

all genes

S mutants expt

Treatment type (*)

Systematic

Mn	Normalized	Min	Norma	Max	Norm:	StdErr	Nor	StdDev	No t-test	P-val	Flags	Raw	Min Raw	Max Raw	StdErr	Rav	StdDev	Ra	Control	Min Contro	Max Contr	StdErr	Cor	StdDev	Co
AFFX-BioB-3_at	0.79	0.76	0.82	0.10	0.17	0.128874		0.17	0.128874			8.77	8.23	9.48	1.15	1.99	11.17	10.03	12.55	0.74	1.28				
AFFX-BioB-5_at	0.86	0.77	0.97	0.11	0.19	0.314066		0.19	0.314066			7.36	7.19	7.46	0.91	1.57	8.58	7.70	9.64	0.57	0.98				
AFFX-BioB-M_at	0.77	0.68	0.84	0.11	0.18	0.129192		0.18	0.129192			8.91	8.45	9.43	1.17	2.02	11.54	10.37	12.97	0.76	1.32				
AFFX-BioC-3_at	0.87	0.75	0.96	0.12	0.20	0.344069		0.20	0.344069			7.19	7.04	7.37	0.89	1.54	8.31	7.46	9.34	0.55	0.95				
AFFX-BioC-5_at	0.82	0.72	0.90	0.11	0.19	0.203705		0.19	0.203705			8.82	8.27	9.44	1.11	1.92	10.76	9.67	12.09	0.71	1.23				
AFFX-BioDn-3_at	0.80	0.70	0.85	0.11	0.19	0.168463		0.19	0.168463			6.91	6.60	7.22	0.93	1.60	8.72	7.83	9.80	0.58	1.00				
AFFX-BioDn-5_at	0.81	0.77	0.85	0.10	0.18	0.178314		0.18	0.178314			7.66	7.00	8.15	1.00	1.74	9.42	8.46	10.59	0.62	1.08				
AFFX-CreX-3_at	0.82	0.72	0.87	0.11	0.19	0.204537		0.19	0.204537			7.61	7.34	7.97	0.98	1.69	9.34	8.39	10.50	0.62	1.07				
AFFX-CreX-5_at	0.85	0.74	0.98	0.12	0.20	0.280993		0.20	0.280993			7.29	7.04	7.58	0.92	1.59	8.65	7.77	9.72	0.57	0.99				
AFFX-DapX-3_at	1.11	0.87	1.62	0.18	0.31	0.563569		0.31	0.563569			1869.53	1567.71	2416.31	246.35	426.69	1663.16	1494.23	1869.76	110.03	190.58				
AFFX-DapX-5_at	0.99	0.82	1.36	0.15	0.26	0.938247		0.26	0.938247			3002.58	2530.95	3685.86	370.51	641.73	3013.26	2707.19	3387.56	199.35	345.28				
AFFX-DapX-M_at	1.10	0.90	1.59	0.18	0.30	0.577559		0.30	0.577559			2721.14	2221.73	3483.97	353.38	612.08	2438.09	2190.44	2740.95	161.30	279.37				
AFFX-HXB2_3_at	0.87	0.74	1.08	0.12	0.22	0.382223		0.22	0.382223			8.72	8.10	9.73	1.08	1.88	10.02	9.01	11.27	0.66	1.15				
AFFX-HXB2_5_at	0.91	0.75	1.10	0.13	0.22	0.536861		0.22	0.536861			8.17	7.58	8.89	0.98	1.69	8.98	8.07	10.10	0.59	1.03				
AFFX-HXB2_M_at	0.91	0.79	1.10	0.12	0.21	0.500976		0.21	0.500976			9.97	9.23	10.87	1.15	2.00	10.99	9.88	12.36	0.73	1.26				
AFFX-LysX-3_at	0.95	0.67	1.71	0.23	0.40	0.852896		0.40	0.852896			45.50	33.41	69.19	9.34	16.18	45.01	40.44	50.61	2.98	5.16				
AFFX-LysX-5_at	0.96	0.71	1.53	0.19	0.33	0.855799		0.33	0.855799			187.06	129.88	257.65	31.58	54.71	187.52	168.47	210.81	12.41	21.49				
AFFX-LysX-M_at	1.04	0.74	1.88	0.25	0.44	0.883933		0.44	0.883933			165.31	118.18	253.57	34.12	59.10	150.09	134.85	168.73	9.93	17.20				
AFFX-PheX-3_at	1.05	0.82	1.69	0.21	0.36	0.806787		0.36	0.806787			284.71	209.09	397.60	47.21	81.77	261.69	235.11	294.20	17.31	29.99				
AFFX-PheX-5_at	0.99	0.80	1.43	0.16	0.28	0.97387		0.28	0.97387			423.74	329.56	537.05	57.57	99.71	419.39	376.79	471.49	27.75	48.06				
AFFX-PheX-M_at	1.09	0.85	1.77	0.22	0.38	0.692062		0.38	0.692062			239.84	178.56	338.38	40.23	69.68	213.04	191.40	239.50	14.09	24.41				
AFFX-r2-Bs-dap-3_at	1.14	0.94	1.54	0.16	0.27	0.391816		0.27	0.391816			1931.97	1543.20	2320.04	220.96	382.71	1680.79	1510.07	1889.58	111.20	192.60				
AFFX-r2-Bs-dap-5_at	1.04	0.86	1.37	0.14	0.24	0.771509		0.24	0.771509			3226.68	2594.27	3789.66	373.11	646.24	3071.50	2759.51	3453.03	203.20	351.95				
AFFX-r2-Bs-dap-M_at	1.06	0.92	1.39	0.14	0.24	0.671218		0.24	0.671218			2835.31	2380.20	3324.94	310.75	538.23	2658.30	2388.28	2988.51	175.86	304.60				
AFFX-r2-Bs-lys-3_at	0.87	0.74	1.08	0.12	0.20	0.352712		0.20	0.352712			201.71	166.76	224.37	24.58	42.58	230.90	207.45	259.59	15.28	26.46				
AFFX-r2-Bs-lys-5_at	0.98	0.77	1.41	0.16	0.28	0.911261		0.28	0.911261			184.69	139.93	234.60	25.76	44.62	184.95	166.16	207.92	12.24	21.19				
AFFX-r2-Bs-lys-M_at	1.14	0.79	1.90	0.24	0.42	0.548218		0.42	0.548218			212.90	158.95	305.49	36.74	63.63	178.89	160.72	201.11	11.83	20.50				
AFFX-r2-Bs-phe-3_at	0.97	0.62	1.79	0.25	0.44	0.900894		0.44	0.900894			90.73	60.85	141.34	19.70	34.13	87.67	78.77	98.56	5.80	10.05				
AFFX-r2-Bs-phe-5_at	0.97	0.74	1.55	0.20	0.34	0.884741		0.34	0.884741			1027.71	796.95	1432.92	171.70	297.40	1026.17	921.94	1153.64	67.89	117.59				
AFFX-r2-Bs-phe-M_at	0.97	0.80	1.29	0.14	0.24	0.825318		0.24	0.825318			185.70	148.56	221.11	22.88	39.63	190.35	171.01	213.99	12.59	21.81				
AFFX-r2-Bs-thr-3_s_at	1.00	0.78	1.60	0.20	0.35	0.996333		0.35	0.996333			866.10	642.31	1207.64	144.72	250.66	838.58	753.40	942.75	55.48	96.09				
AFFX-r2-Bs-thr-5_s_at	1.21	0.90	2.07	0.26	0.45	0.418128		0.45	0.418128			925.97	675.79	1360.01	168.03	291.04	732.89	658.44	823.92	48.49	83.98				
AFFX-r2-Bs-thr-M_s_at	1.06	0.84	1.69	0.20	0.35	0.761435		0.35	0.761435			793.27	595.45	1096.00	127.30	220.49	723.75	650.23	813.65	47.88	82.93				
AFFX-r2-Ec-bioB-3_at	1.00	0.84	1.31	0.14	0.24	0.988276		0.24	0.988276			12.27	10.83	14.39	1.43	2.47	12.20	10.96	13.72	0.81	1.40				
AFFX-r2-Ec-bioB-5_at	0.80	0.71	0.87	0.10	0.17	0.144166		0.17	0.144166			17.03	16.61	17.35	2.01	3.49	21.35	19.18	24.01	1.41	2.45				
AFFX-r2-Ec-bioB-M_at	0.83	0.69	1.04	0.12	0.21	0.258112		0.21	0.258112			13.20	10.71	14.83	1.76	3.06	15.87	14.26	17.84	1.05	1.82				
AFFX-r2-Ec-bioC-3_at	0.95	0.84	1.20	0.13	0.22	0.736483		0.22	0.736483			11.69	10.24	13.21	1.35	2.34	12.25	11.01	13.77	0.81	1.40				
AFFX-r2-Ec-bioC-5_at	1.03	0.87	1.40	0.15	0.26	0.848318		0.26	0.848318			13.26	10.89	16.07	1.65	2.85	12.76	11.46	14.34	0.84	1.46				
AFFX-r2-Ec-bioD-3_at	0.90	0.73	1.16	0.14	0.24	0.504635		0.24	0.504635			9.68	8.84	11.27	1.22	2.12	10.77	9.68	12.11	0.71	1.23				
AFFX-r2-Ec-bioD-5_at	0.96	0.88	1.07	0.11	0.19	0.719516		0.19	0.719516			10.26	9.81	10.61	1.10	1.90	10.75	9.66	12.09	0.71	1.23				
AFFX-r2-P1-cre-3_at	0.87	0.75	1.00	0.11	0.19	0.331452		0.19	0.331452			10.06	9.83	10.44	1.16	2.01	11.62	10.44	13.06	0.77	1.33				
AFFX-r2-P1-cre-5_at	1.00	0.82	1.34	0.15	0.26	0.975732		0.26	0.975732			9.62	7.57	11.43	1.26	2.18	9.48	8.52	10.66	0.63	1.09				
AFFX-ThrX-3_at	1.14	0.80	2.03	0.27	0.46	0.601832		0.46	0.601832			693.94	506.20	1053.57	137.73	238.56	577.26	518.62	648.96	38.19	66.15				
AFFX-ThrX-5_at	1.14	0.86	1.94	0.25	0.43	0.572024		0.43	0.572024			1098.95	797.68	1610.37	200.46	347.20	923.18	829.40	1037.85	61.07	105.78				
AFFX-ThrX-M_at	1.07	0.82	1.78	0.22	0.39	0.741542		0.39	0.741542			973.26	696.13	1390.14	169.90	294.27	870.80	782.34	978.96	57.61	99.78				
AFFX-TrpnX-3_at	1.01	0.80	1.35	0.15	0.27	0.949163		0.27	0.949163			10.42	9.22	12.47	1.27	2.20	10.27	9.22	11.54	0.68	1.18				

AFFX-TrpnX-5_at	1.01	0.87	1.23	0.13	0.22	0.939662	10.57	9.88	11.59	1.12	1.94	10.48	9.42	11.79	0.69	1.20
AFFX-TrpnX-M_at	0.89	0.80	1.05	0.11	0.19	0.383535	13.32	12.10	14.25	1.52	2.63	15.07	13.54	16.94	1.00	1.73
AFFX-yel005_3_at	0.93	0.82	1.06	0.12	0.20	0.57245	7.30	7.03	7.53	0.86	1.49	7.91	7.11	8.90	0.52	0.91
AFFX-yel005_5_at	0.97	0.85	1.13	0.12	0.21	0.831625	7.78	7.56	8.13	0.87	1.51	8.03	7.22	9.03	0.53	0.92
AFFX-yel005_M_at	0.86	0.79	0.99	0.11	0.19	0.31713	7.69	7.24	7.92	0.95	1.64	8.94	8.03	10.05	0.59	1.02
AFFX-yel006_3_at	0.87	0.77	1.07	0.12	0.21	0.346891	10.71	9.61	11.88	1.31	2.26	12.39	11.13	13.93	0.82	1.42
AFFX-yel006_5_at	0.92	0.78	1.13	0.13	0.22	0.581844	7.82	7.32	8.65	0.95	1.64	8.50	7.64	9.56	0.56	0.97
AFFX-yel006_M_at	0.97	0.90	1.11	0.11	0.19	0.793457	10.42	9.51	11.02	1.13	1.96	10.79	9.69	12.12	0.71	1.24
SMU_01_at	0.48	0.40	0.54	0.10	0.17	0.020036	4229.59	3934.68	4619.86	817.00	1415.09	8784.83	7892.49	9876.04	581.17	1006.62
SMU_02_at	0.65	0.58	0.76	0.10	0.17	0.044629	5601.40	4851.33	6328.82	839.50	1454.05	8557.35	7688.12	9620.31	566.12	980.55
SMU_05_at	0.54	0.46	0.68	0.10	0.18	0.029818	909.41	826.52	1037.25	161.37	279.50	1689.99	1518.33	1899.92	111.80	193.65
SMU_06_at	0.84	0.77	0.92	0.10	0.17	0.20963	3510.78	3179.88	3763.01	400.50	693.69	4166.04	3742.87	4683.53	275.61	477.37
SMU_07_at	0.87	0.73	0.96	0.11	0.18	0.297202	979.42	734.87	1161.87	136.05	235.65	1115.65	1002.33	1254.23	73.81	127.84
SMU_08_at	1.05	1.01	1.08	0.09	0.16	0.597642	1478.48	1363.88	1605.21	138.21	239.38	1409.70	1266.51	1584.81	93.26	161.53
SMU_09_at	0.60	0.47	0.70	0.11	0.18	0.040508	3144.02	2185.20	4049.48	604.51	1047.04	5126.42	4605.69	5763.20	339.14	587.42
SMU_10_at	0.53	0.51	0.57	0.09	0.16	0.019523	2460.01	2121.49	2678.91	438.26	759.08	4599.86	4132.62	5171.24	304.31	527.08
SMU_100_at	2.02	1.72	2.46	0.18	0.31	0.001292	896.46	671.52	1198.63	117.88	204.18	433.41	389.38	487.24	28.67	49.66
SMU_1000_at	0.64	0.61	0.69	0.09	0.16	0.034496	180.97	157.91	216.92	28.70	49.71	280.12	251.66	314.91	18.53	32.10
SMU_1001_at	1.07	0.94	1.25	0.11	0.19	0.530485	81.87	78.26	86.24	7.21	12.49	76.52	68.75	86.02	5.06	8.77
SMU_1002_at	1.05	0.84	1.35	0.14	0.24	0.732574	6129.51	5504.51	7093.75	635.88	1101.37	5828.48	5236.45	6552.48	385.59	667.86
SMU_1003_at	1.29	1.02	1.84	0.19	0.34	0.164687	4371.99	3736.89	5541.05	515.50	892.87	3357.42	3016.38	3774.46	222.11	384.71
SMU_1004_at	1.37	0.75	2.08	0.33	0.57	0.24337	1693.94	752.15	2260.32	350.38	606.88	1112.72	999.69	1250.93	73.61	127.50
SMU_1005_at	1.42	1.25	1.64	0.12	0.21	0.014332	9358.59	9023.57	9739.03	622.57	1078.32	6608.36	5937.10	7429.22	437.18	757.23
SMU_1006_at	1.26	1.13	1.48	0.12	0.21	0.068101	993.23	918.40	1053.71	77.58	134.38	789.97	709.73	888.10	52.26	90.52
SMU_1007_at	1.67	1.59	1.83	0.11	0.18	0.00119	1890.53	1789.37	2023.23	114.69	198.65	1132.54	1017.50	1273.22	74.92	129.77
SMU_1008_at	1.05	0.90	1.17	0.11	0.19	0.648803	5232.84	5031.42	5405.25	463.33	802.51	4990.69	4483.76	5610.62	330.17	571.86
SMU_1009_at	1.17	1.00	1.33	0.12	0.20	0.185445	3815.76	3686.93	3926.68	303.86	526.30	3275.07	2942.40	3681.89	216.67	375.28
SMU_101_at	1.62	1.60	1.64	0.09	0.16	0.001047	1342.58	1199.85	1498.24	97.59	169.03	831.34	746.90	934.61	55.00	95.26
SMU_1010c_at	1.64	1.32	2.10	0.18	0.32	0.011359	1380.35	1078.20	1575.08	132.58	229.63	835.23	750.39	938.98	55.26	95.71
SMU_1011c_at	1.41	1.11	1.84	0.18	0.30	0.049909	1472.55	1124.95	1711.91	157.38	272.59	1033.31	928.35	1161.66	68.36	118.40
SMU_1012c_at	1.40	1.10	1.75	0.17	0.29	0.045256	1201.82	906.55	1365.18	130.20	225.52	847.07	761.03	952.29	56.04	97.06
SMU_1013c_at	1.57	1.13	2.29	0.25	0.44	0.045564	1205.88	821.64	1531.31	161.49	279.70	745.73	669.98	838.36	49.33	85.45
SMU_1014_at	1.33	1.18	1.58	0.12	0.22	0.035686	6988.21	6022.94	7514.18	588.50	1019.32	5233.49	4701.89	5883.57	346.23	599.69
SMU_1016_at	1.44	1.38	1.53	0.10	0.17	0.005687	5372.85	5039.55	5935.54	397.07	687.75	3746.47	3365.92	4211.85	247.85	429.29
SMU_1017_at	1.20	1.03	1.44	0.13	0.22	0.161435	7689.58	7266.88	8361.56	636.88	1103.11	6443.00	5788.55	7243.33	426.25	738.28
SMU_1018_at	1.21	1.11	1.29	0.10	0.17	0.076282	2459.34	2190.57	2917.82	246.38	426.74	2019.02	1813.94	2269.82	133.57	231.35
SMU_1019_at	1.15	1.09	1.26	0.10	0.17	0.176707	7707.07	7165.95	8343.40	661.09	1145.03	6716.98	6034.69	7551.33	444.37	769.67
SMU_102_at	2.33	2.11	2.60	0.14	0.24	1.30E-04	1903.51	1527.58	2357.22	186.81	323.57	807.34	725.33	907.62	53.41	92.51
SMU_1020_at	1.27	1.13	1.58	0.13	0.23	0.08128	7978.99	7085.30	8870.18	679.28	1176.54	6262.31	5626.20	7040.19	414.29	717.57
SMU_1021_at	1.26	1.14	1.55	0.13	0.23	0.087079	8787.57	7740.77	9681.77	753.13	1304.46	6971.31	6263.19	7837.26	461.20	798.82
SMU_1022_at	1.22	1.12	1.41	0.11	0.19	0.100236	8118.57	7285.52	8586.09	679.49	1176.91	6684.86	6005.84	7515.23	442.25	765.99
SMU_1023_at	1.24	1.15	1.46	0.12	0.20	0.078827	6779.00	6125.15	7174.12	551.25	954.78	5457.85	4903.46	6135.80	361.07	625.39
SMU_1025_at	0.89	0.80	0.95	0.10	0.17	0.33142	791.09	692.41	945.48	98.26	170.19	887.29	797.16	997.50	58.70	101.67
SMU_1026_at	0.82	0.77	0.90	0.09	0.16	0.16529	661.32	303.19	396.55	45.04	78.01	436.87	392.50	491.14	28.90	50.06
SMU_1027_at	0.52	0.38	0.61	0.11	0.19	0.033001	1038.94	666.13	1295.73	222.20	384.86	1928.57	1732.67	2168.13	127.59	220.99
SMU_1028_at	0.67	0.64	0.70	0.09	0.16	0.041621	3333.67	2818.28	3830.84	496.57	860.08	4931.40	4430.49	5543.96	326.24	565.07
SMU_103_at	1.64	1.38	1.92	0.14	0.25	0.004867	1080.04	801.03	1393.13	135.04	233.89	644.62	579.14	724.69	42.65	73.86
SMU_1035_at	0.71	0.44	1.12	0.18	0.31	0.227876	1117.10	744.06	1516.62	209.89	363.54	1509.48	1356.15	1696.98	99.86	172.97
SMU_1036_at	0.61	0.32	1.09	0.20	0.34	0.179506	562.61	311.75	838.17	133.19	230.69	854.28	767.51	960.40	56.52	97.89
SMU_1037c_at	1.06	0.80	1.38	0.15	0.26	0.707991	8113.59	6901.95	9479.86	876.35	1517.88	7631.38	6856.21	8579.32	504.86	874.45

SMU_1038c_at	1.14	0.94	1.36	0.13	0.22	0.295966	9457.54	8807.06	10160.10	809.16	1401.51	8305.38	7461.75	9337.05	549.45	951.68
SMU_1039c_at	1.14	0.92	1.31	0.13	0.23	0.296217	5519.73	4989.57	5883.17	481.99	834.84	4830.60	4339.93	5430.64	319.57	553.52
SMU_104_at	1.84	1.73	1.96	0.10	0.18	4.07E-04	2762.47	2655.42	2927.67	150.37	260.45	1509.64	1356.29	1697.16	99.87	172.98
SMU_1040c_at	1.08	0.83	1.30	0.14	0.25	0.591729	6908.87	5942.82	7490.08	679.30	1176.59	6399.06	5749.07	7193.93	423.34	733.24
SMU_1041_at	0.82	0.76	0.89	0.09	0.16	0.161988	2832.47	2565.86	3190.83	341.27	591.09	3439.29	3089.94	3866.51	227.53	394.10
SMU_1042_at	0.86	0.80	0.97	0.10	0.17	0.249682	2756.58	2509.40	2942.60	308.76	534.79	3222.74	2895.38	3623.05	213.20	369.28
SMU_1043c_at	0.75	0.64	0.86	0.10	0.18	0.102587	7303.56	6993.13	7498.37	899.02	1557.15	9745.17	8755.28	10955.67	644.70	1116.66
SMU_1044c_at	0.70	0.62	0.75	0.10	0.17	0.057715	4838.36	4682.53	5011.94	639.23	1107.18	6943.36	6238.08	7805.84	459.35	795.61
SMU_1045c_at	0.76	0.70	0.80	0.09	0.16	0.09188	6176.21	5838.12	6364.35	751.59	1301.79	8104.82	7281.56	9111.57	536.19	928.70
SMU_1046c_at	0.81	0.72	0.85	0.10	0.17	0.143553	9420.57	8993.85	9770.87	1085.50	1880.14	11726.17	10535.07	13182.75	775.76	1343.66
SMU_1047c_at	0.96	0.95	0.97	0.09	0.16	0.670321	36.51	32.59	41.62	3.99	6.92	38.10	34.23	42.83	2.52	4.37
SMU_1048_at	1.32	1.07	1.49	0.14	0.24	0.053858	3407.63	3087.39	3753.06	272.30	471.65	2575.83	2314.18	2895.79	170.41	295.15
SMU_105_at	1.13	1.05	1.20	0.10	0.17	0.214792	1932.29	1752.88	2286.49	199.81	346.09	1700.73	1527.98	1911.99	112.51	194.88
SMU_1050_at	0.80	0.64	0.92	0.11	0.19	0.185331	10858.16	9821.58	11557.60	1297.45	2247.25	13571.16	12192.65	15256.92	897.82	1555.07
SMU_1051_at	0.72	0.58	0.82	0.11	0.19	0.095329	7496.13	6765.01	8113.80	988.43	1712.02	10360.31	9307.94	11647.22	685.40	1187.15
SMU_1052_at	0.61	0.57	0.65	0.09	0.16	0.027864	1982.61	1672.62	2196.70	319.61	553.58	3268.87	2936.83	3674.92	216.26	374.57
SMU_1053_at	0.96	0.88	1.05	0.10	0.17	0.688402	3156.09	3070.37	3275.71	306.12	530.22	3309.74	2973.54	3720.86	218.96	379.25
SMU_1054_at	1.00	0.87	1.15	0.11	0.19	0.974023	1795.40	1760.84	1857.72	165.89	287.33	1795.94	1613.52	2019.03	118.81	205.79
SMU_1055c_at	2.17	1.74	2.46	0.19	0.34	9.74E-04	980.73	885.30	1088.60	58.83	101.89	452.89	406.89	509.15	29.96	51.90
SMU_1056_at	2.14	1.97	2.52	0.16	0.27	4.77E-04	54.18	48.85	57.50	3.04	5.26	25.36	22.79	28.51	1.68	2.91
SMU_1057c_at	1.37	1.14	1.57	0.13	0.23	0.030783	1614.90	1509.91	1815.94	129.41	224.14	1181.01	1061.04	1327.71	78.13	135.33
SMU_1058c_at	1.25	1.04	1.41	0.13	0.22	0.087454	6119.60	5698.13	6737.52	500.53	866.95	4893.48	4396.42	5501.33	323.73	560.73
SMU_1059c_at	1.37	1.16	1.56	0.12	0.22	0.026215	2459.52	1861.70	2804.27	267.54	463.39	1779.94	1599.14	2001.04	117.75	203.96
SMU_1060c_at	1.10	0.83	1.28	0.15	0.25	0.512658	7220.40	6089.79	8065.12	729.65	1263.79	6550.17	5884.82	7363.80	433.34	750.56
SMU_1061c_at	1.16	1.07	1.35	0.11	0.19	0.186417	3145.45	2589.97	3562.78	320.15	554.52	2690.73	2417.42	3024.96	178.01	308.32
SMU_1062c_at	0.84	0.70	0.94	0.11	0.19	0.243021	8159.93	7636.21	8903.56	930.57	1611.79	9727.07	8739.03	10935.33	643.51	1114.59
SMU_1063c_at	0.89	0.73	1.00	0.11	0.19	0.385805	7887.34	7339.92	8713.58	867.99	1503.40	8908.06	8003.21	10014.58	589.32	1020.74
SMU_1064c_at	0.56	0.52	0.59	0.09	0.16	0.02146	915.77	870.64	968.66	152.52	264.18	1651.38	1483.64	1856.51	109.25	189.23
SMU_1065c_at	0.47	0.39	0.52	0.10	0.17	0.019126	1376.80	1288.95	1473.62	269.23	466.33	2911.73	2615.96	3273.41	192.63	333.64
SMU_1066_at	0.91	0.81	1.08	0.11	0.19	0.488696	4960.31	4665.64	5277.40	513.34	889.13	5438.16	4885.77	6113.66	359.77	623.14
SMU_1067c_at	0.84	0.68	0.97	0.11	0.20	0.258692	1926.72	1758.34	2013.86	218.96	379.25	2301.58	2067.79	2587.47	152.26	263.73
SMU_1068c_at	0.85	0.73	0.95	0.10	0.18	0.240359	1480.32	1446.09	1504.75	160.89	278.67	1752.17	1574.19	1969.82	115.92	200.77
SMU_1069c_at	0.69	0.66	0.70	0.09	0.16	0.044192	798.49	690.95	907.78	115.30	199.70	1162.89	1044.76	1307.34	76.93	133.25
SMU_107_at	0.66	0.57	0.71	0.10	0.17	0.048029	20.30	15.48	24.32	3.36	5.81	30.36	27.27	34.13	2.01	3.48
SMU_1070c_at	0.67	0.55	0.75	0.10	0.18	0.061339	1621.23	1159.26	1997.63	277.07	479.90	2357.17	2117.74	2649.97	155.94	270.10
SMU_1071c_at	0.88	0.73	1.11	0.12	0.21	0.390022	4940.45	4594.55	5620.37	569.31	986.08	5637.06	5064.47	6337.28	372.93	645.93
SMU_1072c_at	0.99	0.81	1.35	0.15	0.26	0.926144	2756.14	2195.19	3362.43	348.10	602.93	2766.58	2485.56	3110.23	183.03	317.01
SMU_1073c_at	1.08	0.94	1.28	0.11	0.20	0.491295	14008.13	13361.36	14880.65	1230.81	2131.83	12981.37	11662.77	14593.87	858.80	1487.49
SMU_1074_at	0.63	0.49	0.72	0.11	0.19	0.05182	5525.10	4822.98	6187.59	852.98	1477.41	8805.17	7910.77	9898.92	582.52	1008.95
SMU_1075_at	0.70	0.54	0.80	0.11	0.20	0.0862	5076.21	4437.80	5560.92	705.65	1222.22	7265.59	6527.57	8168.09	480.66	832.54
SMU_1076_at	0.81	0.66	0.90	0.11	0.19	0.188064	6858.08	6302.89	7476.95	814.02	1409.92	8494.06	7631.26	9549.16	561.94	973.30
SMU_1077_at	1.05	0.91	1.19	0.11	0.19	0.634537	9683.76	9416.69	9839.35	849.65	1471.63	9222.87	8286.04	10368.50	610.15	1056.81
SMU_1078c_at	1.71	1.39	2.04	0.17	0.29	0.005056	5521.42	5063.40	5943.76	346.91	600.86	3238.33	2909.39	3640.58	214.24	371.07
SMU_1079c_at	1.83	1.43	2.24	0.20	0.34	0.004635	5661.20	4971.65	6220.05	383.31	663.91	3086.74	2773.20	3470.16	204.21	353.70
SMU_108_at	1.07	1.04	1.11	0.09	0.16	0.447672	392.98	352.53	456.26	40.38	69.94	365.04	327.96	410.39	24.15	41.83
SMU_1081c_at	1.14	1.06	1.19	0.10	0.17	0.188076	7391.47	6967.06	7715.69	614.75	1064.77	6492.71	5833.21	7299.21	429.53	743.97
SMU_1082c_at	1.38	1.17	1.60	0.13	0.22	0.026132	9504.14	9054.50	9952.56	658.76	1141.00	6911.51	6209.46	7770.03	457.24	791.96
SMU_1083c_at	1.19	1.02	1.28	0.11	0.19	0.141225	6565.72	6388.41	6910.68	523.40	906.55	5559.74	4995.00	6250.35	367.81	637.07
SMU_1084c_at	1.06	0.95	1.14	0.10	0.17	0.588406	8329.85	8082.82	8478.88	729.70	1263.88	7912.58	7108.84	8895.45	523.47	906.67
SMU_1085c_at	1.02	0.81	1.22	0.13	0.22	0.867086	6842.21	6083.69	7333.36	670.81	1161.87	6697.78	6017.44	7529.75	443.10	767.47

SMU_1086c_at	1.09	0.96	1.18	0.10	0.18	0.413353	6712.44	6556.50	6915.76	570.72	988.51	6179.66	5551.95	6947.27	408.82	708.10
SMU_1087_at	0.86	0.81	0.95	0.10	0.17	0.251669	4021.75	3396.29	4334.82	479.86	831.15	4651.91	4179.38	5229.75	307.75	533.04
SMU_1088_at	0.98	0.87	1.07	0.10	0.18	0.866856	6435.20	6337.49	6550.06	604.18	1046.47	6582.20	5913.60	7399.81	435.45	754.23
SMU_1089_at	0.95	0.82	1.07	0.11	0.19	0.686733	5886.76	5696.34	5987.85	571.85	990.47	6202.92	5572.85	6973.42	410.36	710.77
SMU_109_at	0.99	0.72	1.27	0.15	0.27	0.954338	550.19	446.81	629.29	63.37	109.76	552.06	495.98	620.63	36.52	63.26
SMU_1090_at	0.86	0.72	1.01	0.11	0.19	0.287278	4658.25	4434.93	4961.45	511.97	886.75	5459.01	4904.50	6137.11	361.15	625.53
SMU_1091_at	1.04	0.87	1.34	0.13	0.23	0.752492	2683.03	2220.22	3333.41	332.00	575.04	2542.91	2284.61	2858.78	168.23	291.38
SMU_1093_at	1.67	0.74	4.13	0.67	1.16	0.228946	263.83	104.99	511.49	89.48	154.98	126.85	113.97	142.61	8.39	14.54
SMU_1094_at	1.67	0.90	3.52	0.52	0.90	0.154591	327.67	172.37	587.28	93.68	162.27	170.50	153.18	191.68	11.28	19.54
SMU_1095c_at	0.86	0.73	0.94	0.10	0.18	0.262197	10386.25	9930.25	11226.38	1154.02	1998.81	12179.78	10942.60	13692.71	805.77	1395.63
SMU_1096c_at	0.87	0.70	1.01	0.12	0.20	0.364071	8005.76	7196.06	8467.28	888.71	1539.29	9186.69	8253.54	10327.83	607.76	1052.67
SMU_1097c_at	0.93	0.88	1.00	0.09	0.16	0.507407	6448.79	5690.54	6855.84	690.05	1195.20	6944.34	6238.96	7806.94	459.41	795.72
SMU_1098c_at	0.92	0.78	1.02	0.11	0.19	0.52092	8274.45	7923.00	8673.15	838.32	1452.02	9001.27	8086.95	10119.37	595.49	1031.42
SMU_11_at	0.50	0.36	0.62	0.12	0.20	0.035681	2208.71	1335.39	2933.63	505.72	875.92	4181.79	3757.02	4701.23	276.65	479.18
SMU_1100c_at	0.81	0.67	0.91	0.11	0.19	0.174825	3005.40	2809.09	3155.97	350.34	606.80	3743.65	3363.38	4208.67	247.67	428.97
SMU_1102c_at	0.86	0.64	1.13	0.14	0.25	0.415657	2820.88	2321.46	3306.09	358.73	621.34	3245.27	2915.62	3648.38	214.69	371.86
SMU_1104c_at	0.82	0.66	0.98	0.12	0.20	0.236349	2951.64	2660.64	3155.31	344.83	597.25	3585.66	3221.44	4031.06	237.21	410.87
SMU_1105c_at	0.82	0.59	1.07	0.14	0.25	0.30579	4404.31	3538.60	5127.41	588.11	1018.64	5330.63	4789.17	5992.78	352.66	610.82
SMU_1106c_at	0.90	0.75	1.05	0.11	0.20	0.444711	3527.32	3300.64	3706.52	369.48	639.96	3928.88	3529.79	4416.91	259.92	450.19
SMU_1107c_at	1.06	0.96	1.16	0.10	0.17	0.597332	3064.92	2783.87	3285.90	286.16	495.65	2909.28	2613.76	3270.66	192.47	333.36
SMU_1108c_at	0.98	0.83	1.13	0.11	0.19	0.888433	4463.28	4254.93	4633.50	424.40	735.08	4555.93	4093.15	5121.84	301.40	522.05
SMU_1109c_at	0.95	0.80	1.03	0.11	0.19	0.674695	4959.18	4731.28	5280.28	493.30	854.42	5235.14	4703.38	5885.43	346.34	599.87
SMU_110c_at	0.60	0.54	0.68	0.10	0.17	0.03016	1356.47	1091.06	1505.06	227.35	393.79	2260.91	2031.25	2541.75	149.57	259.07
SMU_1111c_at	1.59	1.47	1.83	0.12	0.21	0.003464	3453.67	2925.10	3863.11	278.53	482.44	2161.21	1941.68	2429.67	142.98	247.64
SMU_1112c_at	1.38	1.26	1.55	0.11	0.19	0.015277	3966.33	3456.96	4362.37	323.99	561.17	2873.66	2581.76	3230.61	190.11	329.28
SMU_1113c_at	0.72	0.59	0.82	0.11	0.18	0.08673	4107.76	3773.20	4589.64	551.46	955.16	5713.84	5133.45	6423.59	378.01	654.73
SMU_1114c_at	0.76	0.62	0.84	0.11	0.18	0.117052	5668.07	5253.10	6131.82	708.27	1226.77	7482.05	6722.05	8411.44	494.99	857.34
SMU_1115_at	1.04	0.84	1.22	0.12	0.21	0.783011	13224.49	12100.56	14028.38	1241.50	2150.35	12802.41	11501.99	14392.68	846.96	1466.98
SMU_1116c_at	2.11	1.70	2.56	0.20	0.35	0.001417	7939.63	7169.35	8635.35	456.82	791.24	3759.25	3377.40	4226.21	248.70	430.76
SMU_1117c_at	3.10	2.43	3.93	0.32	0.56	3.96E-04	12219.05	10728.50	13910.21	746.07	1292.23	3935.15	3535.43	4423.96	260.34	450.91
SMU_1118c_at	1.07	0.89	1.24	0.12	0.20	0.586431	7232.34	6843.81	7599.44	641.64	1111.35	6802.73	6111.73	7647.74	450.04	779.50
SMU_1119c_at	1.12	0.92	1.27	0.12	0.21	0.352706	6241.59	5775.14	6593.19	539.49	934.42	5585.95	5018.55	6279.82	369.55	640.07
SMU_1120c_at	1.08	0.94	1.23	0.11	0.19	0.485492	6491.57	6347.51	6648.26	555.62	962.36	6031.80	5419.11	6781.05	399.04	691.16
SMU_1121c_at	0.83	0.71	0.96	0.11	0.18	0.216149	8673.84	8370.66	9071.84	969.75	1679.65	10470.33	9406.79	11770.92	692.68	1199.76
SMU_1122c_at	0.69	0.62	0.74	0.10	0.16	0.053286	6258.14	5890.81	6588.91	842.59	1459.40	9070.08	8148.77	10196.72	600.04	1039.31
SMU_1123c_at	0.71	0.65	0.76	0.09	0.16	0.05894	6979.70	6709.68	7156.53	907.73	1572.23	9858.54	8857.15	11083.13	652.21	1129.65
SMU_1124c_at	0.90	0.79	1.00	0.10	0.18	0.424071	2758.51	2329.99	3215.17	331.69	574.50	3036.34	2727.92	3413.50	200.87	347.92
SMU_1125c_at	0.91	0.82	1.06	0.11	0.18	0.441185	620.74	521.41	803.67	89.45	154.93	674.04	605.57	757.76	44.59	77.24
SMU_1126_at	1.11	0.96	1.31	0.12	0.20	0.384223	1608.35	1534.24	1717.74	139.05	240.85	1456.40	1308.46	1637.31	96.35	166.88
SMU_1127_at	0.90	0.86	0.95	0.09	0.16	0.368025	5934.18	5301.44	6994.85	708.99	1228.01	6556.60	5890.60	7371.03	433.76	751.30
SMU_1128c_at	1.06	0.84	1.31	0.14	0.23	0.652948	6186.38	5497.27	7429.34	689.07	1193.50	5789.65	5201.56	6508.82	383.02	663.41
SMU_1129c_at	1.04	0.85	1.35	0.14	0.24	0.771074	4176.66	3524.16	5230.11	522.60	905.17	3964.96	3562.22	4457.47	262.31	454.33
SMU_112c_at	0.95	0.73	1.20	0.14	0.24	0.725403	686.04	591.28	780.20	76.56	132.60	722.38	649.00	812.11	47.79	82.77
SMU_113_at	0.92	0.64	1.19	0.16	0.27	0.638582	186.42	144.26	215.26	23.90	41.39	201.03	180.61	226.01	13.30	23.04
SMU_1131c_at	1.80	1.18	3.68	0.50	0.86	0.086936	1269.10	753.71	2232.33	345.53	598.48	620.51	557.48	697.59	41.05	71.10
SMU_1132c_at	0.87	0.72	1.00	0.11	0.19	0.317094	9525.23	8920.28	9871.85	1032.43	1788.23	11031.09	9910.59	12401.33	729.78	1264.01
SMU_1133c_at	1.20	1.16	1.23	0.09	0.16	0.078902	5658.05	5233.13	6190.52	477.28	826.67	4738.16	4256.88	5326.72	313.46	542.93
SMU_1134c_at	1.10	0.98	1.23	0.10	0.18	0.357613	6929.35	6817.93	6993.15	578.83	1002.57	6307.96	5667.22	7091.51	417.31	722.81
SMU_1135c_at	1.01	0.86	1.13	0.11	0.19	0.922934	6611.74	6352.96	6811.23	608.56	1054.06	6564.43	5897.64	7379.84	434.28	752.19
SMU_1136c_at	1.06	0.86	1.23	0.12	0.22	0.622868	5534.42	5046.27	5782.25	507.70	879.36	5215.43	4685.67	5863.27	345.03	597.62

SMU_1137c_at	1.03	0.85	1.15	0.11	0.20	0.834404	5307.23	4985.11	5569.23	490.74	849.98	5194.60	4666.95	5839.85	343.66	595.23
SMU_1138c_at	1.09	0.93	1.24	0.11	0.20	0.434045	6921.30	6606.16	7101.47	591.89	1025.18	6348.95	5704.05	7137.60	420.02	727.50
SMU_1139c_at	1.52	1.19	1.91	0.18	0.31	0.021647	1779.14	1561.70	2004.87	140.05	242.58	1167.45	1048.86	1312.46	77.23	133.77
SMU_114_at	0.89	0.67	1.05	0.13	0.23	0.478475	235.31	197.82	260.82	27.63	47.86	263.07	236.35	295.75	17.40	30.14
SMU_1140c_at	1.25	1.06	1.45	0.12	0.21	0.086902	3751.51	3594.68	3927.09	284.80	493.29	3020.51	2713.69	3395.70	199.83	346.11
SMU_1141c_at	1.23	1.20	1.27	0.09	0.16	0.048458	3462.28	3101.56	3800.18	294.51	510.10	2813.28	2527.52	3162.73	186.12	322.36
SMU_1142c_at	1.03	0.94	1.15	0.10	0.17	0.752728	7362.87	7155.76	7567.37	660.45	1143.94	7155.63	6428.78	8044.47	473.39	819.94
SMU_1143c_at	1.16	0.99	1.44	0.13	0.23	0.272796	6236.31	5680.95	7006.40	568.65	984.94	5400.12	4851.59	6070.90	357.25	618.78
SMU_1144c_at	0.91	0.76	1.08	0.11	0.20	0.48513	3847.15	3641.86	4124.95	401.45	695.34	4241.58	3810.73	4768.45	280.61	486.03
SMU_1145c_at	0.67	0.55	0.78	0.10	0.18	0.059783	1856.86	1720.76	1945.60	258.60	447.91	2773.87	2492.11	3118.43	183.51	317.85
SMU_1146c_at	0.66	0.57	0.73	0.10	0.17	0.048267	985.19	949.14	1030.92	137.78	238.64	1493.41	1341.71	1678.91	98.80	171.12
SMU_1147c_at	1.24	1.01	1.48	0.14	0.23	0.117875	114.12	104.87	122.67	9.21	15.95	92.24	82.87	103.69	6.10	10.57
SMU_1148_at	1.17	0.81	1.62	0.20	0.34	0.407707	97.79	75.12	120.54	11.98	20.75	82.73	74.33	93.01	5.47	9.48
SMU_1149_at	0.83	0.60	1.15	0.15	0.26	0.348456	88.24	71.37	108.22	12.26	21.24	105.01	94.34	118.05	6.95	12.03
SMU_115_at	0.85	0.71	0.95	0.11	0.19	0.268933	101.32	94.82	110.70	11.45	19.83	119.31	107.19	134.13	7.89	13.67
SMU_1150_at	0.87	0.59	1.44	0.20	0.34	0.57088	113.86	82.57	162.06	20.76	35.96	125.38	112.64	140.95	8.29	14.37
SMU_1151c_at	0.74	0.52	1.10	0.15	0.27	0.213653	4206.24	3258.68	5483.40	690.83	1196.56	5542.31	4979.34	6230.76	366.66	635.07
SMU_1152c_at	0.70	0.57	0.82	0.11	0.19	0.074577	2773.51	2554.67	2945.50	374.39	648.46	3991.49	3586.05	4487.30	264.06	457.37
SMU_1153c_at	1.08	0.86	1.56	0.17	0.30	0.639164	1968.44	1660.83	2514.11	253.68	439.38	1792.54	1610.46	2015.20	118.59	205.40
SMU_1154c_at	1.07	0.83	1.50	0.17	0.29	0.668058	2414.64	2067.43	3000.43	291.55	504.99	2228.38	2002.02	2505.17	147.42	255.34
SMU_1155_at	0.95	0.59	1.96	0.29	0.50	0.859673	94.99	60.08	159.63	24.34	42.16	90.64	81.43	101.90	6.00	10.39
SMU_1156c_at	1.01	0.84	1.31	0.14	0.23	0.956952	1866.91	1685.08	2173.88	201.38	348.80	1848.64	1660.86	2078.27	122.30	211.83
SMU_1157c_at	1.19	1.11	1.36	0.11	0.19	0.12152	1730.42	1570.80	1841.62	145.16	251.43	1454.20	1306.49	1634.84	96.20	166.63
SMU_1158c_at	1.35	1.09	1.88	0.19	0.33	0.098612	3083.85	2652.90	3828.22	336.14	582.21	2269.10	2038.61	2550.96	150.12	260.01
SMU_1159c_at	1.30	1.19	1.45	0.11	0.18	0.03102	1994.87	1778.13	2206.47	165.19	286.11	1530.74	1375.25	1720.88	101.27	175.40
SMU_116_at	0.74	0.58	0.85	0.12	0.20	0.124238	178.22	155.72	195.41	23.45	40.62	239.47	215.14	269.21	15.84	27.44
SMU_1160c_at	1.47	1.33	1.61	0.11	0.19	0.006375	1860.53	1635.95	2115.17	151.76	262.86	1262.09	1133.89	1418.86	83.50	144.62
SMU_1161c_at	1.28	1.16	1.36	0.10	0.18	0.036056	1391.15	1224.55	1629.31	131.52	227.80	1083.07	973.05	1217.60	71.65	124.10
SMU_1163c_at	1.71	1.53	1.85	0.11	0.20	0.001309	1706.95	1662.08	1735.68	93.10	161.25	1001.64	899.90	1126.06	66.26	114.77
SMU_1164c_at	1.67	1.45	1.80	0.13	0.22	0.002369	1056.69	1026.84	1111.69	61.23	106.05	634.05	569.65	712.81	41.95	72.65
SMU_1165c_at	0.83	0.73	0.89	0.10	0.17	0.18435	140.90	136.51	146.41	15.79	27.36	170.97	153.61	192.21	11.31	19.59
SMU_1166c_at	1.97	1.35	2.83	0.32	0.55	0.012987	682.69	519.48	866.39	77.74	134.65	341.26	306.59	383.64	22.58	39.10
SMU_1167c_at	2.96	2.03	4.36	0.48	0.84	0.002476	419.59	316.79	544.56	48.84	84.59	139.02	124.90	156.29	9.20	15.93
SMU_1168_at	1.48	1.27	1.76	0.14	0.24	0.012698	527.35	505.86	565.16	35.36	61.25	357.39	321.09	401.79	23.64	40.95
SMU_1169c_at	1.56	1.23	1.86	0.17	0.29	0.013952	2616.84	2327.87	2820.55	186.51	323.04	1683.80	1512.77	1892.96	111.39	192.94
SMU_1170c_at	1.54	1.16	1.81	0.18	0.32	0.021405	3300.94	2778.60	3762.49	280.81	486.37	2130.86	1914.41	2395.54	140.97	244.17
SMU_1171c_at	1.22	1.08	1.42	0.12	0.20	0.098115	952.40	916.32	995.61	73.38	127.10	781.30	701.94	878.35	51.69	89.53
SMU_1172c_at	0.87	0.76	1.00	0.10	0.18	0.288107	2663.45	2576.73	2763.13	285.43	494.38	3089.55	2775.72	3473.32	204.39	354.02
SMU_1173c_at	0.84	0.67	1.02	0.12	0.21	0.266803	5967.62	5378.00	6534.80	696.27	1205.98	7154.26	6427.55	8042.93	473.30	819.78
SMU_1174c_at	0.84	0.78	0.96	0.10	0.17	0.223024	4517.23	4215.98	4687.14	502.47	870.31	5363.19	4818.42	6029.39	354.81	614.55
SMU_1175_at	0.48	0.31	0.70	0.13	0.23	0.045702	769.37	539.24	1064.38	180.25	312.19	1562.88	1404.12	1757.01	103.39	179.08
SMU_1176_at	0.74	0.55	0.96	0.13	0.23	0.156405	2885.80	2373.86	3329.90	405.23	701.89	3870.51	3477.35	4351.29	256.06	443.51
SMU_1177c_at	1.16	1.09	1.24	0.10	0.17	0.14652	6277.99	6063.02	6623.93	512.08	886.95	5428.44	4877.04	6102.74	359.13	622.02
SMU_1178c_at	1.07	1.00	1.13	0.10	0.17	0.477841	4972.02	4558.41	5216.36	450.51	780.30	4651.49	4179.01	5229.28	307.73	533.00
SMU_1179c_at	1.07	0.88	1.20	0.12	0.21	0.573822	4790.49	4436.64	5246.55	444.17	769.33	4485.87	4030.21	5043.09	296.77	514.02
SMU_117c_at	0.73	0.59	0.82	0.11	0.19	0.098266	578.33	526.29	622.60	75.18	130.22	792.05	711.60	890.44	52.40	90.76
SMU_1180c_at	1.31	1.11	1.45	0.12	0.21	0.043945	2830.62	2114.10	3477.04	340.61	589.95	2129.25	1912.97	2393.73	140.86	243.98
SMU_1182c_at	0.74	0.55	0.98	0.13	0.23	0.157595	1439.72	1193.95	1692.61	203.95	353.25	1930.26	1734.19	2170.03	127.70	221.18
SMU_1183c_at	0.86	0.83	0.90	0.09	0.16	0.220897	1527.66	1447.43	1679.03	172.00	297.91	1785.42	1604.06	2007.19	118.12	204.58
SMU_1184c_at	0.63	0.55	0.74	0.10	0.17	0.039311	946.05	895.70	1001.15	140.18	242.81	1512.98	1359.30	1700.92	100.09	173.37

SMU_1185c_at	0.85	0.58	1.20	0.16	0.28	0.443804	253.92	191.03	315.54	36.95	64.00	292.87	263.12	329.24	19.37	33.56
SMU_1187c_at	0.43	0.37	0.54	0.10	0.17	0.018341	3741.88	3298.26	4257.24	824.81	1428.61	8747.75	7859.18	9834.36	578.72	1002.37
SMU_1188c_at	0.91	0.88	0.95	0.09	0.16	0.395895	4196.02	3652.67	4668.42	470.93	815.68	4610.53	4142.21	5183.24	305.02	528.30
SMU_1189c_at	0.78	0.71	0.86	0.10	0.17	0.111126	3650.94	3293.87	3940.90	449.93	779.30	4691.00	4214.51	5273.70	310.34	537.52
SMU_118c_at	0.78	0.54	0.97	0.14	0.25	0.241002	2700.83	2084.44	3025.87	381.31	660.44	3416.97	3069.89	3841.41	226.05	391.54
SMU_1190c_at	0.86	0.74	0.94	0.10	0.18	0.273759	13478.08	13066.16	14036.70	1453.79	2518.03	15721.67	14124.72	17674.55	1040.09	1801.49
SMU_1191c_at	0.90	0.78	1.00	0.10	0.18	0.388747	12377.84	12111.20	12562.76	1274.42	2207.36	13880.70	12470.75	15604.91	918.30	1590.54
SMU_1192c_at	0.93	0.70	1.10	0.13	0.23	0.610443	6561.52	5587.23	7101.97	734.49	1272.17	7081.93	6362.57	7961.61	468.51	811.49
SMU_1193_at	1.09	0.68	1.51	0.22	0.38	0.684348	3097.22	1756.67	4514.70	613.90	1063.30	2657.32	2387.40	2987.40	175.80	304.49
SMU_1194_at	1.04	0.74	1.24	0.16	0.28	0.813996	2750.44	1854.04	3569.72	422.63	732.01	2566.85	2306.12	2885.69	169.81	294.13
SMU_1195_at	0.96	0.76	1.17	0.13	0.22	0.755399	1383.47	1060.93	1590.02	174.57	302.37	1429.63	1284.41	1607.21	94.58	163.82
SMU_1196c_at	0.94	0.89	1.02	0.09	0.16	0.595669	3632.15	3059.40	4009.83	407.21	705.30	3837.51	3447.70	4314.19	253.88	439.72
SMU_1197_at	0.53	0.40	0.63	0.11	0.19	0.035155	967.44	802.86	1080.53	175.66	304.26	1805.23	1621.86	2029.47	119.43	206.85
SMU_119c_at	0.70	0.47	0.91	0.14	0.25	0.151848	3948.60	2919.87	4501.89	623.34	1079.65	5526.86	4965.46	6213.39	365.64	633.30
SMU_12_at	0.53	0.51	0.54	0.09	0.16	0.01881	3067.37	2638.41	3518.66	555.83	962.73	5744.81	5161.27	6458.41	380.06	658.28
SMU_120_at	0.77	0.70	0.91	0.10	0.18	0.122071	730.88	643.05	776.97	91.98	159.31	945.63	849.58	1063.09	62.56	108.36
SMU_1200c_at	0.87	0.73	0.98	0.11	0.19	0.320782	14569.26	13782.40	15176.02	1564.56	2709.90	16790.78	15085.23	18876.47	1110.82	1923.99
SMU_1201c_at	1.33	1.05	1.57	0.15	0.26	0.06157	1448.21	1097.73	1885.44	190.65	330.22	1067.73	959.27	1200.35	70.64	122.35
SMU_1203c_at	0.80	0.68	0.93	0.11	0.18	0.162362	5577.02	5329.70	5829.41	648.63	1123.46	6996.94	6286.22	7866.08	462.89	801.75
SMU_1204c_at	1.01	0.88	1.17	0.11	0.19	0.907109	6459.04	6307.53	6726.30	593.40	1027.79	6398.60	5748.65	7193.41	423.31	733.19
SMU_1205c_at	0.96	0.83	1.06	0.10	0.18	0.753792	3980.26	3051.04	4864.98	525.58	910.34	4070.86	3657.36	4576.53	269.31	466.46
SMU_1206c_at	0.96	0.95	0.98	0.09	0.16	0.67926	2481.77	2218.62	2756.89	261.27	452.53	2588.83	2325.87	2910.41	171.27	296.64
SMU_1207c_at	0.94	0.80	1.08	0.11	0.19	0.636465	4858.22	4649.46	5029.74	480.00	831.39	5172.14	4646.77	5814.60	342.17	592.66
SMU_1208c_at	0.93	0.77	1.10	0.12	0.20	0.573075	3963.30	3702.43	4245.46	407.85	706.42	4286.55	3851.13	4819.00	283.58	491.18
SMU_1209c_at	0.91	0.87	0.94	0.09	0.16	0.412437	2876.53	2443.43	3303.71	337.06	583.81	3142.59	2823.38	3532.95	207.90	360.10
SMU_1210c_at	0.61	0.52	0.73	0.10	0.18	0.038614	2013.83	1921.31	2157.99	307.16	532.02	3307.41	2971.46	3718.24	218.81	378.98
SMU_1211_at	0.41	0.30	0.49	0.10	0.18	0.020277	1602.28	1334.22	1766.84	369.51	640.01	3898.86	3502.83	4383.16	257.93	446.76
SMU_1213c_at	0.95	0.75	1.10	0.12	0.21	0.683894	4910.96	4391.48	5200.82	510.52	884.25	5201.45	4673.11	5847.56	344.11	596.01
SMU_1214c_at	0.99	0.76	1.18	0.14	0.24	0.962377	4864.07	4157.35	5234.14	512.81	888.22	4891.07	4394.25	5498.62	323.58	560.45
SMU_1215c_at	1.03	0.85	1.14	0.12	0.20	0.833684	3197.96	2980.65	3468.27	303.58	525.82	3126.09	2808.55	3514.40	206.81	358.21
SMU_1216c_at	0.99	0.75	1.18	0.14	0.24	0.929588	3900.84	3324.76	4195.69	414.69	718.27	3945.66	3544.88	4435.78	261.03	452.12
SMU_1217c_at	1.16	1.02	1.47	0.14	0.23	0.275249	1319.28	1155.97	1500.48	125.85	217.99	1138.00	1022.40	1279.35	75.29	130.40
SMU_1218c_at	0.92	0.59	1.22	0.18	0.31	0.666873	1474.23	1048.58	1736.90	209.69	363.20	1579.50	1419.06	1775.70	104.49	180.99
SMU_1219c_at	0.91	0.84	1.01	0.10	0.17	0.447022	1729.80	1540.01	1871.20	186.86	323.64	1893.59	1701.24	2128.80	125.27	216.98
SMU_121c_at	0.84	0.65	1.24	0.15	0.27	0.395961	255.50	217.63	330.62	38.06	65.93	297.82	267.57	334.81	19.70	34.13
SMU_1220c_at	0.94	0.88	0.98	0.09	0.16	0.548828	1216.97	1117.30	1291.42	124.62	215.85	1301.11	1168.95	1462.73	86.08	149.09
SMU_1221c_at	0.81	0.62	0.97	0.12	0.21	0.222234	2690.64	2319.79	2912.40	332.89	576.58	3338.38	2999.28	3753.06	220.85	382.53
SMU_1222c_at	0.76	0.61	0.88	0.11	0.19	0.128694	2751.04	2482.90	2912.09	345.75	598.86	3629.98	3261.26	4080.88	240.15	415.95
SMU_1223c_at	0.81	0.57	0.97	0.14	0.24	0.268028	2205.03	1751.10	2491.71	297.01	514.44	2716.88	2440.91	3054.36	179.74	311.32
SMU_1224c_at	0.64	0.47	0.78	0.12	0.21	0.070777	761.46	626.77	833.68	118.27	204.85	1182.35	1062.25	1329.22	78.22	135.48
SMU_1225_at	0.67	0.56	0.80	0.10	0.18	0.057547	3163.69	3006.23	3436.10	446.93	774.11	4766.27	4282.12	5358.31	315.32	546.15
SMU_1226c_at	0.94	0.74	1.19	0.13	0.23	0.702602	2568.34	2269.14	2910.45	281.36	487.33	2715.40	2439.58	3052.70	179.64	311.15
SMU_1227c_at	0.94	0.73	1.14	0.13	0.22	0.690858	7316.86	6396.71	7926.90	783.09	1356.36	7752.04	6964.62	8714.97	512.85	888.28
SMU_1228c_at	1.00	0.81	1.22	0.13	0.22	0.993422	6854.94	6222.66	7518.01	682.48	1182.09	6871.60	6173.61	7275.17	454.60	787.39
SMU_1229c_at	0.99	0.77	1.23	0.13	0.23	0.971142	5186.36	4529.78	5747.34	538.94	933.48	5210.59	4681.31	5857.83	344.71	597.06
SMU_123_at	1.10	0.86	1.26	0.13	0.23	0.483066	5377.38	4756.50	5836.07	503.39	871.90	4903.96	4405.84	5513.11	324.43	561.93
SMU_1230c_at	0.99	0.84	1.09	0.11	0.19	0.924309	4486.40	4299.44	4684.35	424.17	734.69	4552.97	4090.49	5118.52	301.21	521.71
SMU_1231c_at	0.90	0.82	0.98	0.10	0.17	0.393226	1172.40	954.79	1324.47	142.11	246.13	1290.71	1159.61	1451.04	85.39	147.90
SMU_1232c_at	1.02	0.88	1.10	0.11	0.18	0.868449	3278.14	3164.24	3465.59	303.19	525.15	3230.49	2902.35	3631.77	213.72	370.17
SMU_1233c_at	1.00	0.81	1.19	0.12	0.21	0.989964	8710.99	7964.55	9340.00	846.87	1466.82	8715.57	7830.27	9798.19	576.59	998.68

SMU_1234c_at	0.89	0.73	1.04	0.12	0.20	0.430061	5202.34	4758.92	5426.44	556.47	963.83	5832.17	5239.75	6556.61	385.83	668.29
SMU_1235_at	1.62	0.96	2.52	0.35	0.60	0.082083	3822.46	2459.05	5135.16	584.73	1012.78	2270.05	2039.47	2552.03	150.18	260.12
SMU_1236c_at	1.98	1.52	2.88	0.29	0.50	0.009087	353.55	301.25	454.93	39.30	68.08	175.95	158.08	197.80	11.64	20.16
SMU_1237c_at	2.31	2.08	2.58	0.14	0.24	1.45E-04	476.66	420.26	531.52	29.57	51.22	206.70	185.70	232.38	13.67	23.68
SMU_1238c_at	1.03	0.86	1.16	0.11	0.20	0.815981	8340.67	7915.78	8620.80	761.36	1318.72	8147.45	7319.86	9159.49	539.01	933.58
SMU_1239c_at	0.98	0.81	1.09	0.11	0.20	0.849706	9113.67	8520.19	9640.23	886.85	1536.07	9356.21	8405.84	10518.41	618.97	1072.09
SMU_124_at	1.25	1.03	1.52	0.14	0.24	0.105705	9239.70	8527.81	10056.50	745.57	1291.36	7385.26	6635.09	8302.62	488.58	846.25
SMU_1240c_at	0.96	0.75	1.15	0.13	0.22	0.789557	4596.13	4032.68	4950.14	481.26	833.57	4774.55	4289.57	5367.63	315.87	547.10
SMU_1241c_at	0.99	0.82	1.16	0.12	0.20	0.964081	3880.98	3602.38	4078.37	372.39	645.00	3914.29	3516.69	4400.50	258.95	448.52
SMU_1243_at	1.69	1.16	2.28	0.26	0.45	0.026008	2224.78	1695.01	2662.88	232.86	403.33	1299.03	1167.08	1460.39	85.94	148.85
SMU_1245c_at	0.92	0.84	0.99	0.10	0.17	0.467295	4794.61	4658.61	4940.60	482.48	835.69	5232.49	4700.99	5882.45	346.16	599.57
SMU_1246c_at	0.94	0.86	0.98	0.10	0.16	0.551212	2351.45	1930.09	2733.14	281.59	487.72	2496.21	2242.66	2806.28	165.14	286.03
SMU_1247c_at	0.92	0.82	1.01	0.10	0.17	0.459856	10098.31	10025.50	10192.43	1014.38	1756.96	11073.76	9948.92	12449.29	732.60	1268.90
SMU_1249c_at	0.79	0.76	0.81	0.09	0.16	0.106246	6762.01	5852.89	7814.47	880.64	1525.31	8549.68	7681.23	9611.69	565.62	979.67
SMU_125_at	1.23	0.90	1.72	0.19	0.33	0.254778	4944.47	4052.55	6173.07	578.44	1001.89	3984.64	3579.89	4479.59	263.61	456.58
SMU_1250c_at	0.66	0.48	0.82	0.12	0.21	0.084175	1119.53	698.31	1497.69	221.51	383.66	1627.85	1462.49	1830.05	107.69	186.53
SMU_1251_at	0.21	0.19	0.22	0.08	0.14	0.01195	539.40	505.46	558.26	234.96	406.96	2563.16	2302.80	2881.54	169.57	293.70
SMU_1252c_at	0.62	0.42	0.88	0.14	0.24	0.09049	1705.95	1276.08	2151.15	306.01	530.03	2713.45	2437.82	3050.50	179.51	310.92
SMU_1253c_at	0.65	0.50	0.74	0.11	0.19	0.06074	1303.96	1128.15	1442.26	195.91	339.32	2016.90	1812.03	2267.43	133.43	231.11
SMU_1254_at	0.42	0.31	0.58	0.11	0.19	0.024891	1375.48	1129.78	1695.31	321.32	556.54	3262.97	2931.53	3868.28	215.87	373.89
SMU_1255c_at	0.71	0.65	0.75	0.09	0.16	0.059947	1494.14	1419.29	1532.46	194.23	336.42	2101.85	1888.35	2362.93	139.05	240.84
SMU_1256c_at	0.71	0.64	0.75	0.09	0.16	0.057675	3395.95	3170.85	3552.79	448.69	777.16	4819.43	4329.89	5418.08	318.84	552.24
SMU_1257c_at	0.78	0.66	0.86	0.10	0.18	0.124404	4798.61	4567.69	5216.54	585.26	1013.69	6184.99	5556.74	6953.26	409.18	708.71
SMU_1258c_at	1.04	0.96	1.15	0.10	0.17	0.695861	545.86	491.30	602.76	53.18	92.10	524.90	471.58	590.10	34.73	60.15
SMU_1259_at	0.74	0.65	0.88	0.10	0.18	0.094363	77.34	72.31	83.43	9.91	17.16	105.16	94.47	118.22	6.96	12.05
SMU_1260c_at	0.81	0.77	0.83	0.09	0.16	0.133855	1929.95	1650.26	2210.50	245.53	425.27	2373.28	2132.21	2668.08	157.01	271.94
SMU_1261c_at	0.93	0.79	1.10	0.11	0.19	0.585736	2904.56	2783.78	3092.87	294.07	509.34	3126.48	2808.90	3514.84	206.84	358.25
SMU_1262c_at	0.82	0.80	0.84	0.09	0.16	0.1433	981.30	858.63	1098.58	120.09	208.00	1197.47	1075.84	1346.22	79.22	137.21
SMU_1263c_at	0.76	0.60	0.92	0.12	0.20	0.138144	1492.41	1325.86	1623.31	190.82	330.52	1971.27	1771.04	2216.14	130.41	225.88
SMU_1264c_at	0.66	0.51	0.83	0.12	0.20	0.075682	3814.73	3285.85	4292.43	563.60	976.18	5729.21	5147.26	6440.87	379.02	656.49
SMU_1265c_at	0.65	0.51	0.80	0.11	0.19	0.062783	3373.44	2991.91	3736.89	497.65	861.96	5175.49	4649.79	5818.37	342.39	593.04
SMU_1266c_at	0.52	0.40	0.65	0.11	0.19	0.031051	3067.92	2643.75	3462.49	565.77	979.94	5903.12	5303.50	6636.38	390.53	676.42
SMU_1267c_at	0.64	0.58	0.70	0.09	0.16	0.03789	2948.97	2894.16	2987.45	421.30	729.71	4596.80	4129.87	5167.79	304.11	526.73
SMU_1268c_at	0.47	0.36	0.61	0.11	0.19	0.026552	1529.09	1296.60	1747.29	307.96	533.40	3209.81	2883.77	3608.52	212.35	367.80
SMU_1269c_at	0.52	0.44	0.61	0.10	0.17	0.022995	3420.69	3286.02	3625.98	609.86	1056.31	6612.77	5941.07	7434.18	437.48	757.73
SMU_127_at	1.42	1.15	1.80	0.16	0.28	0.038049	13779.48	12530.38	15743.50	1134.36	1964.76	9725.35	8737.48	10933.40	643.39	1114.39
SMU_1270c_at	0.48	0.35	0.63	0.11	0.19	0.030515	2179.19	1765.17	2549.34	445.38	771.41	4536.70	4075.87	5100.23	300.13	519.84
SMU_1271c_at	0.48	0.38	0.58	0.10	0.18	0.022985	2772.26	2474.98	3015.90	540.72	936.55	5778.18	5191.25	6495.92	382.26	662.10
SMU_1272c_at	0.44	0.32	0.55	0.11	0.18	0.024158	2495.30	2037.50	2785.53	544.16	942.51	5668.31	5092.54	6372.40	374.99	649.51
SMU_1273c_at	0.44	0.35	0.52	0.10	0.17	0.019811	2960.56	2615.18	3170.79	623.48	1079.90	6676.43	5998.26	7505.75	441.69	765.03
SMU_1276c_at	0.77	0.68	0.86	0.10	0.17	0.111938	9859.57	9737.99	9949.77	1175.03	2035.21	12825.82	11523.01	14418.99	848.51	1469.66
SMU_1277c_at	0.75	0.59	0.88	0.11	0.19	0.120946	6312.06	5654.31	6691.81	808.48	1400.33	8454.94	7596.12	9505.18	559.35	968.82
SMU_1278c_at	0.68	0.57	0.75	0.10	0.18	0.061161	5974.81	5586.45	6430.82	821.89	1423.56	8774.19	7882.94	9864.09	580.47	1005.40
SMU_1279c_at	0.67	0.55	0.76	0.10	0.18	0.0559	6034.24	5632.91	6710.15	861.56	1492.27	9037.35	8119.37	10159.94	597.88	1035.56
SMU_128_at	1.28	0.94	1.76	0.19	0.34	0.176239	12251.93	9973.75	15032.37	1360.89	2357.13	9486.51	8522.90	10664.89	627.59	1087.02
SMU_1280c_at	1.38	1.12	1.75	0.16	0.28	0.046808	197.94	179.60	224.62	16.28	28.20	143.16	128.62	160.94	9.47	16.40
SMU_1282_at	0.37	0.27	0.51	0.10	0.18	0.020394	144.32	120.19	177.84	37.79	65.45	390.53	350.86	439.03	25.84	44.75
SMU_1284c_at	2.59	2.11	3.05	0.22	0.39	3.69E-04	838.03	766.26	888.33	39.46	68.35	323.71	290.83	363.92	21.42	37.09
SMU_1286c_at	2.77	2.30	3.13	0.21	0.36	1.64E-04	899.54	844.17	936.40	35.89	62.17	326.00	292.89	366.50	21.57	37.36
SMU_1287_at	1.05	0.95	1.18	0.10	0.18	0.663671	960.90	830.60	1205.40	119.97	207.80	908.03	815.80	1020.82	60.07	104.05

SMU_1288c_at	1.07	1.03	1.15	0.09	0.16	0.467374	9429.23	8968.95	10219.47	854.08	1479.31	8811.22	7916.21	9905.72	582.92	1009.64
SMU_1289c_at	0.85	0.66	1.00	0.12	0.21	0.311489	3034.78	2637.17	3233.67	356.72	617.86	3581.20	3217.43	4026.04	236.92	410.36
SMU_129_at	1.24	0.75	2.10	0.29	0.51	0.404695	7474.67	4827.29	10839.77	1359.17	2354.15	5745.82	5162.18	6459.54	380.12	658.39
SMU_1290c_at	0.72	0.58	0.87	0.11	0.19	0.100272	2054.44	1837.16	2407.13	288.31	499.37	2833.60	2545.77	3185.58	187.46	324.69
SMU_1291c_at	0.66	0.55	0.82	0.11	0.19	0.057848	1316.97	986.67	1579.98	219.25	379.75	1979.38	1778.32	2225.25	130.95	226.81
SMU_1292c_at	0.90	0.74	1.00	0.11	0.19	0.452869	4512.84	4189.21	4850.91	477.97	827.87	5007.89	4499.21	5629.95	331.30	573.84
SMU_1293c_at	1.05	0.88	1.19	0.11	0.20	0.660498	4462.95	4209.85	4645.87	400.30	693.34	4254.47	3822.32	4782.95	281.46	487.50
SMU_1294c_at	0.92	0.86	0.98	0.09	0.16	0.461269	6681.04	6398.73	7029.19	679.37	1176.70	7282.06	6542.37	8186.60	481.75	834.42
SMU_1295c_at	0.75	0.64	0.89	0.10	0.18	0.107572	3400.27	3275.82	3611.87	421.39	729.87	4529.06	4069.02	5091.64	299.63	518.97
SMU_1296_at	1.01	0.65	1.44	0.20	0.34	0.970674	5473.68	3911.55	6891.78	780.57	1351.99	5313.45	4773.73	5973.46	351.52	608.85
SMU_1297_at	1.36	0.99	1.87	0.21	0.36	0.104814	9526.65	7694.44	11638.81	1029.18	1782.60	6918.55	6215.79	7777.95	457.71	792.77
SMU_1298_at	0.96	0.90	1.01	0.09	0.16	0.661212	10724.02	10264.05	11418.53	1061.16	1837.98	11265.45	10121.14	12664.79	745.28	1290.86
SMU_1299c_at	1.63	1.29	2.44	0.26	0.45	0.034871	4343.42	3080.57	6822.60	905.70	1568.72	2488.91	2236.10	2798.07	164.66	285.19
SMU_13_at	0.49	0.46	0.52	0.09	0.16	0.016391	1892.35	1793.46	2015.63	356.67	617.77	3863.17	3470.76	4343.04	255.57	442.67
SMU_130_at	0.96	0.53	1.70	0.26	0.46	0.875105	8031.60	4706.68	11987.28	1665.53	2884.79	7843.73	7046.99	8818.04	518.91	898.78
SMU_1300c_at	1.55	1.29	2.13	0.20	0.35	0.025983	6273.90	4712.29	9230.33	1103.84	1911.91	3858.02	3466.14	4337.25	255.23	442.08
SMU_1301c_at	1.62	1.36	2.10	0.18	0.31	0.011632	10170.19	8037.27	14315.10	1567.07	2714.25	6058.02	5442.67	6810.52	400.78	694.16
SMU_1302c_at	2.04	1.61	2.79	0.26	0.44	0.004486	9031.10	6652.92	13239.27	1541.24	2669.51	4221.01	3792.25	4745.32	279.25	483.67
SMU_1303c_at	1.01	0.79	1.21	0.13	0.23	0.927548	7225.32	6365.90	7785.72	722.78	1251.90	7139.82	6414.59	8026.71	472.34	818.12
SMU_1304c_at	0.99	0.78	1.14	0.12	0.22	0.927432	7520.02	6273.81	8011.08	753.36	1304.85	7621.72	6847.53	8568.46	504.23	873.34
SMU_1305c_at	1.14	0.97	1.26	0.11	0.19	0.257801	8898.36	8588.05	9237.15	730.90	1265.96	7850.75	7053.29	8825.93	519.38	899.59
SMU_1306c_at	1.15	0.97	1.27	0.12	0.20	0.236789	7639.10	7254.39	8084.51	633.74	1097.67	6666.34	5989.20	7494.41	441.02	763.87
SMU_1307c_at	1.11	0.93	1.24	0.12	0.20	0.376461	4882.85	4585.77	5337.57	435.33	754.02	4408.15	3960.39	4955.71	291.63	505.11
SMU_1308c_at	0.85	0.75	0.98	0.10	0.18	0.023209	4790.41	4239.35	5380.07	566.54	981.28	5639.62	5066.77	6340.15	373.10	646.22
SMU_1309c_at	0.81	0.70	0.89	0.10	0.18	0.172489	7225.72	6967.91	7707.02	831.92	1440.93	8894.81	7991.30	9999.68	588.45	1019.22
SMU_131_at	0.86	0.47	1.56	0.25	0.44	0.612776	8742.05	4982.65	13229.30	1909.81	3307.88	9443.99	8484.70	10617.08	624.78	1082.15
SMU_1310_at	1.54	1.42	1.79	0.12	0.22	0.005949	42.47	38.89	44.47	2.87	4.97	27.69	24.87	31.13	1.83	3.17
SMU_1311c_at	1.03	0.88	1.20	0.11	0.20	0.81844	6852.46	6647.80	7222.00	626.83	1085.70	6696.02	6015.86	7527.78	442.98	767.27
SMU_1312c_at	0.95	0.83	1.05	0.10	0.18	0.628422	7029.05	6968.77	7072.87	684.08	1184.85	7468.42	6709.80	8396.12	494.08	855.78
SMU_1313c_at	1.07	0.83	1.33	0.14	0.24	0.641233	5847.19	5125.34	6548.11	579.18	1003.16	5473.01	4917.08	6152.85	362.07	627.13
SMU_1314_at	0.79	0.62	0.94	0.12	0.20	0.176428	2514.94	2227.79	2716.59	311.04	538.74	3201.04	2875.89	3598.66	211.77	366.79
SMU_1315c_at	0.77	0.73	0.82	0.09	0.16	0.093213	4241.75	3756.22	4528.59	533.24	923.59	5511.08	4951.28	6195.64	364.59	631.49
SMU_1316c_at	0.77	0.71	0.84	0.09	0.16	0.097089	4270.66	3526.01	4723.14	572.07	990.86	5536.27	4973.92	6223.97	366.26	634.38
SMU_1317c_at	0.63	0.46	0.79	0.12	0.21	0.06844	1318.53	836.41	1565.16	251.37	435.39	2017.93	1812.95	2268.59	133.50	231.23
SMU_1319c_at	0.98	0.78	1.27	0.14	0.24	0.911337	3797.27	3395.52	4408.85	415.47	719.61	3851.47	3460.25	4329.88	254.80	441.32
SMU_132_at	1.04	0.48	2.61	0.43	0.75	0.913552	3881.03	1650.49	7226.94	1237.35	2143.15	3085.97	2772.51	3469.30	204.16	353.61
SMU_1321c_at	1.05	0.90	1.22	0.11	0.20	0.660359	4367.76	4227.61	4579.98	389.09	673.92	4167.58	3744.25	4685.26	275.71	477.55
SMU_1322c_at	0.76	0.67	0.94	0.11	0.19	0.124516	2689.32	2207.25	3212.13	381.12	660.11	3505.10	3149.06	3940.48	231.88	401.64
SMU_1323_at	0.68	0.55	0.85	0.11	0.19	0.076222	3670.82	3335.98	4107.82	517.68	896.64	5371.95	4826.29	6039.23	355.39	615.55
SMU_1324c_at	1.05	0.91	1.14	0.11	0.18	0.678217	6393.80	6266.82	6628.34	567.97	983.75	6137.42	5514.00	6899.78	406.03	703.26
SMU_1325c_at	0.96	0.80	1.07	0.11	0.19	0.739361	7621.01	7190.50	8047.44	749.79	1298.68	7964.12	7155.15	8953.39	526.88	912.58
SMU_1326c_at	0.90	0.75	1.01	0.11	0.19	0.442994	9410.65	8807.06	9913.54	984.89	1705.88	10464.26	9401.34	11764.09	692.28	1199.06
SMU_1327c_at	0.77	0.58	0.90	0.12	0.21	0.175103	1108.03	934.32	1226.72	145.29	251.64	1431.19	1285.81	1608.96	94.68	163.99
SMU_1334c_at	1.70	1.27	2.18	0.21	0.37	0.012973	3799.75	2676.47	5287.69	582.73	1009.32	2152.88	1934.20	2420.30	142.43	246.69
SMU_1335c_at	1.50	1.19	1.73	0.16	0.27	0.016631	6179.88	4738.92	7485.88	674.40	1168.10	4059.73	3647.36	4564.01	268.58	465.19
SMU_1336c_at	1.93	1.53	2.35	0.19	0.34	0.002831	4262.17	3234.07	5695.34	558.60	967.52	2160.19	1940.76	2428.52	142.91	247.53
SMU_1337c_at	2.37	1.85	3.01	0.26	0.44	0.001282	4248.60	3135.55	5865.74	606.29	1050.13	1735.56	1559.26	1951.14	114.82	198.87
SMU_1338c_at	1.92	1.57	2.18	0.17	0.29	0.001672	3445.65	2722.42	4134.44	331.01	573.32	1772.84	1592.76	1993.05	117.28	203.14
SMU_1339c_at	1.92	1.51	2.29	0.19	0.33	0.002831	8241.87	6285.09	9716.82	819.10	1418.73	4247.61	3816.15	4775.23	281.01	486.72
SMU_133c_at	0.97	0.53	1.43	0.25	0.43	0.920231	83.91	48.94	105.37	14.56	25.22	81.94	73.62	92.12	5.42	9.39

SMU_134_at	0.35	0.31	0.38	0.09	0.15	0.012569	568.16	560.06	577.04	149.93	259.69	1637.30	1470.99	1840.68	108.32	187.61
SMU_1340c_at	2.21	1.76	2.82	0.24	0.41	0.001676	7041.02	5415.40	7988.34	645.33	1117.75	3149.00	2829.13	3540.15	208.33	360.83
SMU_1341c_at	2.31	1.81	3.24	0.31	0.53	0.003	4839.40	3644.48	6000.89	516.74	895.02	2058.59	1849.49	2314.30	136.19	235.89
SMU_1342c_at	3.50	2.79	4.09	0.30	0.52	1.27E-04	8325.78	6428.90	9905.52	750.11	1299.23	2354.82	2115.62	2647.32	155.79	269.83
SMU_1343c_at	3.66	2.91	4.35	0.33	0.56	1.24E-04	6716.22	5158.46	7904.66	599.02	1037.54	1812.91	1628.76	2038.11	119.94	207.73
SMU_1344c_at	2.30	1.82	2.71	0.22	0.38	9.29E-04	4923.02	3717.99	6385.94	584.51	1012.40	2094.23	1881.50	2354.36	138.55	239.97
SMU_1345c_at	2.10	1.66	2.52	0.21	0.36	0.001653	6436.83	4865.74	8513.92	813.65	1409.28	3000.74	2695.94	3373.48	198.52	343.84
SMU_1346c_at	1.87	1.49	2.42	0.21	0.37	0.005047	3594.99	2695.08	5055.66	548.04	949.23	1855.46	1666.99	2085.94	122.75	212.61
SMU_1347c_s_at	1.19	0.97	1.40	0.13	0.23	0.181199	9411.94	7447.11	10951.08	1023.97	1773.57	7833.41	7037.72	8806.45	518.23	897.60
SMU_1348c_s_at	1.07	0.88	1.27	0.12	0.21	0.593069	8430.40	6678.20	11048.93	1179.80	2043.47	7740.35	6954.12	8701.83	512.07	886.94
SMU_1349_at	0.61	0.51	0.68	0.10	0.17	0.036401	2494.04	1847.41	3054.89	443.65	768.42	4015.73	3607.82	4514.54	265.67	460.15
SMU_1352_at	1.10	1.00	1.17	0.10	0.17	0.335079	118.57	105.30	137.38	11.98	20.75	107.34	96.44	120.68	7.10	12.30
SMU_1359_at	1.71	1.19	2.57	0.29	0.51	0.033131	51.56	32.61	80.95	10.85	18.79	27.98	25.14	31.46	1.85	3.21
SMU_135c_at	0.46	0.44	0.47	0.09	0.15	0.014462	2324.17	2173.92	2527.34	473.34	819.84	5105.86	4587.22	5740.09	337.79	585.06
SMU_1360c_at	0.83	0.75	0.93	0.10	0.17	0.196792	6039.84	5225.71	7531.34	842.67	1459.54	7173.11	6444.49	8064.13	474.55	821.94
SMU_1361c_at	0.82	0.74	0.93	0.10	0.17	0.175912	6818.17	5909.44	8578.41	975.03	1688.80	8197.80	7365.09	9216.09	542.34	939.35
SMU_1367c_at	0.95	0.70	1.23	0.15	0.25	0.737398	5603.27	3912.51	7876.03	984.23	1704.74	5694.93	5116.46	6402.34	376.76	652.56
SMU_1368_at	0.36	0.19	0.65	0.15	0.25	0.04986	80.77	44.28	120.60	24.53	42.48	206.49	185.52	232.14	13.66	23.66
SMU_1369_at	0.40	0.31	0.47	0.10	0.17	0.017322	28.83	25.55	30.74	6.73	11.66	72.24	64.90	81.22	4.78	8.28
SMU_1369_x_at	0.43	0.37	0.48	0.09	0.16	0.015145	65.34	64.69	66.57	14.09	24.41	153.77	138.15	172.87	10.17	17.62
SMU_136c_at	0.47	0.43	0.55	0.09	0.16	0.017386	454.95	366.83	582.74	98.54	170.68	950.44	853.90	1068.50	62.88	108.91
SMU_137_at	0.82	0.47	1.09	0.20	0.34	0.447409	1018.44	633.62	1264.38	175.70	304.32	1190.70	1069.75	1338.61	78.77	136.44
SMU_1372c_at	0.99	0.81	1.15	0.12	0.21	0.918827	219.85	174.55	256.69	26.44	45.79	220.84	198.41	248.27	14.61	25.31
SMU_1373c_at	1.45	1.21	1.69	0.14	0.24	0.017411	206.17	165.71	267.14	25.42	44.03	140.23	125.99	157.65	9.28	16.07
SMU_1374_at	1.32	0.79	2.09	0.29	0.51	0.27119	50.55	32.78	69.35	8.21	14.22	36.87	33.12	41.45	2.44	4.22
SMU_1375c_at	0.76	0.67	0.87	0.10	0.17	0.102936	1253.43	1071.09	1591.11	190.87	330.60	1625.59	1460.47	1827.52	107.54	186.27
SMU_1377c_at	0.93	0.88	1.00	0.09	0.16	0.49902	8073.15	7716.77	8674.07	826.84	1432.12	8724.90	7838.66	9808.67	577.21	999.75
SMU_1378_at	1.01	0.60	1.46	0.23	0.39	0.951338	51.50	33.28	64.43	8.02	13.89	49.09	44.10	55.18	3.25	5.62
SMU_138_at	1.13	0.59	1.57	0.29	0.51	0.650297	992.05	554.55	1276.37	174.40	302.07	829.86	745.56	932.94	54.90	95.09
SMU_1381c_at	1.37	1.32	1.44	0.09	0.16	0.010512	2607.59	2257.27	2878.26	217.39	376.52	1904.39	1710.95	2140.94	125.99	218.22
SMU_1382c_at	1.10	0.87	1.25	0.13	0.22	0.475451	5481.46	4916.73	5898.78	503.01	871.25	5007.10	4498.50	5629.07	331.25	573.75
SMU_1383c_at	1.12	0.97	1.23	0.11	0.19	0.304168	5093.81	4839.60	5484.65	440.13	762.32	4556.96	4094.08	5123.01	301.47	522.16
SMU_1384c_at	0.76	0.60	0.88	0.11	0.20	0.132898	5119.33	4545.07	5487.25	652.62	1130.37	6765.35	6078.15	7605.72	447.57	775.22
SMU_1386c_at	1.21	1.11	1.33	0.10	0.18	0.086692	1807.38	1756.92	1870.41	139.41	241.47	1500.87	1348.42	1687.30	99.29	171.98
SMU_1387_at	0.98	0.80	1.18	0.12	0.21	0.857898	5982.19	5516.22	6485.43	595.82	1031.99	6137.29	5513.89	6899.64	406.02	703.25
SMU_1388_at	0.99	0.83	1.18	0.12	0.20	0.962018	6833.51	6460.33	7299.85	654.87	1134.27	6894.67	6194.33	7751.10	456.13	790.03
SMU_1389c_at	1.04	0.90	1.16	0.11	0.18	0.748225	5701.47	5597.93	5754.10	507.38	878.80	5527.73	4966.24	6214.36	365.69	633.40
SMU_139_at	1.12	0.60	1.86	0.30	0.52	0.674541	1312.48	725.70	1971.58	274.14	474.83	1082.63	972.66	1217.11	71.62	124.05
SMU_1390_at	0.95	0.83	1.11	0.11	0.19	0.692449	765.38	742.23	805.12	75.13	130.14	806.09	724.21	906.22	53.33	92.37
SMU_1391c_at	0.92	0.75	1.13	0.12	0.21	0.564068	4599.28	4217.61	5059.66	489.53	847.89	4997.53	4489.90	5618.31	330.62	572.65
SMU_1392c_at	1.57	1.45	1.68	0.10	0.18	0.002346	5117.59	4943.81	5355.68	312.77	541.74	3281.34	2948.04	3688.94	217.08	376.00
SMU_1393c_at	1.49	1.19	1.74	0.15	0.27	0.018169	6155.11	5536.86	6487.37	438.11	758.83	4146.13	3724.98	4661.14	274.29	475.09
SMU_1394c_at	1.31	0.98	1.66	0.17	0.30	0.112048	7996.12	6724.06	9127.25	745.26	1290.83	6104.22	5484.17	6862.46	403.83	699.46
SMU_1395c_at	4.25	2.08	6.29	1.14	1.97	0.004762	238.77	91.54	322.92	52.43	90.80	49.07	44.09	55.17	3.25	5.62
SMU_1396c_at	1.72	1.17	2.65	0.31	0.54	0.037809	4305.24	2459.56	6085.30	771.04	1335.47	2348.09	2109.58	2639.76	155.34	269.06
SMU_1397c_at	1.84	1.73	1.92	0.10	0.17	3.53E-04	480.07	451.86	509.80	26.73	46.29	261.70	235.12	294.21	17.31	29.99
SMU_1398_at	0.35	0.35	0.36	0.09	0.15	0.01172	1590.58	1415.83	1810.18	421.11	729.39	4511.77	4053.48	5072.20	298.48	516.99
SMU_1399_at	1.00	0.80	1.48	0.18	0.31	0.993388	13.29	10.78	17.36	1.93	3.35	13.03	11.71	14.65	0.86	1.49
SMU_14_at	0.64	0.57	0.69	0.09	0.16	0.037754	6830.07	6443.46	7219.72	991.92	1718.05	10695.79	9609.35	12024.37	707.59	1225.59
SMU_140_at	1.30	0.68	2.24	0.35	0.61	0.37136	1497.93	815.02	2318.20	325.46	563.71	1059.97	952.30	1191.63	70.12	121.46

SMU_1400c_at	0.36	0.33	0.39	0.09	0.15	0.0124	2545.41	2496.09	2617.02	654.77	1134.10	7146.60	6420.68	8034.33	472.79	818.90
SMU_1402c_at	1.17	1.08	1.33	0.11	0.18	0.164955	3170.35	2672.57	4008.20	386.27	669.04	2684.98	2412.25	3018.49	177.63	307.66
SMU_1403c_at	1.01	0.90	1.08	0.10	0.17	0.894545	4114.99	3554.65	4894.95	466.42	807.86	4038.13	3627.95	4539.73	267.15	462.71
SMU_1404c_at	0.92	0.85	1.09	0.11	0.18	0.518371	4786.16	4318.65	5080.30	504.48	873.79	5199.44	4671.30	5845.29	343.98	595.78
SMU_1405c_at	1.01	0.91	1.13	0.10	0.18	0.943223	4307.70	3785.74	4792.27	442.10	765.73	4273.48	3839.39	4804.31	282.72	489.68
SMU_1406c_at	0.37	0.34	0.40	0.09	0.15	0.01253	601.41	579.42	628.13	151.39	262.22	1649.99	1482.39	1854.95	109.16	189.07
SMU_1409c_at	0.64	0.63	0.66	0.09	0.16	0.033116	537.45	471.98	606.35	81.12	140.51	833.81	749.12	937.39	55.16	95.54
SMU_141_at	0.96	0.50	1.53	0.27	0.47	0.889966	635.01	341.69	918.80	130.54	226.11	613.29	551.00	689.47	40.57	70.27
SMU_1410_at	0.87	0.69	1.03	0.12	0.21	0.352734	538.49	479.18	621.90	64.37	111.49	620.02	557.04	697.04	41.02	71.05
SMU_1411_at	0.90	0.63	1.08	0.15	0.26	0.560969	427.66	331.38	498.02	55.63	96.35	470.28	422.51	528.70	31.11	53.89
SMU_1412c_at	0.44	0.36	0.49	0.09	0.16	0.017012	3163.52	2955.54	3376.50	667.62	1156.35	7231.87	6497.28	8130.19	478.43	828.67
SMU_1414c_at	1.12	1.02	1.21	0.10	0.17	0.287473	2732.63	2679.10	2815.76	227.23	393.58	2460.68	2210.73	2766.34	162.79	281.96
SMU_1415c_at	0.93	0.77	1.11	0.12	0.20	0.599793	2668.98	2498.10	2872.10	273.89	474.40	2870.53	2578.95	3227.10	189.90	328.92
SMU_1416c_at	0.93	0.75	1.10	0.12	0.21	0.596729	3947.44	3567.53	4196.57	412.89	715.14	4256.56	3824.20	4785.30	281.60	487.74
SMU_1417c_at	0.78	0.67	0.87	0.10	0.18	0.132917	2847.80	2735.83	2958.45	336.70	583.18	3644.15	3273.99	4096.81	241.08	417.57
SMU_1418c_at	0.86	0.71	1.00	0.11	0.19	0.306327	4337.18	4024.20	4558.33	476.85	825.93	5058.33	4544.52	5686.65	334.64	579.61
SMU_1419_at	0.48	0.40	0.54	0.10	0.17	0.019483	2899.27	2740.49	3020.40	554.65	960.69	6024.61	5412.65	6772.97	398.57	690.34
SMU_1420_at	0.55	0.49	0.59	0.09	0.16	0.023245	3958.10	3768.04	4171.02	663.69	1149.54	7193.15	6462.50	8086.66	475.87	824.24
SMU_1421c_at	0.88	0.71	1.03	0.12	0.20	0.385028	164.93	150.09	172.85	17.97	31.12	187.62	168.56	210.92	12.41	21.50
SMU_1422c_at	0.89	0.62	1.18	0.16	0.28	0.555874	87.71	67.16	103.07	11.67	20.21	96.96	87.12	109.01	6.41	11.11
SMU_1423c_at	0.90	0.63	1.13	0.15	0.26	0.545178	195.21	153.26	219.27	24.75	42.86	215.86	193.94	242.68	14.28	24.74
SMU_1424c_at	1.27	0.86	1.95	0.24	0.42	0.265112	167.54	123.38	224.58	24.20	41.91	128.25	115.22	144.18	8.48	14.70
SMU_1425c_at	1.83	1.18	3.44	0.45	0.78	0.062916	360.44	210.17	562.90	76.18	131.94	182.13	163.63	204.75	12.05	20.87
SMU_1426c_at	0.82	0.61	0.98	0.13	0.22	0.254189	7728.10	6500.82	8385.07	968.71	1677.85	9458.57	8497.80	10633.48	625.74	1083.82
SMU_1427c_at	0.75	0.58	0.87	0.12	0.21	0.139033	7060.47	6070.69	7971.26	942.09	1631.75	9372.65	8420.61	10536.89	620.06	1073.98
SMU_1428c_at	0.75	0.58	0.90	0.12	0.20	0.137348	6655.24	5768.25	7758.99	907.55	1571.93	8824.52	7928.16	9920.67	583.80	1011.17
SMU_1429_at	0.69	0.53	0.84	0.12	0.20	0.084418	4523.27	3922.68	4963.28	641.57	1111.23	6583.58	5914.85	7401.37	435.55	754.39
SMU_1430_at	0.98	0.90	1.09	0.10	0.17	0.849091	5706.41	5436.54	5932.94	544.91	943.80	5845.90	5252.10	6572.06	386.74	669.86
SMU_1431c_at	0.86	0.70	1.01	0.11	0.20	0.315524	3007.74	2773.43	3177.92	331.73	574.57	3500.73	3145.14	3935.58	231.60	401.14
SMU_1432c_at	1.16	0.96	1.27	0.12	0.21	0.227106	2966.36	2781.62	3175.25	248.74	430.84	2569.73	2308.71	2888.93	170.00	294.46
SMU_1434c_at	1.17	1.01	1.28	0.11	0.19	0.174594	7175.98	6788.08	7733.44	599.51	1038.38	6165.36	5539.10	6931.20	407.88	706.46
SMU_1435c_at	1.23	0.96	1.45	0.15	0.26	0.151248	2786.11	2423.66	3192.35	259.72	449.84	2254.33	2025.35	2534.36	149.14	258.32
SMU_1436c_at	1.20	0.98	1.41	0.13	0.23	0.170071	2968.33	2716.83	3409.37	275.23	476.71	2473.45	2222.21	2780.70	163.63	283.42
SMU_1437c_at	1.01	0.85	1.14	0.11	0.19	0.935625	5222.02	4931.07	5791.79	515.24	892.42	5180.04	4653.87	5823.49	342.69	593.56
SMU_1438c_at	0.66	0.60	0.70	0.09	0.16	0.039853	4132.14	3949.14	4239.43	581.00	1006.32	6306.52	5665.93	7089.90	417.22	722.64
SMU_143c_at	1.21	1.04	1.39	0.12	0.21	0.117843	13504.45	13011.70	13985.34	1042.49	1805.65	11178.42	10042.95	12566.96	739.52	1280.89
SMU_1442c_at	0.67	0.61	0.73	0.09	0.16	0.045802	5581.36	4499.05	6401.88	851.69	1475.16	8217.40	7382.70	9238.13	543.63	941.60
SMU_1443c_at	0.77	0.67	0.86	0.10	0.17	0.108802	5394.33	4985.28	5873.16	668.17	1157.31	7019.81	6306.77	7891.79	464.41	804.37
SMU_1444c_at	1.40	1.13	1.68	0.15	0.26	0.033861	5068.26	4613.45	5476.95	377.12	653.19	3637.37	3267.90	4089.20	240.64	416.79
SMU_1445c_at	0.89	0.68	1.07	0.13	0.22	0.455056	2821.30	2421.53	3059.83	323.38	560.11	3172.41	2850.16	3566.47	209.87	363.51
SMU_1446c_at	0.80	0.61	0.94	0.12	0.21	0.198904	2710.05	2347.88	3103.63	347.25	601.45	3396.05	3051.09	3817.89	224.67	389.14
SMU_1447c_at	0.71	0.59	0.79	0.10	0.18	0.072856	3591.27	3365.21	3936.20	482.66	836.00	5095.57	4577.98	5728.52	337.10	583.88
SMU_1449_at	0.66	0.47	0.81	0.12	0.22	0.085447	2651.81	2123.06	2919.05	412.29	714.11	4013.97	3606.24	4512.57	265.55	459.95
SMU_144c_at	1.59	1.45	1.74	0.11	0.19	0.002587	11439.78	11235.84	11754.40	671.95	1163.85	7235.56	6500.59	8134.33	478.68	829.09
SMU_145_at	0.09	0.08	0.11	0.07	0.12	0.014141	690.92	621.47	736.95	671.36	1162.83	7328.34	6583.95	8238.63	484.82	839.73
SMU_1450_at	0.69	0.57	0.80	0.10	0.18	0.064836	6545.75	6151.21	6845.25	886.63	1535.68	9553.32	8582.93	10740.00	632.01	1094.68
SMU_1451c_at	0.90	0.67	1.16	0.14	0.24	0.525147	7176.34	6022.19	8294.33	862.98	1494.73	7948.20	7140.85	8935.49	525.82	910.75
SMU_1452c_at	0.91	0.64	1.19	0.16	0.27	0.62041	8543.58	6625.44	9891.98	1097.11	1900.26	9258.90	8318.41	10409.00	612.53	1060.94
SMU_1453c_at	0.88	0.69	1.04	0.12	0.21	0.413953	3249.22	2846.81	3453.14	366.23	634.33	3686.21	3311.78	4144.09	243.87	422.39
SMU_1454c_at	0.85	0.72	0.93	0.11	0.18	0.26061	3753.85	3579.95	3980.93	413.14	715.58	4418.60	3969.78	4967.46	292.32	506.31

SMU_1455c_at	0.78	0.73	0.85	0.09	0.16	0.103221	3229.77	2724.62	3493.50	420.23	727.86	4154.80	3732.77	4670.89	274.87	476.08
SMU_1456c_at	1.01	0.97	1.05	0.09	0.16	0.947282	445.44	383.05	521.93	49.58	85.87	440.87	396.09	495.63	29.17	50.52
SMU_1457c_at	0.89	0.78	1.03	0.11	0.18	0.386239	8647.84	8459.41	8981.24	897.97	1555.32	9723.31	8735.65	10931.10	643.26	1114.16
SMU_1459c_at	0.91	0.78	1.03	0.11	0.18	0.443456	11792.21	11502.18	12070.23	1200.65	2079.59	13053.56	11727.63	14675.02	863.58	1495.76
SMU_1460c_at	0.92	0.82	0.99	0.10	0.17	0.480624	8669.10	8409.54	8853.55	870.51	1507.76	9452.61	8492.45	10626.77	625.35	1083.14
SMU_1461c_at	0.88	0.74	0.98	0.11	0.19	0.368676	6916.42	6489.64	7316.26	738.36	1278.88	7851.15	7053.66	8826.39	519.40	899.63
SMU_1462c_at	1.65	1.19	2.26	0.24	0.42	0.025333	2956.37	2368.00	3597.64	299.54	518.82	1773.95	1593.76	1994.31	117.36	203.27
SMU_1463c_at	2.05	1.63	2.45	0.20	0.34	0.001694	2590.29	2324.64	2780.55	150.96	261.47	1265.28	1136.76	1422.45	83.71	144.98
SMU_1464c_at	1.92	1.43	2.50	0.24	0.42	0.006334	2236.73	1865.52	2600.86	183.83	318.41	1159.02	1041.29	1302.98	76.68	132.81
SMU_1465c_at	1.22	1.03	1.41	0.12	0.21	0.119223	6439.07	6133.43	6722.53	500.61	867.08	5307.49	4768.38	5966.77	351.12	608.17
SMU_1466c_at	1.18	1.00	1.37	0.12	0.21	0.180464	8684.09	8305.56	9095.28	696.27	1205.97	7397.73	6646.29	8316.64	489.41	847.68
SMU_1467c_at	1.01	0.83	1.15	0.12	0.20	0.963559	8743.30	8150.04	9062.77	825.62	1430.02	8721.99	7836.04	9805.40	577.01	999.42
SMU_1470c_at	0.58	0.56	0.62	0.09	0.16	0.023899	1006.69	954.23	1102.34	162.66	281.73	1737.78	1561.26	1953.64	114.97	199.13
SMU_1471c_at	0.74	0.59	1.02	0.13	0.22	0.152535	709.73	627.82	870.90	104.25	180.56	953.54	856.68	1071.98	63.08	109.26
SMU_1472c_at	1.31	0.97	1.81	0.20	0.34	0.13768	4207.25	3455.99	5158.46	458.44	794.04	3173.40	2851.06	3567.59	209.94	363.63
SMU_1473c_at	1.17	0.98	1.34	0.12	0.21	0.206291	7682.47	7235.45	7939.84	624.70	1082.01	6600.01	5929.60	7419.84	436.63	756.27
SMU_1474c_at	1.20	0.95	1.39	0.14	0.24	0.181406	10795.22	9558.21	11658.05	935.86	1620.96	8971.77	8060.45	10086.21	593.54	1028.04
SMU_1475c_at	1.06	0.79	1.24	0.15	0.25	0.715911	6071.78	5070.60	6740.95	637.07	1103.44	5736.75	5154.03	6449.35	379.52	657.35
SMU_1476c_at	1.00	0.76	1.20	0.14	0.24	0.995601	9677.87	8237.19	10406.23	1021.40	1769.11	9670.55	8688.25	10871.79	639.77	1108.11
SMU_1477c_at	1.13	1.04	1.27	0.10	0.18	0.248281	2570.49	2444.76	2667.00	214.08	370.79	2282.52	2050.67	2866.04	151.00	261.54
SMU_1479_at	0.93	0.84	1.01	0.10	0.17	0.520305	9989.78	9748.60	10235.27	992.88	1719.72	10790.99	9694.88	12131.40	713.89	1236.50
SMU_148_at	0.80	0.76	0.81	0.09	0.16	0.115038	12085.72	11129.48	13057.23	1446.86	2506.04	15208.51	13663.68	17097.65	1006.14	1742.68
SMU_1480_at	1.44	1.14	1.85	0.17	0.30	0.036105	2388.62	2120.82	2745.93	200.44	347.17	1652.69	1484.81	1857.98	109.34	189.38
SMU_1482c_at	1.12	1.02	1.35	0.12	0.20	0.324564	2670.01	2399.54	2883.11	239.99	415.68	2379.20	2137.53	2674.73	157.40	272.62
SMU_1483c_at	1.05	0.96	1.22	0.11	0.19	0.646331	2536.71	2341.35	2659.61	232.15	402.09	2418.31	2172.66	2718.70	159.99	277.10
SMU_1484c_at	1.07	0.93	1.31	0.12	0.21	0.609948	3528.78	3228.68	3905.17	334.66	579.65	3316.83	2979.92	3728.84	219.43	380.06
SMU_1485c_at	0.94	0.89	0.99	0.09	0.16	0.548547	2515.51	2344.10	2818.72	268.26	464.63	2684.60	2411.91	3018.07	177.60	307.62
SMU_1486c_at	0.53	0.42	0.73	0.11	0.20	0.038175	631.44	551.38	782.77	121.12	209.79	1186.82	1066.27	1334.24	78.52	135.99
SMU_1487_at	0.55	0.44	0.69	0.11	0.18	0.034011	1234.43	1106.43	1382.17	211.58	366.46	2226.50	2000.34	2503.06	147.30	255.13
SMU_1488c_at	0.51	0.43	0.58	0.10	0.17	0.021609	67.68	64.80	69.26	12.19	21.11	132.57	119.10	149.03	8.77	15.19
SMU_1489c_at	0.49	0.39	0.61	0.10	0.18	0.023984	178.87	162.18	199.52	34.39	59.56	365.94	328.76	411.39	24.21	41.93
SMU_1490c_at	0.36	0.27	0.46	0.10	0.17	0.017761	271.85	229.09	313.00	71.79	124.34	761.44	684.10	856.03	50.37	87.25
SMU_1491c_at	0.46	0.36	0.54	0.10	0.18	0.02198	273.56	237.93	293.75	55.84	96.72	594.11	533.76	667.90	39.30	68.08
SMU_1492c_at	1.11	0.93	1.24	0.12	0.20	0.360836	82.77	77.80	90.40	7.36	12.75	74.46	66.89	83.71	4.93	8.53
SMU_1493c_at	0.89	0.76	1.14	0.12	0.21	0.458223	50.70	45.67	58.25	5.87	10.17	56.64	50.89	63.68	3.75	6.49
SMU_1494c_at	0.85	0.77	0.93	0.10	0.17	0.226901	64.39	63.65	65.44	6.99	12.10	76.05	68.33	85.50	5.03	8.71
SMU_1495c_at	1.06	1.04	1.08	0.09	0.16	0.559465	76.80	68.88	84.76	7.42	12.86	72.77	65.38	81.81	4.81	8.34
SMU_1496c_at	0.85	0.70	1.00	0.11	0.19	0.273563	34.88	32.64	36.97	3.91	6.76	41.26	37.07	46.38	2.73	4.73
SMU_1498c_at	0.50	0.45	0.54	0.09	0.16	0.01804	321.35	298.27	340.81	59.73	103.46	645.34	579.79	725.51	42.69	73.95
SMU_1499c_at	1.04	0.89	1.18	0.11	0.19	0.729172	5102.98	4942.25	5218.64	454.91	787.92	4927.60	4427.07	5539.69	325.99	564.63
SMU_15_at	0.74	0.60	0.89	0.11	0.19	0.114951	10376.41	9422.64	11147.67	1328.27	2300.63	13972.08	12552.84	15707.63	924.34	1601.01
SMU_150_at	0.85	0.75	0.95	0.10	0.17	0.228168	719.12	708.23	727.76	78.17	135.39	852.65	766.04	958.56	56.41	97.70
SMU_1500c_at	1.00	0.71	1.35	0.17	0.29	0.991681	3079.30	2433.72	3693.73	379.30	656.97	3042.79	2733.72	3420.76	201.30	348.66
SMU_1502c_at	1.18	1.06	1.25	0.10	0.18	0.128848	635.98	557.84	746.81	63.64	110.22	538.24	483.56	605.09	35.61	61.67
SMU_1504c_at	1.09	1.01	1.22	0.10	0.18	0.431286	624.99	527.92	782.93	76.75	132.94	569.51	511.66	640.25	37.68	65.26
SMU_1505c_s_at	0.69	0.63	0.78	0.10	0.17	0.054361	2870.30	2538.14	3176.97	401.86	696.04	4150.86	3729.23	4666.46	274.61	475.63
SMU_1506c_at	1.09	0.94	1.26	0.11	0.20	0.433989	831.58	802.41	861.65	70.91	122.81	763.15	685.64	857.95	50.49	87.45
SMU_1507c_at	0.85	0.58	1.11	0.16	0.27	0.425662	666.07	384.80	920.11	128.78	223.05	736.92	662.07	828.46	48.75	84.44
SMU_1508c_at	1.03	1.01	1.05	0.09	0.16	0.767276	739.85	652.98	826.66	74.79	129.53	719.27	646.21	808.61	47.58	82.42
SMU_1509c_at	0.21	0.17	0.24	0.08	0.15	0.012896	410.07	295.56	480.34	180.43	312.51	1919.72	1724.72	2158.18	127.00	219.97

SMU_151_at	0.88	0.80	0.95	0.10	0.17	0.314649	890.29	817.07	940.35	96.21	166.64	1010.34	907.71	1135.84	66.84	115.77
SMU_1510c_at	0.75	0.61	0.97	0.12	0.21	0.139446	6850.26	6245.80	7914.73	914.81	1584.50	9102.20	8177.63	10232.84	602.17	1042.99
SMU_1511c_at	0.79	0.70	0.89	0.10	0.17	0.136639	3796.18	3261.60	4288.29	485.07	840.16	4775.64	4290.55	5368.86	315.94	547.22
SMU_1512c_at	0.69	0.56	0.89	0.11	0.20	0.083844	5163.82	4739.41	5990.78	746.74	1293.40	7505.46	6743.09	8437.76	496.53	860.02
SMU_1513c_at	0.74	0.61	0.95	0.12	0.20	0.123862	4355.37	4010.95	5006.23	584.31	1012.06	5866.15	5270.28	6594.82	388.08	672.18
SMU_1514c_at	0.89	0.79	1.09	0.11	0.20	0.407038	2664.03	2388.44	2933.89	295.85	512.43	2994.01	2689.89	3365.91	198.07	343.07
SMU_1515c_at	1.25	1.07	1.45	0.12	0.21	0.081608	6269.20	6092.14	6561.45	473.45	820.04	5045.03	4532.57	5671.70	333.76	578.09
SMU_1516c_at	1.23	1.00	1.46	0.13	0.23	0.133027	12448.87	11415.72	13337.22	1011.40	1751.79	10167.76	9134.96	11430.76	672.66	1165.08
SMU_1517c_at	1.18	1.06	1.27	0.10	0.18	0.134047	8618.05	8410.56	8746.06	677.61	1173.65	7357.33	6610.00	8271.23	486.73	843.05
SMU_1519_at	0.68	0.59	0.82	0.10	0.18	0.060908	6920.42	6356.20	7591.45	973.04	1685.35	10257.36	9215.46	11531.49	678.59	1175.35
SMU_152_at	0.89	0.80	1.06	0.11	0.19	0.375617	420.12	336.54	485.37	53.07	91.92	469.99	422.25	528.37	31.09	53.85
SMU_1520_at	0.72	0.64	0.82	0.10	0.17	0.071365	5795.65	5562.38	5981.33	745.20	1290.72	8084.09	7262.93	9088.26	534.81	926.32
SMU_1521_at	0.78	0.68	0.89	0.10	0.17	0.120943	8659.03	8493.01	8903.56	1026.61	1778.14	11172.32	10037.48	12560.10	739.12	1280.19
SMU_1522_at	0.77	0.68	0.86	0.10	0.17	0.107214	7376.47	7345.98	7405.01	881.14	1526.18	9623.99	8646.42	10819.44	636.69	1102.78
SMU_1523c_at	1.91	1.38	2.72	0.29	0.50	0.011807	2863.91	2293.80	3609.22	306.98	531.71	1477.82	1327.71	1661.39	97.77	169.34
SMU_1524c_at	1.28	1.17	1.39	0.10	0.18	0.034956	2450.41	2217.96	2601.18	194.36	336.64	1917.70	1722.91	2155.91	126.87	219.74
SMU_1525c_at	1.13	0.88	1.35	0.14	0.24	0.358863	9191.19	8061.85	9794.55	842.76	1459.71	8105.10	7281.81	9111.89	536.20	928.73
SMU_1526c_at	0.83	0.60	1.07	0.14	0.25	0.336777	1782.63	1100.50	2142.67	306.04	530.08	2056.28	1847.41	2311.71	136.04	235.62
SMU_1527c_at	1.00	0.94	1.05	0.09	0.16	0.962091	7554.06	7001.62	7958.82	719.30	1245.86	7540.05	6774.16	8476.65	498.82	863.99
SMU_1528c_at	0.95	0.84	1.02	0.10	0.17	0.639522	11218.63	10898.92	11567.37	1096.11	1898.53	11879.42	10672.75	13355.03	785.90	1361.22
SMU_1529c_at	0.81	0.73	0.86	0.10	0.16	0.137755	6598.97	6140.65	6895.66	769.96	1333.61	8216.53	7381.92	9237.15	543.58	941.50
SMU_153_at	0.85	0.66	1.01	0.12	0.21	0.310708	527.00	355.35	683.48	86.97	150.64	603.18	541.91	678.11	39.90	69.12
SMU_1530c_at	0.92	0.80	1.00	0.10	0.18	0.497212	8471.68	8274.72	8857.91	856.72	1483.87	9238.42	8300.02	10385.98	611.18	1058.59
SMU_1531c_at	0.97	0.93	1.03	0.09	0.16	0.774383	7060.04	6040.30	7860.69	765.14	1325.26	7256.81	6519.69	8158.22	480.08	831.53
SMU_1532c_at	0.83	0.75	0.90	0.10	0.17	0.178305	5130.24	4727.70	5444.37	587.46	1017.51	6205.42	5575.09	6976.23	410.53	711.05
SMU_1533c_at	0.82	0.73	0.91	0.10	0.17	0.176007	4608.57	4208.52	4994.74	537.81	931.51	5606.67	5037.16	6303.11	370.92	642.45
SMU_1534c_at	0.59	0.48	0.79	0.11	0.20	0.048336	3225.85	2312.88	4126.46	612.52	1060.91	5330.17	4788.75	5992.26	352.62	610.76
SMU_1535c_at	1.19	1.04	1.55	0.15	0.25	0.226676	8348.40	7187.99	9713.59	825.48	1429.78	6997.68	6286.88	7686.90	462.94	801.84
SMU_1536c_at	1.24	1.02	1.56	0.15	0.25	0.138389	4907.07	3922.34	5528.23	503.69	872.42	3934.26	3534.63	4422.95	260.28	450.81
SMU_1537c_at	1.26	1.00	1.62	0.16	0.27	0.134614	3318.33	2563.07	3791.12	360.49	624.38	2611.05	2345.83	2935.38	172.74	299.19
SMU_1538c_at	1.35	1.08	1.91	0.20	0.34	0.102787	5747.49	4429.95	7196.70	684.18	1185.04	4187.81	3762.42	4708.00	277.05	479.86
SMU_1539c_at	1.23	1.03	1.61	0.15	0.27	0.169143	4287.62	3469.00	5011.32	447.96	775.90	3461.63	3110.01	3891.62	229.01	396.66
SMU_154_at	0.89	0.87	0.90	0.09	0.16	0.308664	4848.93	4418.92	5337.28	534.58	925.92	5463.88	4908.88	6142.59	361.47	626.09
SMU_1541c_at	0.88	0.69	1.05	0.12	0.21	0.420284	7939.99	6985.05	8473.68	889.60	1540.83	8986.75	8073.90	10103.05	594.53	1029.76
SMU_1542c_at	0.87	0.70	1.03	0.12	0.20	0.366491	5684.07	5131.64	6044.32	629.00	1089.47	6520.35	5858.04	7330.28	431.36	747.14
SMU_1543c_at	0.87	0.60	1.18	0.16	0.27	0.490356	4528.72	3479.37	5408.95	614.85	1064.96	5115.64	4596.01	5751.08	338.43	586.18
SMU_1545c_at	0.70	0.64	0.77	0.09	0.16	0.054096	2638.37	2541.17	2745.54	350.19	606.54	3797.71	3411.95	4269.44	251.24	435.16
SMU_1546_at	0.56	0.46	0.63	0.10	0.18	0.030951	2712.88	2476.80	2959.18	451.22	781.54	4809.87	4321.30	5407.34	318.20	551.14
SMU_1547c_at	1.70	1.23	2.44	0.26	0.45	0.024577	2514.22	2019.59	3190.61	281.20	487.06	1457.68	1309.61	1638.74	96.43	167.03
SMU_1548c_at	1.63	1.33	2.10	0.18	0.32	0.011397	3520.15	3215.28	4060.66	274.79	475.94	2151.30	1932.77	2418.52	142.32	246.51
SMU_155_at	1.12	0.95	1.24	0.11	0.20	0.318488	7226.72	6931.58	7522.89	604.65	1047.28	6471.78	5814.40	7275.68	428.15	741.58
SMU_1550c_at	1.78	1.54	2.01	0.14	0.24	0.001593	286.63	278.44	290.94	15.05	26.07	161.25	144.87	181.28	10.67	18.48
SMU_1551c_at	2.13	1.76	2.96	0.27	0.47	0.003838	342.64	287.57	424.31	32.87	56.94	159.37	143.18	179.17	10.54	18.26
SMU_1552c_at	2.53	2.34	2.75	0.12	0.21	4.52E-05	476.56	421.93	578.90	40.07	69.40	187.31	168.28	210.58	12.39	21.46
SMU_1553c_at	2.32	1.98	3.06	0.25	0.43	0.001374	373.58	308.98	440.01	30.50	52.83	159.91	143.67	179.78	10.58	18.32
SMU_1554c_at	2.44	2.19	2.62	0.13	0.23	7.66E-05	270.21	237.16	312.72	18.75	32.48	110.59	99.35	124.32	7.32	12.67
SMU_1555c_at	0.83	0.79	0.90	0.09	0.16	0.178631	3611.75	3478.69	3859.52	406.84	704.66	4339.53	3898.74	4878.57	287.09	497.25
SMU_1556c_at	1.00	0.88	1.12	0.10	0.18	0.976749	7041.80	6972.07	7106.59	645.94	1118.80	7049.32	6333.27	7924.96	466.36	807.75
SMU_1557c_at	1.15	0.91	1.45	0.15	0.25	0.330828	3531.30	3146.41	4007.85	333.31	577.31	3072.58	2760.47	3454.24	203.27	352.07
SMU_1558c_at	1.36	1.24	1.49	0.10	0.18	0.015797	3136.71	3085.17	3227.32	214.24	371.08	2313.73	2078.71	2601.13	153.07	265.12

SMU_156_at	1.12	1.03	1.19	0.10	0.17	0.245495	4820.20	4599.30	5002.80	402.76	697.60	4303.88	3866.71	4838.49	284.73	493.17
SMU_1560_at	1.01	0.79	1.34	0.15	0.25	0.955247	512.17	451.07	610.44	58.07	100.58	505.46	454.12	568.25	33.44	57.92
SMU_1561c_at	0.73	0.53	0.96	0.13	0.23	0.15842	4361.11	3491.04	5098.07	633.78	1097.74	5901.15	5301.73	6634.17	390.40	676.19
SMU_1562c_at	0.76	0.54	0.95	0.13	0.23	0.183741	5066.30	4042.39	5703.73	710.44	1230.52	6653.74	5977.87	7480.24	440.19	762.43
SMU_1563c_at	0.81	0.55	1.04	0.15	0.26	0.296019	7057.84	5399.47	8091.47	989.78	1714.35	8662.65	7782.73	9738.69	573.09	992.62
SMU_1564c_at	0.83	0.73	0.93	0.10	0.17	0.193125	4896.76	4508.44	5355.58	569.35	986.14	5919.08	5317.84	6654.33	391.58	678.25
SMU_1565c_at	0.85	0.73	1.00	0.11	0.19	0.261937	6865.85	6126.65	7882.09	827.41	1433.11	8075.85	7255.53	9079.00	534.27	925.38
SMU_1566c_at	1.45	1.26	1.62	0.12	0.21	0.010833	9733.83	9537.10	9847.29	621.71	1076.83	6748.04	6062.60	7586.26	446.43	773.23
SMU_1568_at	0.66	0.56	0.80	0.10	0.18	0.055143	4617.67	3994.93	5463.90	710.37	1230.40	6981.24	6272.11	7848.42	461.85	799.95
SMU_1569_at	0.97	0.77	1.27	0.14	0.24	0.815419	2850.94	2416.44	3612.89	379.91	658.03	2916.43	2620.19	3278.70	192.94	334.18
SMU_157_at	1.04	0.89	1.15	0.11	0.19	0.710974	7784.11	7537.16	8048.00	694.49	1202.90	7499.81	6738.01	8431.41	496.16	859.37
SMU_1570_at	1.37	1.10	1.79	0.17	0.29	0.058947	3351.41	2849.96	4214.66	377.87	654.49	2413.64	2168.47	2713.45	159.68	276.57
SMU_1571_at	1.18	0.92	1.61	0.17	0.29	0.297069	3361.41	2804.61	4386.47	443.87	768.81	2792.43	2508.78	3139.29	184.74	319.97
SMU_1572c_at	0.81	0.72	0.92	0.10	0.17	0.158835	9794.13	9521.20	10041.17	1117.69	1935.89	12153.12	10918.65	13662.73	804.01	1392.58
SMU_1573c_at	0.76	0.60	0.91	0.12	0.20	0.14232	5191.12	4605.85	5571.08	658.20	1140.03	6813.97	6121.83	7660.37	450.79	780.79
SMU_1574c_at	0.79	0.71	0.90	0.10	0.17	0.124282	6863.81	6523.57	7057.63	812.17	1406.71	8772.96	7881.83	9862.70	580.39	1005.26
SMU_1575c_at	0.76	0.67	0.88	0.10	0.18	0.106327	1806.85	1397.14	2319.51	287.29	497.60	2336.70	2099.35	2626.96	154.59	267.75
SMU_1576c_at	0.82	0.75	0.92	0.10	0.17	0.16184	2174.22	2047.75	2261.82	249.05	431.36	2673.98	2402.36	3006.13	176.90	306.40
SMU_1577c_at	1.35	1.21	1.52	0.11	0.19	0.022267	2917.51	2825.56	2968.28	201.69	349.33	2174.14	1953.30	2444.20	143.83	249.13
SMU_1578_at	0.80	0.65	0.95	0.11	0.19	0.177308	3197.49	2938.42	3432.00	381.78	661.26	4021.30	3612.83	4520.81	266.03	460.79
SMU_1579_at	1.37	1.30	1.51	0.10	0.18	0.013392	1423.64	1337.69	1521.10	102.53	177.59	1041.67	935.86	1171.06	68.91	119.36
SMU_158_at	1.26	1.04	1.48	0.13	0.23	0.090999	5308.24	4955.71	5642.50	412.24	714.02	4233.99	3803.91	4759.92	280.11	485.16
SMU_1581c_at	0.72	0.51	0.92	0.13	0.23	0.143125	5900.57	4655.18	6721.94	869.84	1506.61	8146.19	7318.73	9158.08	538.92	933.44
SMU_1582c_at	0.65	0.53	0.74	0.11	0.18	0.054314	3439.50	3124.83	3823.32	503.79	872.59	5271.28	4735.85	5926.06	348.73	604.02
SMU_1584c_at	1.29	0.90	1.66	0.20	0.34	0.169632	308.61	239.32	354.01	33.03	57.22	237.24	213.14	266.71	15.69	27.18
SMU_1585c_at	1.34	1.23	1.41	0.10	0.17	0.016632	1752.08	1658.35	1813.43	124.56	215.74	1309.95	1176.89	1472.67	86.66	150.10
SMU_1586c_at	0.95	0.63	1.42	0.19	0.33	0.823655	8330.33	5973.25	11646.18	1431.80	2479.96	8420.30	7564.99	9466.24	557.06	964.85
SMU_1587c_at	0.80	0.52	1.24	0.18	0.31	0.358543	5415.68	3786.00	7870.75	1064.14	1843.14	6480.76	5822.47	7285.78	428.74	742.61
SMU_1588c_at	0.77	0.63	0.91	0.11	0.19	0.136352	6361.46	5891.53	6795.47	780.35	1351.61	8281.09	7439.92	9309.73	547.85	948.90
SMU_1589c_at	0.92	0.77	1.08	0.11	0.20	0.532262	6239.35	5878.21	6581.05	638.82	1106.47	6799.28	6108.63	7643.86	449.82	779.10
SMU_159_at	1.38	1.18	1.62	0.13	0.22	0.026147	3966.82	3823.19	4206.08	277.55	480.73	2885.53	2592.43	3243.96	190.90	330.64
SMU_1590c_at	2.75	2.23	4.11	0.41	0.71	0.002286	3165.90	2458.18	4161.37	376.65	652.38	1127.06	1012.58	1267.06	74.56	129.15
SMU_1591c_at	1.60	1.46	1.89	0.13	0.23	0.004834	9545.22	8549.40	10170.81	653.06	1131.13	5981.00	5373.47	6723.94	395.68	685.34
SMU_1592_at	0.53	0.41	0.65	0.11	0.18	0.030894	1721.44	1505.70	1917.80	310.07	537.06	3259.08	2928.03	3663.91	215.61	373.44
SMU_1593c_at	1.20	1.03	1.37	0.12	0.20	0.128928	7137.70	6947.28	7350.24	552.92	957.69	5971.88	5365.28	6713.69	395.08	684.30
SMU_1595c_at	1.02	0.77	1.27	0.14	0.25	0.909401	1328.62	966.62	1554.56	174.78	302.72	1284.57	1154.09	1444.13	84.98	147.19
SMU_1596c_at	0.64	0.52	0.76	0.10	0.18	0.048804	113.96	90.79	129.94	18.30	31.70	177.61	159.57	199.67	11.75	20.35
SMU_1597c_at	0.92	0.76	1.16	0.13	0.22	0.572656	28.56	22.36	39.34	4.74	8.21	30.13	27.07	33.87	1.99	3.45
SMU_1598c_at	0.95	0.69	1.28	0.16	0.27	0.760092	51.25	35.81	60.81	7.35	12.72	52.84	47.47	59.40	3.50	6.05
SMU_1599c_at	1.15	0.91	1.55	0.16	0.28	0.372337	57.89	44.13	69.37	6.94	12.01	49.70	44.65	55.87	3.29	5.69
SMU_16_at	1.72	1.46	2.01	0.15	0.25	0.002984	1603.54	1537.15	1690.77	91.37	158.27	934.02	839.14	1050.04	61.79	107.03
SMU_160_at	1.38	1.20	1.51	0.12	0.20	0.018479	3988.62	3919.65	4089.98	268.89	465.73	2909.79	2614.22	3271.23	192.50	333.42
SMU_1600c_at	1.02	0.81	1.18	0.13	0.22	0.906542	42.25	32.46	50.87	5.35	9.27	41.09	36.92	46.19	2.72	4.71
SMU_1601c_at	0.73	0.67	0.80	0.09	0.16	0.07256	1094.09	986.57	1172.46	142.22	246.33	1492.91	1341.26	1678.35	98.77	171.07
SMU_1602_at	0.63	0.47	0.74	0.12	0.20	0.061265	5500.05	4579.37	6278.48	871.39	1509.29	8714.65	7829.44	9797.15	576.53	998.58
SMU_1603_at	0.72	0.59	0.85	0.11	0.19	0.092111	4769.43	4374.71	5070.24	623.61	1080.12	6622.98	5950.24	7445.66	438.15	758.90
SMU_1604c_at	0.81	0.63	1.16	0.15	0.25	0.301768	703.29	457.90	1060.99	149.30	258.59	814.42	731.69	915.58	53.88	93.32
SMU_1605_at	1.10	0.69	1.61	0.22	0.39	0.642709	257.64	177.22	329.14	37.47	64.90	227.07	204.01	255.28	15.02	26.02
SMU_1606c_at	1.39	1.26	1.59	0.11	0.20	0.015061	3128.96	2971.61	3215.96	213.64	370.04	2252.83	2023.99	2532.67	149.04	258.14
SMU_1607c_at	1.30	1.10	1.61	0.14	0.24	0.071247	3037.45	2826.75	3388.14	248.12	429.76	2342.37	2104.44	2633.33	154.96	268.40

SMU_1609c_at	0.73	0.70	0.76	0.09	0.16	0.063333	2162.45	1858.34	2426.21	294.88	510.74	2957.57	2657.15	3324.94	195.66	338.90
SMU_161_at	1.41	1.18	1.58	0.13	0.23	0.020549	1933.64	1823.61	2016.73	132.64	229.74	1379.48	1239.36	1550.83	91.26	158.07
SMU_1610c_at	1.65	1.55	1.80	0.11	0.18	0.001418	542.69	456.52	594.83	42.96	74.41	328.35	295.00	369.14	21.72	37.62
SMU_1611c_at	1.59	1.20	2.05	0.20	0.35	0.020376	3075.64	2595.43	3542.08	261.49	452.91	1923.67	1728.27	2162.62	127.26	220.43
SMU_1612c_at	1.17	0.94	1.37	0.13	0.23	0.238007	4944.70	4506.95	5221.12	419.19	726.06	4247.61	3816.15	4775.23	281.01	486.72
SMU_1613c_at	1.08	0.88	1.19	0.12	0.21	0.541428	5282.68	4858.33	5724.80	483.44	837.34	4914.14	4414.98	5524.55	325.10	563.09
SMU_1614c_at	1.04	0.83	1.19	0.13	0.22	0.761098	4726.21	4262.33	5046.54	449.50	778.55	4554.40	4091.78	5120.14	301.30	521.87
SMU_1615c_at	1.06	0.76	1.29	0.16	0.27	0.722893	4176.88	3366.15	4622.45	460.03	796.80	3926.25	3527.44	4413.96	259.75	449.89
SMU_1616c_at	1.01	0.82	1.18	0.12	0.21	0.916589	5024.52	4589.72	5249.70	480.29	831.90	4970.25	4465.39	5587.64	328.81	569.52
SMU_1617c_at	1.02	0.83	1.13	0.12	0.20	0.890066	5040.24	4657.22	5426.06	481.11	833.31	4967.80	4463.19	5584.88	328.65	569.24
SMU_1618c_at	0.86	0.75	0.97	0.10	0.18	0.281127	3393.56	3113.83	3739.58	382.80	663.03	3933.43	3533.89	4422.03	260.22	450.72
SMU_1619c_at	0.82	0.65	0.96	0.12	0.20	0.23845	4299.00	3796.71	4578.61	511.24	885.49	5235.06	4703.30	5885.34	346.33	599.87
SMU_1620c_at	0.46	0.34	0.54	0.11	0.19	0.025668	2470.51	2018.39	2812.25	517.36	896.10	5349.94	4806.51	6014.49	353.93	613.03
SMU_1621c_at	0.72	0.62	0.78	0.10	0.17	0.068113	3368.27	2610.55	3922.55	508.80	881.27	4659.74	4186.42	5238.56	308.27	533.94
SMU_1622c_at	0.62	0.54	0.67	0.10	0.17	0.034115	4215.88	4038.00	4458.11	632.14	1094.89	6836.61	6142.17	7685.82	452.28	783.38
SMU_1623c_at	1.03	0.88	1.21	0.11	0.20	0.800212	3623.76	3496.50	3838.99	332.07	575.16	3529.66	3171.13	3968.10	233.51	404.45
SMU_1624c_at	0.92	0.77	1.06	0.11	0.19	0.526959	5574.73	5257.89	5769.37	567.59	983.09	6075.79	5458.63	6830.50	401.95	696.20
SMU_1625c_at	0.82	0.65	0.97	0.12	0.20	0.230738	6699.36	5996.26	7132.57	789.34	1367.17	8175.25	7344.83	9190.75	540.84	936.77
SMU_1626c_at	0.82	0.73	0.93	0.10	0.17	0.185121	10063.62	9873.08	10266.57	1124.51	1947.72	12251.83	11007.33	13773.70	810.54	1403.89
SMU_1627c_at	0.81	0.69	0.91	0.10	0.18	0.161362	12421.32	12033.21	12697.52	1425.17	2468.47	15490.80	13917.30	17415.01	1024.81	1775.03
SMU_1628_at	0.49	0.34	0.71	0.12	0.22	0.043076	237.50	178.97	302.14	50.26	87.05	474.73	426.50	533.69	31.41	54.40
SMU_1629c_at	1.13	0.85	1.55	0.17	0.30	0.4663	3847.15	3212.58	4717.26	443.75	768.60	3378.10	3034.96	3797.71	223.48	387.08
SMU_162c_at	1.21	1.07	1.43	0.12	0.21	0.121573	2583.16	2238.33	2762.51	230.19	398.69	2132.54	1915.92	2397.43	141.08	244.36
SMU_1631_at	0.40	0.36	0.43	0.09	0.16	0.013446	1016.11	891.03	1200.42	239.34	414.55	2511.33	2256.24	2823.28	166.14	287.76
SMU_1632c_at	0.73	0.58	0.89	0.11	0.20	0.113451	4280.83	3809.39	4683.03	564.14	977.13	5840.15	5246.93	6565.59	386.36	669.20
SMU_1633c_at	0.75	0.68	0.80	0.09	0.16	0.082232	2915.39	2353.66	3366.39	411.56	712.84	3863.72	3471.25	4343.65	255.61	442.73
SMU_1634c_at	0.62	0.56	0.65	0.09	0.16	0.031087	3730.46	3527.50	3841.95	558.95	968.13	6054.82	5439.79	6806.92	400.56	693.80
SMU_1635c_at	0.56	0.44	0.64	0.10	0.18	0.032082	2981.34	2650.85	3189.65	506.04	876.49	5374.78	4828.83	6042.41	355.58	615.88
SMU_1636c_at	0.93	0.84	1.01	0.10	0.17	0.509153	3641.34	3577.81	3730.53	362.48	627.83	3943.52	3542.95	4433.37	260.89	451.87
SMU_1637c_at	0.92	0.87	0.98	0.09	0.16	0.471981	4136.02	3723.21	4409.48	436.60	756.22	4484.77	4029.22	5041.85	296.70	513.89
SMU_1638c_at	1.24	1.00	1.44	0.13	0.23	0.116854	1540.63	1096.88	1967.02	209.70	363.22	1215.85	1092.35	1366.88	80.44	139.32
SMU_1639c_at	0.95	0.78	1.11	0.12	0.20	0.717242	6405.19	5925.34	6738.34	640.44	1109.27	6732.89	6048.99	7569.23	445.42	771.50
SMU_163c_at	1.26	1.07	1.46	0.12	0.21	0.071315	1453.58	1200.67	1662.05	141.77	245.55	1144.64	1028.38	1286.83	75.73	131.16
SMU_164_at	0.70	0.56	0.82	0.11	0.19	0.081547	3095.04	2785.24	3253.65	419.08	725.87	4418.53	3969.71	4967.38	292.31	506.30
SMU_1641c_at	0.96	0.88	1.04	0.10	0.17	0.671854	10116.88	8999.52	12260.65	1225.88	2123.29	10522.44	9453.61	11829.50	696.13	1205.73
SMU_1642c_at	0.76	0.72	0.82	0.09	0.16	0.087451	1767.38	1641.48	1953.19	222.74	385.80	2320.15	2084.48	2608.36	153.49	265.86
SMU_1643c_at	0.84	0.78	0.88	0.09	0.16	0.191002	1032.24	936.07	1210.02	128.46	222.50	1223.36	1099.10	1375.32	80.93	140.18
SMU_1644c_at	0.63	0.60	0.70	0.09	0.16	0.034134	3413.59	2891.47	4200.40	565.42	979.34	5346.28	4803.22	6010.37	353.69	612.61
SMU_1645_at	1.38	1.09	1.71	0.16	0.28	0.047036	6166.52	5485.80	6854.87	495.18	857.68	4465.14	4011.59	5019.78	295.40	511.64
SMU_1646c_at	0.91	0.78	1.10	0.11	0.20	0.47039	1874.89	1759.05	2050.92	200.15	346.67	2074.19	1863.50	2331.83	137.22	237.67
SMU_1647c_at	0.82	0.75	0.90	0.10	0.17	0.162146	1863.83	1654.66	2269.94	251.47	435.56	2254.97	2025.92	2535.07	149.18	258.39
SMU_1648c_at	0.83	0.72	0.91	0.10	0.17	0.187215	270.35	229.13	314.24	34.56	59.87	326.20	293.07	366.72	21.58	37.38
SMU_1649_at	1.11	0.88	1.36	0.14	0.24	0.4346	11105.48	9925.36	12195.21	1026.55	1778.04	9999.99	8984.23	11242.15	661.56	1145.86
SMU_165_at	0.73	0.58	0.94	0.12	0.21	0.119697	3919.82	3485.53	4510.66	537.06	930.22	5368.93	4823.57	6035.84	355.19	615.20
SMU_1650c_at	0.76	0.66	0.90	0.11	0.18	0.11689	1542.94	1486.19	1646.90	189.38	328.01	2029.18	1823.06	2281.24	134.24	232.52
SMU_1651_at	0.86	0.79	0.93	0.10	0.17	0.251696	4124.20	4021.23	4244.27	441.73	765.09	4798.91	4311.45	5395.01	317.48	549.89
SMU_1652c_at	0.90	0.86	0.92	0.09	0.16	0.341858	3411.27	2927.20	3880.98	398.43	690.09	3796.70	3411.05	4268.31	251.18	435.05
SMU_1653c_at	0.88	0.86	0.89	0.09	0.16	0.289042	7386.49	6730.07	8100.29	816.79	1414.72	8379.60	7528.43	9420.49	554.36	960.19
SMU_1654c_at	0.92	0.87	0.98	0.09	0.16	0.45742	9261.98	8866.60	9820.72	946.42	1639.25	10097.01	9071.39	11351.22	667.98	1156.98
SMU_1655c_at	0.93	0.91	0.97	0.09	0.16	0.498912	4729.31	4459.27	5205.57	496.18	859.41	5096.28	4578.62	5729.32	337.15	583.96

SMU_1656c_at	0.91	0.88	0.94	0.09	0.16	0.391807	7739.43	7169.60	8475.60	827.31	1432.94	8530.65	7664.14	9590.30	564.36	977.49
SMU_1657c_at	0.08	0.06	0.13	0.07	0.12	0.016029	248.40	186.98	343.44	270.56	468.62	2931.83	2634.02	3296.01	193.96	335.95
SMU_1658c_at	0.07	0.04	0.14	0.07	0.12	0.018735	539.59	294.05	904.20	691.97	1198.53	7420.86	6667.07	8342.65	490.94	850.33
SMU_1659c_at	0.50	0.38	0.61	0.11	0.18	0.028661	3216.21	2731.80	3521.44	610.28	1057.03	6392.10	5742.81	7186.10	422.88	732.45
SMU_166_at	1.41	0.93	2.06	0.26	0.45	0.127245	2331.04	1438.54	2938.12	353.60	612.45	1588.68	1427.30	1786.01	105.10	182.04
SMU_1660c_at	0.63	0.56	0.70	0.10	0.16	0.035755	4280.50	3401.25	4815.04	692.95	1200.23	6751.60	6065.80	7590.26	446.66	773.64
SMU_1661c_at	0.47	0.32	0.57	0.11	0.20	0.030737	2989.34	2316.99	3371.41	629.38	1090.12	6362.34	5716.07	7152.64	420.91	729.04
SMU_1662c_at	0.53	0.44	0.60	0.10	0.17	0.024078	4745.91	4452.23	5308.99	848.11	1468.97	9005.06	8090.36	10123.64	595.74	1031.85
SMU_1663c_at	0.48	0.33	0.60	0.12	0.20	0.03539	3232.56	2446.95	3860.40	673.32	1166.23	6617.41	5945.23	7439.39	437.78	758.26
SMU_1664c_at	1.12	1.01	1.22	0.10	0.17	0.292551	8660.34	8535.61	8864.89	717.73	1243.15	7799.40	7007.16	8768.21	515.98	893.70
SMU_1665c_at	1.19	1.05	1.33	0.11	0.19	0.132659	10555.25	10497.94	10638.89	818.64	1417.93	8936.10	8028.40	10046.11	591.18	1023.95
SMU_1666c_at	1.18	1.00	1.33	0.12	0.20	0.167362	11412.82	10966.46	11652.14	903.64	1565.15	9718.70	8731.51	10925.92	642.95	1113.63
SMU_1667c_at	1.20	1.08	1.29	0.10	0.18	0.102102	10151.14	9870.13	10337.78	786.60	1362.44	8520.93	7655.40	9579.36	563.71	976.38
SMU_1668c_at	1.31	1.11	1.50	0.12	0.21	0.043434	10023.93	9578.85	10340.15	719.38	1245.99	7656.19	6878.50	8607.21	506.51	877.29
SMU_1669c_at	1.07	0.89	1.25	0.12	0.21	0.589935	12493.30	11813.15	13246.03	1114.94	1931.13	11748.81	10555.40	13208.19	777.26	1346.25
SMU_167_at	1.31	0.89	1.75	0.21	0.37	0.173998	1521.10	975.24	1820.47	219.09	379.47	1126.55	1012.12	1266.49	74.53	129.09
SMU_1670c_at	1.11	1.06	1.17	0.09	0.16	0.296849	3011.46	2669.34	3246.41	278.40	482.20	2724.08	2447.38	3062.46	180.22	312.14
SMU_1671c_at	0.97	0.90	1.05	0.10	0.17	0.755602	4119.64	3671.43	4382.31	421.48	730.03	4262.70	3829.71	4792.19	282.00	488.45
SMU_1672c_at	0.91	0.89	0.93	0.09	0.16	0.406737	6397.16	5745.42	7339.92	726.27	1257.94	7002.34	6291.06	7872.14	463.25	802.37
SMU_1673c_at	0.74	0.71	0.76	0.09	0.16	0.066411	7254.17	6705.56	7832.04	932.66	1615.42	9872.54	8869.72	11098.87	653.13	1131.26
SMU_1674c_at	0.49	0.43	0.57	0.09	0.16	0.019448	568.60	551.88	593.50	106.40	184.30	1158.12	1040.48	1301.98	76.62	132.70
SMU_1675c_at	0.51	0.41	0.59	0.10	0.17	0.024855	1090.95	982.23	1151.15	199.78	346.03	2141.28	1923.77	2407.26	141.66	245.36
SMU_1676c_at	0.87	0.73	1.02	0.11	0.19	0.333253	3659.18	3459.02	3866.36	394.61	683.48	4213.53	3785.54	4736.92	278.75	482.81
SMU_1677_at	0.92	0.84	1.09	0.11	0.19	0.494937	1768.03	1585.92	1895.65	188.92	327.22	1933.17	1736.81	2173.31	127.89	221.51
SMU_1678_at	1.06	0.91	1.28	0.12	0.21	0.630721	1436.61	1203.05	1553.94	148.79	257.71	1351.94	1214.62	1519.87	89.44	154.91
SMU_1679c_at	0.79	0.63	0.91	0.11	0.20	0.171821	4918.34	4381.24	5526.19	617.17	1068.98	6233.47	5600.30	7007.77	412.38	714.27
SMU_168_at	1.43	0.95	1.98	0.24	0.42	0.099493	1556.30	979.72	1868.54	225.63	390.80	1050.98	944.22	1181.53	69.53	120.43
SMU_1680c_at	0.81	0.69	0.89	0.10	0.18	0.168691	6935.24	6662.39	7469.34	807.80	1399.16	8579.30	7707.84	9644.98	567.57	983.07
SMU_1681c_at	0.68	0.54	0.78	0.11	0.19	0.074903	4183.69	3693.92	4630.73	591.37	1024.29	6110.44	5489.76	6869.45	404.24	700.17
SMU_1682c_at	0.62	0.53	0.78	0.11	0.18	0.048274	189.13	175.27	213.34	29.03	50.28	302.84	272.08	340.45	20.03	34.70
SMU_1683c_at	0.92	0.81	1.04	0.10	0.18	0.472708	2809.36	2718.12	2889.39	284.22	492.28	3080.67	2767.75	3463.34	203.81	353.00
SMU_1685c_at	0.77	0.67	0.85	0.10	0.17	0.10746	2721.48	2685.31	2755.20	325.99	564.64	3557.46	3196.11	3999.36	235.35	407.64
SMU_1687c_at	0.97	0.83	1.12	0.11	0.19	0.825838	6282.47	6047.51	6499.68	599.92	1039.09	6474.62	5816.95	7278.87	428.34	741.90
SMU_1688c_at	1.09	0.94	1.20	0.11	0.19	0.457384	7278.49	7091.76	7462.93	621.13	1075.83	6734.07	6050.05	7570.55	445.50	771.63
SMU_1689c_at	1.26	1.11	1.40	0.11	0.19	0.057663	6752.59	5266.30	8335.62	792.81	1373.19	5293.54	4755.84	5951.08	350.20	606.57
SMU_169_at	0.70	0.63	0.76	0.09	0.16	0.053585	7882.31	7717.57	8045.74	1043.71	1807.75	11377.10	10221.45	12790.31	752.67	1303.66
SMU_1690c_at	1.16	1.05	1.24	0.10	0.17	0.157586	10379.39	9634.82	10861.67	863.94	1496.40	8974.90	8063.26	10089.73	593.75	1028.40
SMU_1691c_at	1.12	0.84	1.36	0.15	0.26	0.438609	7282.50	6122.14	7895.80	721.24	1249.22	6477.91	5819.91	7282.57	428.56	742.28
SMU_1692c_at	1.60	1.47	1.76	0.11	0.19	0.002326	11487.99	11105.49	11951.17	684.21	1185.09	7225.28	6491.36	8122.78	478.00	827.92
SMU_1693c_at	0.82	0.70	0.90	0.10	0.18	0.185096	8059.07	7748.11	8419.27	914.02	1583.13	9869.43	8866.92	11095.37	652.93	1130.90
SMU_1694c_at	0.65	0.56	0.78	0.10	0.18	0.049752	2606.42	2253.34	3050.12	401.34	695.15	3992.54	3586.99	4488.47	264.13	457.49
SMU_1695_at	0.55	0.45	0.61	0.10	0.17	0.027031	4795.53	4449.42	5128.14	815.75	1412.91	8780.96	7889.02	9871.70	580.92	1006.18
SMU_1697c_at	0.90	0.81	0.96	0.10	0.17	0.380027	1455.92	1396.53	1494.67	150.25	260.24	1624.62	1459.60	1826.43	107.48	186.16
SMU_1699c_at	0.89	0.73	1.02	0.11	0.20	0.428045	3883.79	3560.15	4108.47	415.27	719.26	4351.43	3909.42	4891.94	287.87	498.61
SMU_170_at	0.57	0.45	0.72	0.11	0.19	0.039072	6129.66	5407.33	6939.35	1032.76	1788.80	10746.20	9654.64	12081.05	710.93	1231.36
SMU_1700c_at	0.79	0.54	0.97	0.15	0.25	0.262728	1048.88	800.04	1205.95	149.37	258.72	1310.53	1177.41	1473.31	86.70	150.17
SMU_1701c_at	0.65	0.50	0.85	0.12	0.20	0.073479	2054.91	1762.26	2585.66	341.34	591.22	3112.19	2796.06	3498.77	205.89	356.61
SMU_1702c_at	1.78	1.29	2.23	0.23	0.40	0.011001	3438.07	2794.05	3863.38	291.01	504.05	1925.19	1729.63	2164.32	127.36	220.60
SMU_1703c_at	1.67	1.19	2.00	0.23	0.39	0.017975	3421.51	2718.69	3959.47	319.41	553.23	2028.26	1822.23	2280.20	134.18	232.41
SMU_1704_at	1.14	0.97	1.34	0.12	0.21	0.271331	1529.97	1243.78	1988.40	203.28	352.09	1315.87	1182.21	1479.32	87.05	150.78

SMU_1705_at	1.14	1.01	1.41	0.13	0.22	0.302106	2431.84	2177.35	2702.09	222.92	386.11	2134.64	1917.81	2399.79	141.22	244.60
SMU_1706_at	1.12	0.97	1.39	0.13	0.22	0.39318	3212.97	2888.98	3606.18	302.54	524.01	2879.62	2587.11	3237.31	190.50	329.96
SMU_1707c_at	1.46	1.15	1.95	0.19	0.32	0.041381	1321.16	1010.18	1569.86	142.33	246.53	895.59	804.62	1006.84	59.25	102.62
SMU_1708_at	0.84	0.69	0.96	0.11	0.19	0.261628	7893.05	7235.39	8310.07	891.72	1544.50	9395.22	8440.88	10562.25	621.55	1076.56
SMU_1709_at	0.76	0.56	0.92	0.13	0.22	0.173676	4736.29	3887.12	5194.62	642.05	1112.07	6197.47	5567.95	6967.30	410.00	710.14
SMU_1710c_at	1.15	0.95	1.46	0.14	0.24	0.305835	2053.62	1901.32	2334.25	191.12	331.04	1783.54	1602.37	2005.08	117.99	204.37
SMU_1711c_at	1.16	0.85	1.55	0.18	0.31	0.378305	5340.66	4341.37	6377.76	589.91	1021.75	4569.86	4105.67	5137.51	302.33	523.64
SMU_1712c_at	1.34	1.19	1.45	0.11	0.19	0.021641	4617.25	4509.16	4726.70	319.08	552.66	3451.45	3100.86	3880.17	228.33	395.49
SMU_1713c_at	1.45	1.21	1.60	0.13	0.23	0.014623	4881.02	4608.93	5164.45	330.07	571.70	3385.70	3041.79	3806.26	223.99	387.95
SMU_1715c_at	1.66	1.32	1.94	0.17	0.29	0.007206	2624.32	2353.54	2769.01	173.96	301.31	1586.06	1424.95	1783.07	104.93	181.74
SMU_1716c_at	1.42	1.17	1.62	0.14	0.23	0.020717	7471.93	6966.81	7769.89	515.36	892.64	5276.75	4740.75	5932.20	349.09	604.64
SMU_1717c_at	1.52	1.23	1.78	0.15	0.26	0.013306	6955.02	6367.81	7341.86	470.98	815.76	4599.06	4131.90	5170.34	304.26	526.99
SMU_1718c_at	1.43	1.14	1.64	0.15	0.26	0.026962	6358.91	5701.14	6798.45	472.33	818.09	4463.41	4010.04	5017.84	295.28	511.45
SMU_1719c_at	1.23	1.14	1.30	0.10	0.17	0.06153	7076.42	6460.33	7421.01	573.26	992.92	5789.95	5201.83	6509.16	383.04	663.45
SMU_172_at	0.54	0.34	0.75	0.14	0.24	0.064851	1029.06	534.39	1488.44	253.89	439.75	1774.14	1593.93	1994.52	117.37	203.29
SMU_1721c_at	1.25	0.97	1.54	0.15	0.27	0.139859	4727.64	4105.66	5228.82	416.77	721.86	3772.99	3389.74	4241.66	249.61	432.33
SMU_1722c_at	0.77	0.63	0.86	0.11	0.19	0.138193	8187.38	7469.87	8859.14	1012.69	1754.03	10617.81	9539.29	11936.71	702.44	1216.65
SMU_1723c_at	0.72	0.64	0.79	0.10	0.17	0.071759	8260.34	7785.05	8809.22	1067.33	1848.68	11429.34	10268.39	12849.05	756.12	1309.64
SMU_1724c_at	0.43	0.39	0.48	0.09	0.16	0.014659	1836.90	1634.75	1996.83	396.05	685.98	4247.01	3815.62	4774.56	280.97	486.65
SMU_1725_at	0.27	0.22	0.38	0.10	0.16	0.015671	251.69	179.10	333.04	88.21	152.78	899.63	808.24	1011.37	59.52	103.08
SMU_1727_at	0.66	0.51	0.76	0.11	0.19	0.063617	4695.19	4087.26	5330.55	702.40	1216.59	7153.38	6426.76	8041.94	473.24	819.68
SMU_1728c_at	1.20	1.12	1.31	0.10	0.17	0.091522	5345.65	4879.16	5903.12	459.79	796.38	4459.65	4006.66	5013.61	295.03	511.01
SMU_1729c_at	0.69	0.65	0.76	0.09	0.16	0.049158	5544.13	5212.15	5919.10	754.68	1307.15	8089.77	7268.03	9094.64	535.19	926.98
SMU_173_at	0.75	0.70	0.80	0.09	0.16	0.081024	2290.90	1891.30	2717.36	324.24	561.60	3023.37	2716.26	3298.92	200.01	346.44
SMU_1730c_at	0.90	0.83	1.01	0.10	0.17	0.374556	5134.16	4649.62	5550.59	556.95	964.67	5736.45	5153.76	6449.01	379.50	657.32
SMU_1731c_at	0.84	0.79	0.90	0.09	0.16	0.189621	7911.94	7634.48	8362.74	879.94	1524.10	9449.95	8490.06	10623.79	625.17	1082.83
SMU_1732c_at	0.77	0.71	0.83	0.09	0.16	0.097643	6707.50	6083.16	7073.12	827.79	1433.77	8711.44	7826.56	9793.54	576.32	998.21
SMU_1733c_at	0.84	0.68	0.97	0.12	0.20	0.276741	4559.71	4110.71	4850.65	520.90	902.22	5411.12	4861.48	6083.27	357.98	620.04
SMU_1734c_at	1.47	1.38	1.63	0.11	0.18	0.006162	12493.36	11749.22	13228.38	838.74	1452.74	8547.43	7679.21	9609.16	565.47	979.42
SMU_1735c_at	1.12	1.04	1.24	0.10	0.17	0.269031	12416.95	11920.57	12983.90	1041.45	1803.84	11122.82	9993.01	12504.46	735.85	1274.52
SMU_1736c_at	1.10	0.97	1.22	0.11	0.18	0.390878	11150.37	11093.42	11206.90	935.65	1620.59	10217.12	9179.30	11486.25	675.93	1170.74
SMU_1737c_at	1.24	1.23	1.25	0.09	0.16	0.043205	9867.28	8862.56	11196.49	878.55	1521.69	7965.10	7156.03	8954.49	526.94	912.69
SMU_1738c_at	1.17	1.06	1.33	0.11	0.19	0.149866	10396.79	9994.58	10607.56	825.79	1430.31	8885.43	7982.88	9989.14	587.83	1018.15
SMU_1739c_at	1.04	0.93	1.17	0.10	0.18	0.690499	10668.38	10434.02	10817.35	943.80	1634.71	10268.52	9225.48	11544.04	679.33	1176.63
SMU_1740c_at	1.21	1.18	1.26	0.09	0.16	0.062263	10258.55	9594.67	11257.17	854.05	1479.25	8462.67	7603.06	9513.87	559.86	969.70
SMU_1741c_at	1.03	0.91	1.16	0.11	0.18	0.769977	7523.38	7420.61	7660.37	671.93	1163.82	7318.95	6575.51	8228.08	484.19	838.65
SMU_1742c_at	1.15	1.05	1.24	0.10	0.17	0.189145	12358.83	12088.68	12827.63	1005.37	1741.36	10830.44	9730.32	12175.76	716.50	1241.02
SMU_1743c_at	1.09	0.91	1.24	0.12	0.20	0.482946	7376.31	5437.50	9280.04	993.68	1721.10	6662.51	5985.75	7490.09	440.77	763.43
SMU_1744c_at	0.97	0.91	1.05	0.10	0.17	0.752352	6850.01	6592.15	7256.92	666.56	1154.51	7105.20	6383.48	7987.78	470.05	814.16
SMU_1745c_at	0.99	0.97	1.00	0.09	0.16	0.878438	4835.08	4260.46	5504.61	516.71	894.98	4901.72	4403.82	5510.60	324.28	561.67
SMU_1746c_at	0.81	0.75	0.89	0.10	0.17	0.143962	8001.93	7759.54	8323.79	916.53	1587.47	9927.28	8918.90	11160.41	656.75	1137.53
SMU_1747c_at	0.93	0.84	1.04	0.10	0.17	0.529575	2383.71	2325.87	2423.36	236.77	410.09	2576.14	2314.47	2896.14	170.43	295.19
SMU_1748_at	0.59	0.47	0.66	0.10	0.18	0.036468	5458.79	4945.80	5941.68	872.62	1511.42	9268.81	8327.31	10420.14	613.19	1062.08
SMU_174c_at	0.53	0.47	0.59	0.09	0.16	0.020951	1138.89	1113.35	1156.64	199.30	345.20	2174.68	1953.78	2444.81	143.87	249.19
SMU_175_at	1.18	0.86	1.42	0.16	0.28	0.302933	353.91	290.02	388.86	35.55	61.58	299.57	269.14	336.78	19.82	34.33
SMU_1750c_at	0.71	0.61	0.77	0.10	0.17	0.063388	685.63	579.99	806.50	100.00	173.20	966.69	868.49	1086.76	63.95	110.77
SMU_1752c_at	0.88	0.65	1.06	0.14	0.24	0.462857	6617.66	4600.60	8654.78	1062.94	1841.07	7286.28	6546.16	8191.35	482.03	834.91
SMU_1753c_at	0.57	0.42	0.69	0.11	0.20	0.045207	2786.43	1938.72	3691.46	562.69	974.61	4738.74	4257.40	5327.37	313.50	542.99
SMU_1754c_at	0.52	0.39	0.65	0.11	0.19	0.033451	2868.51	2022.93	3905.24	625.24	1082.95	5337.09	4794.97	6000.05	353.08	611.56
SMU_1755c_at	0.50	0.40	0.63	0.10	0.18	0.025477	3981.44	3058.54	5511.18	897.96	1555.32	7798.15	7006.04	8766.81	515.90	893.56

SMU_1757c_at	0.56	0.41	0.65	0.11	0.20	0.041498	3844.96	2697.12	4915.09	762.30	1320.34	6692.38	6012.59	7523.69	442.74	766.85
SMU_1758c_at	0.57	0.44	0.69	0.11	0.19	0.040184	4829.06	3544.26	5852.07	896.31	1552.46	8267.73	7427.93	9294.72	546.96	947.37
SMU_176_at	0.88	0.61	1.13	0.15	0.26	0.482279	251.35	195.39	288.90	32.91	57.00	284.01	255.16	319.29	18.79	32.54
SMU_1760c_at	0.67	0.57	0.73	0.10	0.17	0.051254	6108.48	5036.99	7362.89	957.54	1658.50	9055.61	8135.78	10180.47	599.09	1037.65
SMU_1761c_at	0.59	0.52	0.64	0.09	0.16	0.027905	5334.92	4586.33	6504.71	924.08	1600.56	8996.99	8083.11	10114.56	595.21	1030.93
SMU_1762c_at	0.54	0.43	0.72	0.11	0.19	0.036762	3508.26	2380.08	4998.68	789.71	1367.81	6193.78	5564.63	6963.14	409.76	709.72
SMU_1763c_at	0.52	0.50	0.53	0.09	0.15	0.017492	3011.47	2625.39	3416.74	557.36	965.38	5826.44	5234.61	6550.18	385.46	667.63
SMU_1764c_at	0.37	0.33	0.45	0.09	0.16	0.014386	3212.15	2613.03	3790.78	826.67	1431.84	8639.27	7761.72	9712.41	571.54	989.94
SMU_1765c_at	1.52	1.36	1.65	0.11	0.19	0.004541	1738.17	1705.97	1760.62	106.04	183.67	1151.29	1034.35	1294.30	76.17	131.92
SMU_1766c_at	1.05	1.01	1.08	0.09	0.16	0.613443	5060.32	4705.69	5465.43	469.42	813.05	4835.69	4344.50	5436.36	319.91	554.10
SMU_1767c_at	0.97	0.87	1.06	0.10	0.17	0.782584	2124.26	2092.73	2151.18	201.62	349.21	2198.39	1975.08	2471.46	145.44	251.90
SMU_1768c_at	1.13	1.10	1.16	0.09	0.16	0.190031	4472.52	4110.28	4891.17	395.49	685.01	3947.60	3546.62	4437.96	261.16	452.34
SMU_177_at	1.16	0.91	1.44	0.15	0.25	0.298158	4144.37	3654.59	4625.04	382.39	662.32	3572.60	3209.71	4016.37	236.35	409.37
SMU_1770c_at	1.16	0.97	1.41	0.13	0.22	0.253826	8943.92	8469.36	9799.03	770.68	1334.85	7740.62	6954.35	8702.13	512.09	886.97
SMU_1771c_at	1.14	0.71	1.90	0.26	0.45	0.593961	917.61	460.98	1534.00	235.56	408.00	718.25	645.29	807.46	47.52	82.30
SMU_1772c_at	1.26	1.18	1.42	0.11	0.19	0.053569	1443.03	1211.68	1813.97	168.33	291.55	1134.33	1019.10	1275.23	75.04	129.98
SMU_1773c_at	1.38	1.30	1.48	0.10	0.17	0.010658	2685.40	2269.50	3222.23	266.57	461.71	1935.86	1739.22	2176.32	128.07	221.82
SMU_1774c_at	0.98	0.84	1.06	0.11	0.19	0.837324	4485.35	3723.60	5373.00	538.22	932.23	4560.96	4097.68	5127.51	301.74	522.62
SMU_1775c_at	0.76	0.61	0.87	0.11	0.19	0.127577	3655.83	2581.98	4366.96	579.34	1003.45	4716.43	4237.35	5302.28	312.02	540.44
SMU_1776c_at	0.66	0.52	0.83	0.11	0.20	0.070643	1703.35	1167.84	2038.22	299.17	518.17	2512.43	2257.23	2824.52	166.21	287.89
SMU_1777c_at	0.77	0.73	0.80	0.09	0.16	0.094557	1379.35	1287.66	1466.94	167.69	290.44	1787.45	1605.89	2009.49	118.25	204.82
SMU_1779c_at	0.64	0.51	0.76	0.11	0.19	0.055162	3311.99	2952.17	3530.84	489.74	848.26	5162.98	4638.54	5804.31	341.56	591.61
SMU_178_at	1.17	0.90	1.54	0.16	0.28	0.319307	4516.61	3874.65	5332.14	465.07	805.52	3846.60	3455.88	4324.41	254.48	440.77
SMU_1780_at	0.31	0.29	0.33	0.09	0.15	0.011563	505.40	486.20	542.85	151.15	261.79	1644.64	1477.59	1848.94	108.80	188.45
SMU_1781_at	0.83	0.78	0.85	0.09	0.16	0.156716	6688.84	6234.57	7140.96	766.80	1328.14	8128.46	7302.80	9138.15	537.75	931.41
SMU_1782_at	0.87	0.82	0.91	0.09	0.16	0.252711	1459.66	1316.38	1558.20	162.62	281.67	1683.69	1512.66	1892.83	111.39	192.93
SMU_1783c_at	0.94	0.76	1.14	0.12	0.21	0.633142	6479.74	5938.03	7090.77	677.46	1173.39	6934.11	6229.77	7795.44	458.74	794.55
SMU_1784c_at	0.98	0.81	1.15	0.12	0.20	0.844788	5042.60	4741.75	5335.98	489.84	848.44	5183.95	4657.38	5227.88	342.95	594.01
SMU_1785c_at	0.92	0.79	1.00	0.11	0.18	0.52488	8306.39	7974.07	8847.65	848.02	1468.81	9019.93	8103.72	10140.35	596.73	1033.56
SMU_1786c_at	0.82	0.67	0.93	0.11	0.19	0.198345	6441.16	5981.33	6751.85	743.07	1287.04	7911.88	7108.22	8894.67	523.42	906.59
SMU_1787c_at	1.08	0.88	1.29	0.13	0.22	0.541136	8262.14	7573.35	8902.15	752.08	1302.64	7659.95	6881.88	8611.44	506.75	877.72
SMU_1788c_at	1.25	0.97	1.46	0.15	0.26	0.130071	7043.01	6094.38	7685.69	617.49	1069.53	5613.37	5043.19	6310.64	371.36	643.21
SMU_1789c_at	0.77	0.66	0.94	0.11	0.19	0.130931	5874.33	5455.08	6457.16	732.92	1269.45	7661.70	6883.45	8613.41	506.87	877.93
SMU_179_at	1.27	1.05	1.87	0.20	0.35	0.192485	1659.24	1313.08	2149.45	213.17	369.22	1278.59	1148.71	1437.41	84.59	146.51
SMU_1790c_at	1.02	0.91	1.21	0.11	0.20	0.891903	2435.78	2221.08	2618.21	234.66	406.44	2402.19	2158.18	2700.58	158.92	275.26
SMU_1791c_at	0.67	0.41	1.13	0.18	0.32	0.199854	1844.21	1197.81	2649.13	384.31	665.64	2603.00	2338.60	2926.33	172.20	298.27
SMU_1792c_at	0.76	0.58	1.03	0.13	0.23	0.179209	2070.20	1763.87	2515.88	296.41	513.41	2717.02	2441.03	3054.52	179.75	311.33
SMU_1794c_at	0.79	0.62	1.01	0.12	0.21	0.203406	2401.24	2114.99	2729.07	304.08	526.68	3021.94	2714.98	3397.31	199.92	346.27
SMU_1795c_at	0.79	0.66	0.98	0.11	0.20	0.167241	2462.31	2311.18	2758.48	305.46	529.06	3134.33	2815.96	3523.67	207.36	359.15
SMU_1797c_at	0.70	0.64	0.83	0.10	0.17	0.066002	3232.64	2881.49	3424.00	439.62	761.44	4606.00	4138.14	5178.14	304.72	527.78
SMU_1798c_at	0.75	0.70	0.79	0.09	0.16	0.075789	7339.84	6979.17	7755.72	915.85	1586.30	9850.72	8850.12	11074.34	651.69	1128.76
SMU_1799c_at	0.70	0.60	0.78	0.10	0.17	0.06195	5588.20	5443.13	5677.57	737.70	1277.74	8038.25	7221.75	9036.73	531.78	921.07
SMU_18_at	1.30	1.19	1.45	0.11	0.18	0.031316	123.50	100.98	135.81	11.77	20.39	94.47	84.87	106.20	6.25	10.82
SMU_18_s_at	0.96	0.91	1.00	0.09	0.16	0.668518	6841.27	6222.76	7326.28	695.18	1204.09	7165.43	6437.59	8055.49	474.04	821.06
SMU_180_at	1.24	0.96	1.88	0.21	0.37	0.268668	2395.99	1946.11	3195.65	332.11	575.24	1890.37	1698.35	2125.18	125.06	216.61
SMU_1800c_at	0.73	0.67	0.77	0.09	0.16	0.068633	7924.16	7404.74	8190.04	1010.94	1751.01	10858.99	9755.97	12207.85	718.39	1244.29
SMU_1801c_at	0.74	0.61	0.84	0.10	0.18	0.095001	7395.35	6938.14	7668.57	935.34	1620.06	10061.26	9039.27	11311.03	665.62	1152.88
SMU_1802c_at	0.77	0.65	0.84	0.10	0.18	0.112329	7974.25	7675.30	8385.95	966.61	1674.22	10429.81	9370.39	11725.36	690.00	1195.11
SMU_1803c_at	0.90	0.80	0.97	0.10	0.17	0.38102	3884.38	3373.61	4668.35	483.60	837.62	4296.20	3859.80	4829.85	284.22	492.28
SMU_1804c_at	0.79	0.59	1.11	0.14	0.25	0.247476	2552.75	1624.17	3802.84	537.59	931.13	3056.55	2746.07	3436.22	202.21	350.24

SMU_1805_at	1.08	0.92	1.27	0.12	0.20	0.503064	599.91	539.08	685.44	59.53	103.11	554.27	497.97	623.12	36.67	63.51
SMU_1806_at	1.10	0.74	1.55	0.20	0.35	0.607289	712.04	524.24	880.77	93.30	161.60	633.43	569.09	712.11	41.91	72.58
SMU_1807c_at	0.82	0.61	1.04	0.13	0.23	0.270767	1507.70	1254.14	1714.16	193.74	335.56	1842.07	1654.96	2070.88	121.86	211.08
SMU_1809c_at	1.12	0.95	1.40	0.13	0.23	0.368904	916.89	851.32	1025.33	84.16	145.78	816.84	733.87	918.30	54.04	93.60
SMU_181_at	0.63	0.44	0.90	0.14	0.23	0.091422	1905.48	1480.10	2396.51	331.01	573.33	2972.24	2670.33	3341.43	196.63	340.58
SMU_1810c_at	1.22	0.97	1.46	0.14	0.25	0.154768	776.89	690.86	831.67	65.84	114.04	635.69	571.12	714.65	42.05	72.84
SMU_1811c_at	1.12	0.89	1.35	0.13	0.23	0.402621	624.02	561.09	676.66	56.48	97.82	559.11	502.32	628.56	36.99	64.07
SMU_1814c_at	1.67	1.39	1.93	0.15	0.26	0.004295	9551.10	8943.96	9929.20	567.16	982.35	5724.68	5143.19	6435.78	378.72	655.97
SMU_1815c_at	1.84	1.54	2.07	0.15	0.26	0.001689	6177.21	5844.89	6412.45	331.88	574.84	3376.44	3033.47	3795.85	223.37	386.89
SMU_1816c_at	2.10	1.53	2.89	0.29	0.51	0.005726	225.80	157.32	272.74	26.57	46.02	105.16	94.48	118.22	6.96	12.05
SMU_1817c_at	1.58	1.15	2.63	0.31	0.54	0.075612	73.93	57.38	106.15	12.12	21.00	44.95	40.39	50.54	2.97	5.15
SMU_1818c_at	1.76	1.24	3.04	0.37	0.64	0.049809	83.20	54.53	122.29	14.89	25.80	44.82	40.26	50.38	2.96	5.14
SMU_1819c_at	0.93	0.74	1.22	0.14	0.24	0.627678	8512.50	7626.71	10033.24	996.72	1726.36	9150.35	8220.88	10286.96	605.35	1048.50
SMU_182_at	0.04	0.04	0.06	0.05	0.09	0.014074	431.20	298.77	638.57	856.92	1484.22	9325.07	8377.86	10483.40	616.91	1068.52
SMU_1820c_at	0.92	0.78	1.16	0.12	0.21	0.560895	7953.03	7262.80	9041.01	881.84	1527.39	8643.22	7765.27	9716.85	571.80	990.39
SMU_1821c_at	0.86	0.77	0.97	0.10	0.17	0.258317	5372.09	4722.15	5967.29	625.99	1084.25	6245.29	5610.92	7021.06	413.17	715.62
SMU_1822c_at	0.86	0.73	1.12	0.13	0.22	0.342827	6126.75	5047.51	7187.23	784.65	1359.05	7119.93	6396.71	8004.34	471.03	815.85
SMU_1823c_at	0.65	0.61	0.70	0.09	0.16	0.037373	5120.37	4977.85	5368.94	728.02	1260.96	7893.70	7091.89	8874.23	522.22	904.51
SMU_1824c_at	0.65	0.54	0.76	0.10	0.18	0.051929	5986.09	5587.14	6287.31	853.71	1478.67	9185.90	8252.82	10326.93	607.71	1052.58
SMU_1826c_at	0.77	0.71	0.82	0.09	0.16	0.092548	5187.15	4999.47	5431.69	627.63	1087.09	6784.14	6095.03	7626.84	448.81	777.37
SMU_1827_at	0.86	0.49	1.47	0.23	0.40	0.582931	575.13	298.77	817.41	120.70	209.06	619.39	556.48	696.33	40.98	70.97
SMU_1828_at	0.88	0.75	0.98	0.11	0.18	0.351129	5233.43	4991.93	5485.13	554.47	960.37	5955.76	5350.80	6695.57	394.01	682.45
SMU_183_at	0.04	0.03	0.04	0.05	0.09	0.013411	324.26	307.40	351.11	786.76	1362.71	8593.31	7720.43	9660.73	568.50	984.67
SMU_1830c_at	0.70	0.58	0.80	0.10	0.18	0.071668	3464.44	3235.60	3597.83	461.21	798.83	4959.00	4455.28	5724.99	328.07	586.23
SMU_1831_at	0.57	0.40	0.67	0.12	0.21	0.048907	2370.35	1874.25	2720.36	420.89	729.00	4154.43	3732.44	4670.48	274.84	476.04
SMU_1832_at	0.47	0.40	0.57	0.10	0.17	0.01994	699.43	598.94	829.00	143.41	248.40	1475.87	1325.96	1659.20	97.64	169.11
SMU_1833c_at	0.90	0.69	1.15	0.14	0.23	0.49768	2440.26	2096.51	2814.57	289.02	500.60	2718.35	2442.23	3056.02	179.84	311.49
SMU_1834c_at	1.12	0.97	1.32	0.12	0.20	0.330731	6272.03	6044.22	6663.68	532.19	921.78	5611.20	5041.23	6308.20	371.22	642.97
SMU_1835c_at	1.06	1.02	1.12	0.09	0.16	0.522594	8178.18	7311.01	8819.74	773.73	1340.14	7704.19	6921.62	8661.17	509.68	882.79
SMU_1836c_at	0.97	0.86	1.05	0.10	0.17	0.757294	12841.44	12554.37	13051.06	1225.81	2123.16	13340.49	11985.41	14997.59	882.56	1528.63
SMU_1837c_at	0.92	0.84	0.99	0.10	0.17	0.453894	11444.50	11125.77	11847.58	1156.14	2002.50	12521.57	11249.68	14076.95	828.38	1434.80
SMU_1838c_at	0.90	0.78	1.00	0.10	0.18	0.416317	12515.01	12207.19	12810.31	1281.29	2219.26	13930.94	12515.88	15661.38	921.62	1596.29
SMU_1839c_at	0.72	0.54	0.89	0.12	0.21	0.120963	6809.13	5687.54	7535.97	953.10	1650.82	9438.02	8479.34	10610.37	624.38	1081.47
SMU_184_at	0.05	0.05	0.06	0.06	0.10	0.01371	587.47	468.16	713.45	1048.84	1816.64	11443.58	10281.18	12865.06	757.07	1311.28
SMU_1840c_at	0.79	0.63	0.91	0.11	0.20	0.164216	6759.35	6100.91	7126.19	821.77	1423.35	8607.05	7732.77	9676.18	569.41	986.25
SMU_1841c_at	0.74	0.50	0.93	0.15	0.25	0.193278	1546.41	1154.07	1854.10	237.83	411.93	2050.77	1842.46	2305.50	135.67	234.99
SMU_1843_at	0.97	0.83	1.19	0.12	0.20	0.835921	1860.79	1751.32	2039.86	186.53	323.08	1914.47	1720.01	2152.28	126.65	219.37
SMU_1844_at	0.75	0.69	0.86	0.10	0.17	0.089738	2044.82	1893.69	2121.57	256.66	444.55	2742.12	2463.58	3082.73	181.41	314.21
SMU_1845c_at	1.31	1.27	1.33	0.09	0.16	0.018231	6494.13	5671.49	7364.82	570.54	988.20	4954.74	4451.46	5570.20	327.79	567.75
SMU_1846c_at	0.87	0.72	0.96	0.11	0.19	0.305049	9015.74	8484.09	9542.10	981.24	1699.56	10455.45	9393.43	11754.19	691.69	1198.05
SMU_1847c_at	0.96	0.84	1.08	0.10	0.18	0.728125	7000.78	6935.21	7092.88	670.74	1161.76	7317.53	6574.24	8226.48	484.10	838.49
SMU_1848_at	0.47	0.38	0.53	0.10	0.17	0.019329	927.81	857.59	982.11	183.92	318.56	1988.79	1786.77	2235.82	131.57	227.89
SMU_1849c_at	0.99	0.78	1.27	0.14	0.24	0.964691	7119.79	6271.12	8187.04	766.63	1327.85	7152.88	6426.31	8041.38	473.21	819.62
SMU_185_at	0.02	0.02	0.02	0.04	0.06	0.012189	71.01	52.59	83.47	319.14	552.77	3485.29	3131.26	3918.21	230.57	399.37
SMU_1850c_at	0.92	0.67	1.17	0.15	0.25	0.633193	10090.99	8219.42	11470.54	1208.99	2094.03	10873.86	9769.33	12224.57	719.37	1245.99
SMU_1851c_at	0.99	0.78	1.21	0.13	0.23	0.939188	8785.81	7786.67	9675.32	900.78	1560.19	8882.62	7980.35	9985.98	587.64	1017.82
SMU_1852_at	0.74	0.64	0.80	0.10	0.17	0.079865	4612.60	4392.02	4897.52	584.96	1013.18	6284.54	5646.18	7065.18	415.76	720.12
SMU_1853_at	0.76	0.57	0.90	0.12	0.21	0.154224	2179.90	1848.00	2370.78	287.94	498.73	2870.08	2578.55	3226.59	189.87	328.87
SMU_1854_at	0.57	0.51	0.61	0.09	0.16	0.024438	1846.26	1781.51	1882.00	298.26	516.61	3248.35	2918.39	3651.84	214.90	372.22
SMU_1855_at	0.58	0.55	0.60	0.09	0.16	0.022984	3158.10	2712.59	3667.76	537.36	930.73	5464.08	4909.05	6142.80	361.48	626.11

SMU_1856c_at	1.09	0.88	1.29	0.13	0.22	0.510621	762.50	693.14	881.14	76.72	132.88	700.21	629.09	787.19	46.32	80.23
SMU_1858c_at	0.99	0.95	1.04	0.09	0.16	0.895672	8296.18	7857.66	8980.77	809.49	1402.08	8426.81	7570.84	9473.55	557.49	965.60
SMU_1859c_at	1.03	0.92	1.13	0.10	0.17	0.788246	14499.12	14344.27	14677.32	1298.05	2248.30	14159.16	12720.92	15917.95	936.72	1622.44
SMU_186_at	0.11	0.10	0.12	0.07	0.12	0.013498	1078.48	871.97	1239.96	898.76	1556.71	9781.50	8787.93	10996.52	647.11	1120.82
SMU_1860c_at	0.98	0.93	1.02	0.09	0.16	0.874249	10262.28	9551.16	10939.53	998.26	1729.03	10454.72	9392.76	11753.36	691.65	1197.97
SMU_1861c_at	0.66	0.55	0.75	0.10	0.18	0.055029	3250.39	2360.86	3860.27	545.62	945.04	4814.27	4325.25	5412.27	318.49	551.65
SMU_1862_at	0.33	0.26	0.41	0.10	0.17	0.01532	172.23	150.12	208.59	49.64	85.98	523.44	470.27	588.46	34.63	59.98
SMU_1865_at	1.10	0.84	1.30	0.14	0.25	0.508003	5571.91	4756.91	6063.76	546.98	947.41	5064.63	4550.18	5693.74	335.06	580.34
SMU_1867c_at	1.40	1.01	1.93	0.21	0.37	0.090003	10166.70	8148.90	12478.81	1107.75	1918.68	7205.28	6473.39	8100.29	476.67	825.63
SMU_1869c_at	1.13	1.04	1.21	0.10	0.17	0.236807	8858.98	8571.48	9251.42	736.60	1275.83	7891.49	7089.90	8871.74	522.07	904.26
SMU_1870c_at	0.72	0.64	0.79	0.10	0.17	0.071656	6074.73	5981.95	6217.31	772.64	1338.25	8421.18	7565.78	9467.22	557.11	964.95
SMU_1871c_at	0.78	0.69	0.92	0.10	0.18	0.136114	4328.65	3741.55	4978.63	564.45	977.66	5508.85	4949.28	6193.14	364.45	631.24
SMU_1872c_at	0.75	0.66	0.86	0.10	0.17	0.096831	3253.03	2902.09	3651.19	424.89	735.93	4326.37	3886.91	4863.78	286.22	495.74
SMU_1873_at	0.72	0.60	0.83	0.10	0.18	0.079939	4981.77	4714.94	5162.63	644.72	1116.69	6963.38	6256.06	7828.34	460.67	797.91
SMU_1874_at	0.79	0.66	0.91	0.11	0.18	0.148176	4801.37	4526.37	4989.13	568.65	984.93	6115.91	5494.67	6875.60	404.61	700.80
SMU_1875_at	0.99	0.77	1.26	0.14	0.24	0.950123	5294.09	4604.56	6058.23	571.90	990.57	5332.60	4790.93	5994.99	352.79	611.04
SMU_1876_at	0.66	0.62	0.68	0.09	0.16	0.037227	1605.59	1348.67	1841.49	244.99	424.34	2438.76	2191.04	2741.69	161.34	279.45
SMU_1877_at	0.83	0.68	0.91	0.11	0.19	0.217987	4949.51	4582.72	5343.20	571.00	989.00	6001.30	5391.71	6746.76	397.02	687.67
SMU_1878_at	0.91	0.77	0.99	0.11	0.19	0.478775	7304.57	6967.55	7776.45	754.25	1306.39	8022.05	7207.20	9018.52	530.71	919.22
SMU_1879_at	0.90	0.82	0.95	0.10	0.17	0.357157	4082.88	3780.03	4260.01	432.03	748.30	4570.50	4106.24	5138.22	302.37	523.72
SMU_187c_at	1.26	0.89	1.67	0.19	0.34	0.198624	9005.70	7089.90	10623.03	974.71	1688.25	7068.90	6350.86	7946.97	467.65	810.00
SMU_1881c_at	0.92	0.81	1.01	0.10	0.17	0.472664	2937.42	2718.88	3157.63	307.04	531.82	3208.06	2882.20	3606.55	212.23	367.60
SMU_1882c_at	0.71	0.53	0.86	0.12	0.21	0.103303	5321.40	3488.78	7009.61	980.88	1698.93	7270.31	6531.81	8173.40	480.98	833.08
SMU_1883_at	0.68	0.59	0.74	0.10	0.17	0.052554	4987.07	4780.85	5298.28	682.01	1181.28	7348.70	6602.24	8261.52	486.16	842.06
SMU_1884c_at	0.76	0.64	0.96	0.11	0.20	0.134969	231.46	214.12	261.51	29.87	51.74	304.75	273.79	342.60	20.16	34.92
SMU_1886_at	1.16	0.86	1.54	0.17	0.29	0.364395	7346.03	6107.55	8696.49	783.48	1357.02	6303.32	5663.05	7086.29	417.00	722.27
SMU_1889c_at	0.35	0.26	0.48	0.10	0.18	0.01987	243.19	197.64	297.76	66.32	114.86	688.23	618.32	773.71	45.53	78.86
SMU_188c_at	1.30	1.01	1.60	0.16	0.27	0.094206	7777.93	6790.35	8607.07	664.04	1150.16	5985.84	5377.82	6729.38	396.00	685.89
SMU_189_s_at	1.03	1.01	1.05	0.09	0.16	0.723684	3401.06	3111.27	3834.61	339.32	587.72	3290.68	2956.43	3699.44	217.70	377.07
SMU_1891c_at	0.39	0.35	0.41	0.09	0.16	0.013121	122.84	117.45	126.11	28.94	50.12	315.37	283.34	354.55	20.86	36.14
SMU_1892c_at	0.38	0.35	0.41	0.09	0.15	0.012664	185.11	167.17	209.58	45.35	78.55	485.57	436.25	545.88	32.12	55.64
SMU_1895c_at	0.71	0.42	1.03	0.18	0.31	0.218689	3711.53	1816.71	4881.48	808.34	1400.08	4840.36	4348.69	5441.61	320.22	554.64
SMU_1896c_at	0.79	0.58	1.05	0.14	0.24	0.229211	4548.27	2928.70	5752.39	784.53	1358.84	5587.82	5020.23	6281.92	369.67	640.29
SMU_1897_at	0.38	0.34	0.43	0.09	0.16	0.013256	549.54	491.78	603.83	134.98	233.79	1453.03	1305.43	1633.52	96.13	166.50
SMU_1898_at	0.37	0.30	0.41	0.09	0.16	0.014725	190.62	174.56	208.03	47.81	82.82	516.87	464.37	581.08	34.19	59.23
SMU_1899_at	0.34	0.31	0.37	0.09	0.15	0.012334	90.35	72.03	103.75	24.93	43.18	262.26	235.62	294.84	17.35	30.05
SMU_1900_at	0.37	0.33	0.42	0.09	0.16	0.013043	137.65	134.59	139.31	34.08	59.02	371.99	334.20	418.20	24.61	42.62
SMU_1902c_at	0.58	0.51	0.73	0.10	0.18	0.035102	2705.22	2159.47	3704.77	546.19	946.02	4544.35	4082.75	5108.83	300.64	520.72
SMU_1903c_at	1.39	1.28	1.62	0.12	0.21	0.018807	145.55	131.80	153.06	10.79	18.69	105.06	94.39	118.11	6.95	12.04
SMU_1904c_at	1.45	1.11	1.91	0.19	0.32	0.042397	1394.87	1197.56	1635.67	126.03	218.30	955.40	858.36	1074.08	63.21	109.48
SMU_1905c_at	1.39	0.99	1.97	0.22	0.39	0.10338	1774.67	1399.11	2226.11	206.11	356.98	1257.93	1130.16	1414.19	83.22	144.14
SMU_1906c_at	1.27	1.03	1.56	0.14	0.25	0.095707	4661.90	4242.55	5121.84	380.74	659.46	3664.42	3292.20	4119.60	242.42	419.89
SMU_1907_at	1.29	0.60	3.15	0.50	0.87	0.517959	90.02	39.81	166.08	27.88	48.28	58.70	52.74	65.99	3.88	6.73
SMU_1908c_at	1.53	1.38	1.73	0.12	0.20	0.004913	1093.48	963.98	1207.01	82.32	142.58	714.86	642.25	803.66	47.29	81.91
SMU_1909c_at	1.58	1.34	1.75	0.13	0.23	0.005351	4608.41	4393.87	4833.49	282.28	488.93	2923.20	2626.27	3286.31	193.39	334.96
SMU_1910c_at	1.76	1.67	1.93	0.11	0.19	7.85E-04	3087.59	2655.18	3308.99	221.85	384.26	1755.93	1577.57	1974.04	116.17	201.21
SMU_1912c_at	2.25	2.09	2.39	0.11	0.19	7.77E-05	1589.71	1451.42	1664.45	81.17	140.60	707.33	635.48	795.19	46.79	81.05
SMU_1913c_at	2.73	2.55	2.94	0.12	0.21	2.25E-05	2755.60	2675.72	2905.76	106.97	185.28	1014.14	911.13	1140.12	67.09	116.21
SMU_1914c_at	2.11	1.77	2.61	0.20	0.34	0.001257	5801.11	5451.64	6467.83	345.21	597.92	2753.89	2474.16	3095.96	182.19	315.56
SMU_1915_at	2.10	1.76	2.85	0.25	0.43	0.00312	1199.00	969.32	1445.81	110.31	191.06	564.58	507.23	634.71	37.35	64.69

SMU_1916c_at	1.17	1.03	1.29	0.11	0.19	0.154192	11559.62	11431.95	11813.54	909.91	1576.00	9890.59	8885.94	11119.16	654.33	1133.32
SMU_1917c_at	1.36	1.04	1.63	0.16	0.28	0.061189	9916.34	8517.37	10648.43	830.76	1438.91	7289.48	6549.04	8194.95	482.24	835.27
SMU_1918c_at	1.03	0.88	1.19	0.11	0.19	0.816426	4090.36	3976.47	4290.84	372.77	645.66	3997.10	3591.09	4493.60	264.43	458.01
SMU_1919c_at	0.99	0.82	1.15	0.12	0.20	0.9184	7830.36	7354.89	8220.43	750.06	1299.15	7955.74	7147.62	8943.97	526.32	911.62
SMU_1920c_at	1.00	0.81	1.20	0.12	0.21	0.980657	11509.66	10526.36	12431.61	1128.49	1954.61	11569.18	10394.02	13006.26	765.37	1325.67
SMU_1921c_at	1.00	0.80	1.24	0.13	0.23	0.973055	6901.48	6152.30	7639.29	698.55	1209.93	6872.32	6174.26	7725.98	454.65	787.47
SMU_1922c_at	0.99	0.90	1.06	0.10	0.17	0.929614	7885.28	7642.11	8073.47	737.06	1276.62	7990.57	7178.91	8983.13	528.63	915.61
SMU_1923c_at	1.27	1.20	1.32	0.09	0.16	0.031518	8785.81	8223.17	9386.66	677.72	1173.85	6931.92	6227.80	7792.98	458.59	794.30
SMU_1924c_at	0.89	0.84	0.93	0.09	0.16	0.324405	6434.17	5936.68	6813.03	688.30	1192.17	7245.60	6509.62	8145.62	479.34	830.25
SMU_1925c_at	0.77	0.75	0.81	0.09	0.16	0.089025	727.79	686.60	801.51	90.64	156.99	948.02	851.73	1065.78	62.72	108.63
SMU_1926c_at	0.89	0.83	0.93	0.09	0.16	0.333643	1575.33	1487.76	1650.26	165.70	287.00	1772.68	1592.62	1992.87	117.27	203.12
SMU_1927_at	0.87	0.66	1.18	0.14	0.25	0.448246	720.27	604.04	865.12	92.53	160.26	818.81	735.63	920.52	54.17	93.82
SMU_1928_at	0.76	0.54	1.07	0.15	0.25	0.219148	940.16	740.49	1168.62	142.05	246.04	1218.18	1094.44	1369.50	80.59	139.59
SMU_1929c_at	1.20	0.96	1.44	0.14	0.24	0.181857	5346.81	4821.12	5772.92	453.17	784.91	4455.51	4002.93	5008.95	294.76	510.54
SMU_1930c_at	0.85	0.77	0.91	0.10	0.17	0.231572	9213.54	8822.21	9456.42	1001.11	1733.98	10828.36	9728.45	12173.41	716.36	1240.78
SMU_1931_at	0.41	0.37	0.44	0.09	0.16	0.013471	1719.80	1676.50	1770.91	388.85	673.51	4242.17	3811.27	4769.12	280.65	486.09
SMU_1933c_at	0.82	0.71	0.93	0.10	0.18	0.17794	2171.07	1992.77	2405.74	258.52	447.78	2660.68	2390.42	2991.18	176.02	304.88
SMU_1934c_at	0.80	0.62	0.94	0.12	0.20	0.192687	4201.21	3687.44	4833.66	537.50	930.98	5265.91	4731.02	5920.02	348.37	603.40
SMU_1935c_at	0.77	0.61	0.93	0.12	0.20	0.155641	2404.89	2129.32	2820.75	321.09	556.15	3103.46	2788.22	3488.96	205.31	355.61
SMU_1936c_at	0.80	0.62	0.93	0.12	0.21	0.201822	2828.93	2473.89	3221.16	357.32	618.89	3526.62	3168.40	3964.69	233.31	404.10
SMU_1937c_at	0.78	0.59	0.94	0.12	0.21	0.183684	2070.73	1751.62	2440.22	280.81	486.38	2648.29	2379.29	2977.25	175.20	303.46
SMU_1938c_at	0.77	0.63	0.93	0.11	0.20	0.149937	2310.57	2091.99	2705.08	306.14	530.26	2975.31	2673.09	3344.89	196.84	340.93
SMU_1939c_at	0.84	0.64	0.98	0.13	0.22	0.294813	2393.36	2047.54	2609.50	288.96	500.49	2853.35	2563.52	3207.79	188.77	326.95
SMU_193c_at	4.25	2.23	5.98	1.01	1.76	0.003232	845.08	394.45	1169.50	165.21	286.15	180.85	162.48	203.32	11.96	20.72
SMU_1940c_at	0.83	0.66	0.93	0.11	0.20	0.237898	1922.33	1724.06	2094.64	226.24	391.86	2326.89	2090.53	2615.92	153.94	266.63
SMU_1941c_at	0.45	0.43	0.48	0.09	0.16	0.014424	2712.24	2399.37	2903.11	565.78	979.97	6058.97	5443.52	6811.59	400.84	694.27
SMU_1942c_at	0.47	0.44	0.52	0.09	0.16	0.015936	3939.55	3304.93	4284.98	797.54	1381.38	8358.91	7509.84	9397.22	552.99	957.82
SMU_1943c_at	0.71	0.59	0.82	0.11	0.18	0.079495	7571.15	7045.62	7910.21	996.18	1725.43	10685.09	9599.74	12012.35	706.89	1224.36
SMU_1945_at	0.68	0.58	0.75	0.10	0.17	0.05355	5793.52	5626.49	5987.63	787.45	1363.90	8563.05	7693.24	9626.71	566.50	981.21
SMU_1946_at	0.66	0.49	0.84	0.12	0.21	0.07865	2957.35	2485.07	3365.15	447.63	775.31	4471.57	4017.36	5027.01	295.82	512.38
SMU_1947c_at	1.10	1.02	1.18	0.10	0.17	0.341983	3637.07	3300.63	4100.98	347.18	601.34	3309.85	2973.65	3720.99	218.97	379.26
SMU_1948c_at	0.75	0.69	0.78	0.09	0.16	0.077913	1998.79	1654.72	2324.60	278.81	482.91	2653.13	2383.63	2982.69	175.52	304.01
SMU_1949c_at	0.49	0.47	0.50	0.09	0.15	0.015778	3160.09	2802.99	3470.34	611.44	1059.04	6508.46	5847.35	7316.91	430.58	745.78
SMU_194c_at	7.73	3.82	13.13	2.12	3.67	0.001415	842.61	352.36	1394.11	213.92	370.52	94.43	84.84	106.16	6.25	10.82
SMU_1950_at	0.40	0.31	0.49	0.10	0.17	0.018318	1376.00	1196.99	1517.80	321.73	557.26	3437.78	3088.58	3864.81	227.43	393.92
SMU_1951c_at	0.56	0.48	0.60	0.09	0.16	0.024383	362.85	354.84	377.99	60.30	104.44	656.06	589.42	737.55	43.40	75.17
SMU_1954c_at	0.83	0.64	0.99	0.12	0.21	0.269834	12724.96	11001.56	13633.75	1530.70	2651.25	15336.93	13779.05	17242.02	1014.63	1757.40
SMU_1955c_at	0.91	0.88	0.98	0.09	0.16	0.40656	10886.39	9423.64	11828.04	1213.87	2102.49	11959.10	10744.34	13444.61	791.17	1370.35
SMU_1956c_at	0.87	0.79	0.92	0.09	0.16	0.252707	269.72	241.81	310.42	32.08	55.57	311.33	279.71	350.01	20.60	35.67
SMU_1957c_at	0.84	0.73	1.01	0.11	0.19	0.242142	862.46	807.59	930.91	97.66	169.15	1029.37	924.81	1157.23	68.10	117.95
SMU_1958c_at	0.99	0.78	1.25	0.13	0.23	0.920151	1294.89	1158.12	1468.95	136.53	236.48	1312.67	1179.33	1475.72	86.84	150.41
SMU_195c_at	6.43	3.23	11.19	1.75	3.04	0.001988	1179.53	499.02	1991.16	308.43	534.22	158.27	142.19	177.93	10.47	18.14
SMU_1960c_at	0.83	0.78	0.87	0.09	0.16	0.167349	706.56	648.00	804.39	85.34	147.81	851.10	764.64	956.81	56.31	97.52
SMU_1961c_at	0.85	0.72	0.93	0.11	0.18	0.26063	535.46	438.95	650.69	71.83	124.42	622.51	559.28	699.83	41.18	71.33
SMU_1963c_at	0.80	0.75	0.92	0.10	0.17	0.146395	1345.84	1224.05	1428.06	159.89	276.94	1679.32	1508.74	1887.92	111.10	192.43
SMU_1964c_at	0.82	0.79	0.83	0.09	0.16	0.141981	1125.16	1030.45	1287.98	138.56	239.99	1375.42	1235.71	1546.27	90.99	157.60
SMU_1965c_at	0.84	0.77	0.93	0.10	0.17	0.211092	1898.05	1849.10	1948.30	207.77	359.87	2258.69	2029.26	2539.25	149.43	258.81
SMU_1966c_at	0.57	0.53	0.66	0.09	0.16	0.026522	723.02	664.97	754.42	117.76	203.97	1266.59	1137.94	1423.92	83.79	145.13
SMU_1967c_at	0.85	0.68	1.02	0.12	0.20	0.300699	1601.81	1439.25	1725.48	182.98	316.93	1888.11	1696.33	2122.65	124.91	216.35
SMU_1968c_at	0.89	0.82	1.01	0.10	0.17	0.368343	740.75	607.70	815.84	89.05	154.24	825.01	741.21	927.49	54.58	94.53

SMU_1969c_at	0.94	0.87	1.00	0.09	0.16	0.598528	1152.63	1063.99	1203.05	116.33	201.48	1223.36	1099.10	1375.32	80.93	140.18
SMU_196c_at	4.49	2.50	7.26	1.04	1.80	0.002516	2670.18	1340.18	3585.29	483.80	837.97	549.32	493.53	617.56	36.34	62.94
SMU_1970c_at	0.81	0.69	0.91	0.10	0.18	0.176701	3825.70	3668.99	3933.99	436.09	755.34	4723.06	4243.31	5309.74	312.46	541.20
SMU_1971c_at	0.79	0.72	0.87	0.10	0.17	0.122147	4389.26	3903.73	4751.24	539.29	934.07	5558.96	4994.30	6249.47	367.76	636.98
SMU_1972c_at	0.83	0.78	0.91	0.09	0.16	0.181528	3830.06	3350.53	4092.57	453.61	785.68	4594.71	4127.99	5165.44	303.97	526.49
SMU_1973_at	0.66	0.52	0.80	0.11	0.19	0.06858	3858.41	3389.62	4190.24	558.17	966.79	5805.83	5216.09	6527.00	384.09	665.27
SMU_1974_at	0.77	0.65	0.93	0.11	0.19	0.134109	1971.28	1879.62	2150.88	243.30	421.41	2565.50	2304.90	2884.17	169.72	293.97
SMU_1975c_at	0.56	0.53	0.59	0.09	0.16	0.021119	2577.25	2218.97	2845.96	444.48	769.87	4636.66	4165.69	5212.61	306.74	531.30
SMU_1976c_at	0.54	0.52	0.59	0.09	0.16	0.020593	3447.40	2987.20	3686.28	604.26	1046.61	6356.53	5710.85	7146.11	420.52	728.37
SMU_1977c_at	0.56	0.45	0.64	0.10	0.18	0.031988	3292.87	2324.56	3952.26	629.32	1090.01	5714.84	5134.34	6424.71	378.07	654.84
SMU_1978c_at	0.88	0.80	1.04	0.11	0.18	0.359456	7734.36	7117.70	8216.97	834.44	1445.29	8763.72	7873.53	9852.32	579.78	1004.20
SMU_1979c_at	0.64	0.53	0.75	0.10	0.18	0.046611	2191.93	2054.84	2320.61	320.27	554.73	3447.69	3097.48	3875.95	228.09	395.06
SMU_197c_at	4.05	2.18	6.89	1.01	1.74	0.004218	2423.36	1167.02	3387.66	467.59	809.89	547.40	491.80	615.39	36.21	62.72
SMU_1980c_at	1.10	0.69	1.49	0.22	0.37	0.630524	67.63	46.42	86.91	9.94	17.21	59.56	53.51	66.96	3.94	6.82
SMU_1981c_at	1.23	0.80	1.61	0.22	0.39	0.296822	109.24	77.47	136.43	14.50	25.12	86.51	77.72	97.25	5.72	9.91
SMU_1982c_at	1.58	1.09	2.02	0.23	0.40	0.03523	141.93	109.19	175.18	15.74	27.26	88.74	79.72	99.76	5.87	10.17
SMU_1983c_at	1.64	1.22	2.05	0.21	0.36	0.016783	161.11	133.43	196.15	15.84	27.43	97.67	87.75	109.81	6.46	11.19
SMU_1984c_at	1.72	1.25	2.05	0.22	0.37	0.012269	484.36	395.59	563.10	42.92	74.34	280.65	252.14	315.51	18.57	32.16
SMU_1985c_at	2.51	1.92	2.91	0.26	0.44	8.20E-04	511.52	440.48	561.12	31.81	55.10	203.80	183.10	229.11	13.48	23.35
SMU_1987c_at	3.90	3.45	4.40	0.21	0.37	1.59E-05	787.65	710.00	869.18	37.42	64.82	202.20	181.66	227.32	13.38	23.17
SMU_1988c_at	1.44	1.29	1.60	0.11	0.20	0.009112	4224.63	3851.20	4589.88	307.67	532.91	2929.36	2631.80	3293.23	193.80	335.66
SMU_1989c_at	1.03	0.85	1.16	0.12	0.20	0.805088	12646.95	11806.48	13278.13	1169.32	2025.32	12317.56	11066.39	13847.60	814.88	1411.42
SMU_1990c_at	1.10	0.86	1.30	0.13	0.23	0.482823	11609.68	10286.76	12349.63	1076.19	1864.01	10581.34	9506.53	11895.72	700.02	1212.48
SMU_1991c_at	0.93	0.85	1.08	0.11	0.18	0.532176	6711.05	6102.74	7056.39	698.95	1210.62	7262.03	6524.38	8164.09	480.43	832.13
SMU_1992_at	0.64	0.50	0.78	0.11	0.19	0.058685	2767.64	2437.60	3026.34	413.23	715.74	4309.93	3872.14	4845.29	285.13	493.86
SMU_1993c_at	1.62	1.23	2.31	0.24	0.41	0.029181	3993.07	2794.54	6053.56	762.14	1320.07	2328.31	2091.81	2617.53	154.03	266.79
SMU_1994c_at	1.30	1.01	1.79	0.18	0.32	0.135647	7468.98	5410.56	11033.81	1361.24	2357.73	5480.80	4924.08	6161.60	362.59	628.02
SMU_1995c_at	1.33	0.95	2.27	0.28	0.49	0.241451	4159.22	2603.41	7146.60	1087.19	1883.06	2801.31	2516.76	3149.28	185.32	320.99
SMU_1996c_at	0.50	0.40	0.58	0.10	0.17	0.02263	3789.44	3453.08	4305.63	722.45	1251.31	7627.50	6852.72	8574.96	504.61	874.01
SMU_1997c_at	0.83	0.78	0.87	0.09	0.16	0.167002	371.19	312.73	422.73	46.64	80.77	445.64	400.37	500.99	29.48	51.06
SMU_1999c_at	1.09	1.05	1.12	0.09	0.16	0.353889	3920.84	3628.27	4243.45	352.74	610.97	3598.78	3233.23	4045.80	238.08	412.37
SMU_199c_at	6.35	3.65	10.53	1.44	2.49	4.59E-05	1088.25	543.51	1805.68	265.14	459.24	152.51	137.02	171.46	10.09	17.48
SMU_20_at	2.74	2.39	3.07	0.17	0.30	8.51E-05	2488.92	2094.75	3104.99	235.46	407.83	898.24	807.00	1009.81	59.42	102.93
SMU_2000c_at	2.16	1.89	2.45	0.15	0.26	3.55E-04	10991.53	10849.50	11260.34	477.89	827.73	5115.73	4596.09	5751.18	338.44	586.19
SMU_2001c_at	1.40	1.29	1.48	0.10	0.17	0.009512	13799.71	13236.50	14395.46	938.90	1626.23	9924.13	8916.07	11156.87	656.54	1137.17
SMU_2002c_at	1.61	1.34	1.84	0.14	0.25	0.00574	10518.49	9893.02	10844.72	640.76	1109.82	6568.81	5901.57	7384.76	434.57	752.69
SMU_2003a_at	1.47	1.43	1.54	0.09	0.16	0.003744	9544.24	8295.80	11184.51	846.76	1466.63	6463.38	5806.85	7266.24	427.59	740.61
SMU_2003c_at	1.56	1.43	1.64	0.10	0.18	0.00255	12004.41	11394.29	12410.89	740.50	1282.58	7724.61	6939.97	8684.13	511.03	885.13
SMU_2004c_at	1.44	1.38	1.49	0.09	0.16	0.005094	10480.36	9427.95	11360.38	778.97	1349.22	7307.03	6564.81	8214.68	483.41	837.28
SMU_2005c_at	2.92	2.87	2.95	0.09	0.16	4.59E-06	10476.91	9514.37	11585.46	537.87	931.62	3588.31	3223.82	4034.03	237.39	411.17
SMU_2006c_at	1.08	0.99	1.16	0.10	0.17	0.453296	11470.48	11102.38	11891.32	991.71	1717.70	10686.96	9601.41	12014.45	707.01	1224.58
SMU_2007c_at	1.08	0.99	1.14	0.10	0.17	0.429908	13084.06	12432.46	13507.49	1135.79	1967.24	12140.74	10907.52	13648.81	803.19	1391.16
SMU_2008c_at	1.01	0.97	1.05	0.09	0.16	0.916043	12919.93	11074.75	14547.81	1368.90	2371.01	12763.83	11467.32	14349.30	844.41	1462.56
SMU_2009c_at	1.07	1.00	1.14	0.10	0.17	0.482041	15530.07	14964.71	16326.20	1363.07	2360.91	14549.08	13071.24	16356.31	962.51	1667.12
SMU_200c_at	6.27	3.64	8.58	1.25	2.16	6.87E-04	1628.17	857.74	2323.38	301.16	521.63	240.88	216.41	270.80	15.94	27.60
SMU_2010c_at	1.10	0.99	1.21	0.10	0.18	0.352702	15073.21	14894.79	15339.90	1261.63	2185.21	13741.08	12345.30	15447.94	909.06	1574.54
SMU_2011c_at	1.08	1.00	1.16	0.10	0.17	0.420225	13782.82	13342.14	14345.78	1187.82	2057.37	12771.67	11474.37	14358.11	844.93	1463.46
SMU_2012c_at	1.03	1.00	1.05	0.09	0.16	0.773287	11920.61	10808.25	13089.35	1161.03	2010.96	11615.55	10435.68	13058.38	768.44	1330.98
SMU_2014c_at	1.05	0.95	1.17	0.10	0.18	0.620047	14752.43	14490.51	15035.52	1293.17	2239.84	14072.98	12643.49	15821.06	931.02	1612.57
SMU_2015c_at	1.03	0.90	1.14	0.10	0.18	0.813898	10543.55	10501.08	10591.76	945.34	1637.39	10324.19	9275.49	11606.62	683.01	1183.01

SMU_2016c_at	1.05	1.02	1.07	0.09	0.16	0.616399	11382.60	10449.05	12531.48	1085.38	1879.94	10877.10	9772.24	12228.21	719.59	1246.36
SMU_2017c_at	1.05	0.98	1.11	0.09	0.16	0.622052	15773.84	15023.12	16697.08	1424.30	2466.96	15088.89	13556.21	16963.17	998.23	1728.98
SMU_2018c_at	0.98	0.93	1.01	0.09	0.16	0.846217	11190.38	10380.70	11999.06	1098.03	1901.85	11438.35	10276.48	12859.17	756.72	1310.68
SMU_2019c_at	1.01	0.94	1.04	0.09	0.16	0.945507	10716.25	10001.24	11330.90	1015.00	1758.03	10676.28	9591.82	12002.44	706.30	1223.35
SMU_2020c_at	1.04	0.96	1.13	0.10	0.17	0.674101	15306.11	15004.70	15898.15	1364.79	2363.89	14731.50	13235.12	16561.38	974.58	1688.03
SMU_2021c_at	1.02	0.97	1.09	0.09	0.16	0.854541	12950.66	12443.17	13893.38	1214.75	2104.00	12758.68	11462.70	14343.51	844.07	1461.97
SMU_2022c_at	1.04	0.97	1.12	0.10	0.17	0.670023	11915.71	11529.27	12544.46	1073.56	1859.47	11468.10	10303.21	12892.62	758.69	1314.08
SMU_2023c_at	1.00	0.89	1.12	0.10	0.18	0.975568	7697.15	7576.01	7773.99	706.65	1223.95	7704.30	6921.73	8661.30	509.69	882.81
SMU_2024c_at	0.93	0.88	0.96	0.09	0.16	0.4805	6294.93	5765.63	6760.26	656.17	1136.51	6811.22	6119.36	7657.28	450.61	780.47
SMU_2025c_at	1.02	0.95	1.09	0.10	0.17	0.831853	14321.10	13808.07	15085.46	1317.54	2282.05	14073.70	12644.14	15821.88	931.06	1612.65
SMU_2026c_at	1.05	1.04	1.06	0.09	0.16	0.603158	10925.57	9962.17	12167.63	1059.17	1834.53	10416.99	9358.87	11710.94	689.15	1193.64
SMU_2027_at	0.66	0.56	0.78	0.10	0.18	0.051191	4186.55	3679.82	4865.57	634.24	1098.53	6368.92	5721.99	7160.05	421.34	729.79
SMU_2028c_at	1.58	1.31	1.75	0.14	0.24	0.006709	5591.55	5230.10	6077.18	371.19	642.92	3555.58	3194.42	3997.24	235.22	407.42
SMU_2029c_at	0.92	0.76	1.11	0.12	0.21	0.54021	9935.60	9216.09	10849.10	1049.29	1817.43	10842.06	9740.76	12188.82	717.27	1242.35
SMU_202c_at	8.21	4.69	11.83	1.70	2.95	4.72E-04	1430.55	733.38	2126.79	284.81	493.30	159.95	143.70	179.82	10.58	18.33
SMU_2030c_at	0.95	0.91	1.01	0.09	0.16	0.597106	5087.21	4826.88	5513.61	516.94	895.37	5397.09	4848.87	6067.50	357.05	618.43
SMU_2031c_at	0.87	0.82	0.93	0.09	0.16	0.263904	9162.62	8770.82	9741.95	988.13	1711.49	10549.26	9477.70	11859.65	697.90	1208.80
SMU_2032c_at	0.71	0.58	0.80	0.11	0.18	0.081754	8323.73	7678.26	8846.71	1097.13	1900.28	11687.94	10500.72	13139.77	773.23	1339.28
SMU_2033c_at	0.93	0.89	0.98	0.09	0.16	0.488041	1800.60	1694.21	1986.03	189.91	328.94	1945.97	1748.31	2187.69	128.74	222.98
SMU_2035_at	0.74	0.68	0.83	0.10	0.17	0.07699	3590.81	3399.03	3745.95	452.75	784.19	4882.58	4386.63	5489.08	323.01	559.48
SMU_2036c_at	0.89	0.72	1.05	0.12	0.20	0.436461	10351.02	9409.75	10951.27	1114.32	1930.06	11602.10	10423.60	13043.26	767.55	1329.44
SMU_2037c_at	1.33	1.07	1.84	0.19	0.32	0.106969	445.58	385.45	550.12	47.98	83.10	332.34	298.58	373.62	21.99	38.08
SMU_2038c_at	1.28	1.03	1.68	0.16	0.28	0.120302	592.05	534.93	695.52	55.93	96.87	461.44	414.57	518.76	30.53	52.88
SMU_2040_at	0.33	0.30	0.42	0.09	0.16	0.014164	412.32	355.26	462.17	114.83	198.89	1231.14	1106.08	1384.07	81.45	141.07
SMU_2042c_at	0.95	0.77	1.12	0.12	0.21	0.706133	10138.50	9196.22	10799.15	1036.72	1795.65	10690.33	9604.44	12018.24	707.23	1224.96
SMU_2043c_at	2.08	1.59	2.73	0.25	0.44	0.003553	4371.09	3733.75	5125.80	344.96	597.49	2087.84	1875.77	2347.19	138.12	239.24
SMU_2044c_at	1.66	1.33	2.14	0.19	0.33	0.010736	5775.74	5192.44	6667.42	451.04	781.22	3469.66	3117.23	3900.65	229.54	397.58
SMU_2046c_at	1.36	1.20	1.51	0.11	0.19	0.019804	2492.12	2479.15	2509.49	168.41	291.70	1838.29	1651.56	2066.63	121.61	210.64
SMU_2047c_at	0.90	0.76	1.02	0.11	0.19	0.433888	9474.33	8995.42	9758.18	980.33	1697.98	10545.55	9474.37	11855.48	697.65	1208.37
SMU_2048_at	0.59	0.45	0.88	0.13	0.23	0.06906	158.47	132.19	209.12	30.12	52.17	264.51	237.64	297.36	17.50	30.31
SMU_2049c_at	1.02	0.75	1.30	0.15	0.26	0.918191	3351.39	2771.68	3830.97	371.93	644.20	3282.84	2949.38	3690.62	217.18	376.17
SMU_204c_at	7.02	4.33	11.24	1.41	2.44	5.65E-04	3171.18	1731.66	5167.52	729.41	1263.37	408.95	367.41	459.75	27.05	46.86
SMU_2050c_at	0.94	0.70	1.15	0.14	0.24	0.677528	2607.69	2198.28	2869.03	293.31	508.03	2775.13	2493.25	3119.85	183.59	317.99
SMU_2052c_at	0.79	0.64	0.88	0.11	0.19	0.152233	1011.72	932.30	1102.79	123.04	213.12	1288.36	1157.49	1448.40	85.23	147.63
SMU_2053c_at	0.61	0.33	0.84	0.18	0.31	0.14641	454.00	197.56	610.73	110.11	190.71	670.54	602.42	753.83	44.36	76.83
SMU_2054c_at	0.68	0.54	0.78	0.11	0.19	0.074106	1732.15	1534.56	1896.75	243.52	421.79	2531.28	2274.17	2845.71	167.46	290.05
SMU_2055_at	0.42	0.37	0.48	0.09	0.16	0.014887	1729.44	1485.85	1960.61	392.66	680.11	4156.18	3734.01	4672.45	274.96	476.24
SMU_2056_at	0.42	0.33	0.51	0.10	0.17	0.019142	3656.30	3199.07	3944.49	808.54	1400.43	8649.44	7770.86	9723.84	572.22	991.11
SMU_2057c_at	1.11	0.49	2.41	0.42	0.73	0.773368	1384.23	592.80	2330.15	372.13	644.55	1077.48	968.03	1211.32	71.28	123.46
SMU_2058_at	0.82	0.67	0.95	0.11	0.19	0.209917	1259.68	1158.67	1315.78	145.71	252.37	1542.82	1386.11	1734.46	102.07	176.79
SMU_2059c_at	0.64	0.47	0.81	0.12	0.21	0.069265	1624.64	1349.41	1842.10	254.16	440.22	2539.87	2281.88	2855.37	168.03	291.03
SMU_205c_at	7.09	4.07	10.92	1.51	2.62	6.91E-04	2091.40	1064.08	3283.48	457.42	792.27	267.41	240.25	300.62	17.69	30.64
SMU_2060_at	0.75	0.66	0.82	0.10	0.17	0.087644	7018.59	6908.01	7188.99	864.62	1497.57	9420.81	8463.87	10591.02	623.25	1079.49
SMU_2061_at	0.71	0.62	0.77	0.10	0.17	0.062923	6600.62	6485.21	6784.38	859.84	1489.29	9364.77	8413.53	10528.02	619.54	1073.07
SMU_2063c_at	1.24	1.16	1.40	0.11	0.18	0.061969	2582.19	2411.36	2719.93	201.43	348.89	2086.01	1874.12	2345.13	138.00	239.03
SMU_2064c_at	1.10	0.92	1.37	0.13	0.23	0.462958	1769.18	1654.49	1983.45	165.60	286.83	1608.14	1444.79	1807.90	106.39	184.27
SMU_2065c_at	1.07	0.86	1.41	0.15	0.25	0.624931	2562.72	2305.18	3011.67	269.90	467.49	2379.95	2138.20	2675.58	157.45	272.71
SMU_2066c_at	1.07	0.90	1.26	0.12	0.21	0.594801	4376.53	4164.44	4673.10	392.25	679.39	4118.86	3700.48	4630.49	272.49	471.96
SMU_2067c_at	1.03	0.85	1.13	0.12	0.20	0.815989	5034.61	4693.48	5442.37	475.27	823.19	4908.88	4410.25	5518.64	324.75	562.49
SMU_2069_at	0.44	0.29	0.55	0.12	0.20	0.030964	469.68	344.74	567.80	107.69	186.52	1060.93	953.16	1192.71	70.19	121.57

SMU_206c_at	4.76	2.78	6.68	0.95	1.64	0.001292	2205.14	1162.64	3215.34	420.99	729.18	428.16	384.67	481.35	28.33	49.06
SMU_2070_at	0.69	0.59	0.78	0.10	0.18	0.063792	690.58	658.65	711.72	92.11	159.54	998.25	896.85	1122.25	66.04	114.39
SMU_2071c_at	0.99	0.86	1.15	0.11	0.19	0.923843	2558.77	2168.54	2835.44	275.72	477.55	2582.03	2319.75	2902.75	170.82	295.86
SMU_2072c_at	1.00	0.85	1.11	0.11	0.19	0.966507	1924.60	1602.17	2244.74	219.61	380.38	1924.01	1728.57	2163.00	127.29	220.46
SMU_2073c_at	0.89	0.80	1.10	0.11	0.20	0.417111	1704.06	1358.01	2295.29	270.60	468.70	1863.56	1674.26	2095.04	123.29	213.54
SMU_2074c_at	0.70	0.62	0.85	0.10	0.18	0.070763	7744.12	7001.38	8472.93	1060.40	1836.67	11108.41	9980.05	12488.25	734.89	1272.87
SMU_2075c_at	1.03	0.84	1.22	0.12	0.21	0.788877	4543.93	4160.86	4811.91	426.43	738.60	4403.66	3956.35	4950.67	291.33	504.60
SMU_2076c_at	2.44	2.28	2.78	0.15	0.25	1.17E-04	605.59	506.92	672.57	42.23	73.14	247.64	222.48	278.40	16.38	28.38
SMU_2077c_at	1.26	1.19	1.30	0.09	0.16	0.037235	4037.07	3748.25	4294.46	315.08	545.73	3216.69	2889.95	3616.25	212.80	368.59
SMU_2078c_at	1.07	0.98	1.15	0.10	0.17	0.494736	11683.44	11324.12	12022.87	1012.91	1754.41	10953.71	9841.07	12314.34	724.66	1255.14
SMU_2079c_at	1.11	0.99	1.21	0.10	0.18	0.329609	6522.11	5195.44	7457.04	720.16	1247.35	5844.98	5251.27	6571.02	386.68	669.75
SMU_207c_at	4.84	2.85	6.42	0.94	1.62	0.001121	2280.12	1223.73	3170.85	403.76	699.33	439.46	394.83	494.05	29.07	50.36
SMU_2080_at	0.90	0.82	1.05	0.10	0.18	0.421743	162.13	148.89	170.61	17.16	29.73	180.11	161.82	202.49	11.92	20.64
SMU_2081_at	0.97	0.75	1.30	0.15	0.25	0.841456	79.07	68.79	94.81	9.35	16.19	81.17	72.93	91.25	5.37	9.30
SMU_2083c_at	1.18	1.13	1.28	0.10	0.17	0.120475	7265.62	6264.07	7818.86	667.19	1155.61	6172.31	5545.35	6939.01	408.34	707.26
SMU_2084c_at	0.89	0.84	0.92	0.09	0.16	0.304672	8662.35	7906.62	9221.59	939.72	1627.64	9807.81	8811.57	11026.10	648.85	1123.84
SMU_2085c_at	0.94	0.80	1.06	0.11	0.19	0.618952	11240.48	10812.62	11516.12	1108.59	1920.14	11992.94	10774.74	13482.66	793.41	1374.22
SMU_2086c_at	0.90	0.76	0.98	0.11	0.18	0.408448	8765.23	8391.32	9267.83	915.59	1585.84	9795.74	8800.72	11012.53	648.05	1122.46
SMU_2087c_at	0.94	0.90	1.01	0.09	0.16	0.583492	4158.55	3580.83	4560.09	454.39	787.02	4405.05	3957.60	4952.23	291.42	504.76
SMU_2088c_at	0.86	0.77	0.93	0.10	0.17	0.260953	4336.00	4041.33	4594.47	474.76	822.30	5035.13	4523.68	5660.57	333.11	576.96
SMU_2089c_at	0.93	0.75	1.09	0.12	0.21	0.608969	3067.87	2763.23	3232.31	320.70	555.46	3299.13	2964.01	3708.93	218.26	378.03
SMU_2090c_at	0.96	0.88	1.05	0.10	0.17	0.720989	861.20	845.29	886.90	82.80	143.42	898.91	807.61	1010.57	59.47	103.00
SMU_2091c_at	0.76	0.59	0.91	0.12	0.20	0.147991	6366.28	5570.59	6858.96	815.54	1412.56	8350.83	7502.58	9388.14	552.46	956.89
SMU_2092c_at	0.69	0.60	0.75	0.10	0.17	0.057743	5421.25	5202.65	5786.00	731.93	1267.74	7868.27	7069.04	8845.64	520.54	901.60
SMU_2093c_at	0.68	0.61	0.76	0.10	0.17	0.051612	6200.72	5606.00	6767.28	864.87	1498.00	9084.74	8161.94	10213.21	601.01	1040.99
SMU_2094c_at	0.38	0.33	0.43	0.09	0.16	0.013824	702.69	655.62	769.95	170.12	294.66	1839.06	1652.26	2067.50	121.67	210.73
SMU_2096c_at	0.21	0.17	0.26	0.09	0.15	0.013463	219.42	152.62	256.42	95.72	165.79	1013.09	910.19	1138.94	67.02	116.09
SMU_2097_at	0.56	0.45	0.64	0.10	0.18	0.030421	2437.23	2220.30	2738.28	413.91	716.92	4359.15	3916.36	4900.62	288.39	499.50
SMU_2098_at	0.70	0.58	0.78	0.10	0.18	0.068687	6589.13	6166.35	6993.39	883.11	1529.59	9468.21	8506.46	10644.31	626.38	1084.93
SMU_2099c_at	1.09	0.97	1.25	0.11	0.19	0.42251	3828.39	3708.73	3956.49	326.09	564.81	3518.71	3161.29	3955.79	232.79	403.20
SMU_21_at	2.74	2.40	3.48	0.25	0.43	3.75E-04	1943.36	1526.15	2690.17	272.03	471.16	687.56	617.72	772.97	45.49	78.79
SMU_2100c_at	1.16	0.98	1.28	0.11	0.20	0.212498	4091.20	3933.71	4266.22	332.38	575.69	3553.47	3192.52	3994.87	235.08	407.18
SMU_2101c_at	1.19	0.97	1.44	0.14	0.23	0.194306	5924.48	5430.25	6464.76	502.69	870.69	4979.85	4474.01	5598.43	329.45	570.62
SMU_2102c_at	0.95	0.75	1.14	0.13	0.22	0.725965	11345.22	10095.06	12191.37	1181.40	2046.25	11926.84	10715.35	13408.34	789.04	1366.65
SMU_2104_at	0.94	0.73	1.12	0.13	0.22	0.65559	5850.37	5117.89	6263.74	627.73	1087.26	6242.55	5608.45	7017.98	412.98	715.31
SMU_2104a_at	0.94	0.87	1.00	0.10	0.16	0.574512	10509.21	10114.56	10980.50	1042.11	1804.99	11214.36	10075.24	12607.36	741.90	1285.01
SMU_2105_at	1.22	1.12	1.31	0.10	0.17	0.069573	6174.46	5060.72	7025.98	617.80	1070.06	5031.22	4520.17	5656.18	332.85	576.51
SMU_2106c_at	0.25	0.24	0.26	0.08	0.15	0.011468	383.25	360.83	419.67	142.81	247.36	1553.50	1395.70	1746.47	102.77	178.01
SMU_2107c_at	0.24	0.23	0.26	0.08	0.15	0.011639	733.46	672.59	815.35	276.44	478.80	3001.64	2696.74	3374.49	198.58	343.95
SMU_2108c_at	0.25	0.24	0.26	0.08	0.15	0.011472	1157.63	1008.68	1277.71	430.14	745.02	4658.68	4185.47	5237.36	308.20	533.82
SMU_2109_at	1.23	0.77	1.61	0.24	0.41	0.33251	618.83	422.88	773.69	85.77	148.56	490.64	440.80	551.58	32.46	56.22
SMU_210c_at	5.78	3.49	7.99	1.07	1.86	6.38E-04	2239.18	1232.61	3240.55	411.20	712.23	360.98	324.31	405.82	23.88	41.36
SMU_2111c_at	1.41	1.14	1.62	0.14	0.25	0.027642	200.25	181.20	224.71	15.86	27.47	141.88	127.47	159.51	9.39	16.26
SMU_2112c_at	0.88	0.76	0.96	0.10	0.18	0.348136	8163.50	7883.07	8575.25	861.92	1492.88	9273.67	8331.68	10425.61	613.51	1062.63
SMU_2113c_at	0.49	0.44	0.55	0.09	0.16	0.01798	642.20	578.28	700.28	122.16	211.59	1306.19	1173.51	1468.44	86.41	149.67
SMU_2114c_at	0.52	0.40	0.59	0.10	0.18	0.028286	767.04	520.49	954.08	159.57	276.38	1431.99	1286.54	1609.87	94.74	164.09
SMU_2115_at	0.95	0.78	1.06	0.12	0.20	0.683222	242.61	223.61	264.34	24.91	43.14	256.23	230.20	288.05	16.95	29.36
SMU_2116_at	0.56	0.41	0.73	0.12	0.20	0.046429	3450.64	2803.77	4287.98	634.24	1098.53	6041.77	5428.06	6792.25	399.70	692.30
SMU_2117_at	0.79	0.64	1.07	0.13	0.22	0.22235	5052.77	4130.52	6527.80	778.32	1348.08	6257.04	5621.47	7034.26	413.94	716.97
SMU_2118_at	0.85	0.67	1.13	0.13	0.23	0.343194	3176.82	2659.47	4086.25	467.44	809.62	3695.54	3320.16	4154.58	244.48	423.46

SMU_2119_at	0.92	0.72	1.19	0.13	0.23	0.595302	3015.98	2626.36	3764.07	397.71	688.85	3243.61	2914.14	3646.52	214.59	371.67
SMU_211c_at	4.53	2.89	7.28	0.89	1.54	0.00136	1565.00	884.43	2564.42	362.12	627.21	313.17	281.36	352.07	20.72	35.89
SMU_2120c_at	0.75	0.67	0.90	0.10	0.18	0.102575	3193.49	2791.80	3423.82	414.82	718.49	4255.30	3823.06	4783.87	281.51	487.60
SMU_2121c_at	0.59	0.56	0.63	0.09	0.16	0.025604	1174.17	1039.59	1400.24	197.81	342.62	1974.18	1773.65	2219.40	130.60	226.21
SMU_2123_at	0.80	0.73	0.84	0.09	0.16	0.126991	689.99	647.82	713.72	80.66	139.71	865.80	777.85	973.34	57.28	99.21
SMU_2124_s_at	0.80	0.77	0.83	0.09	0.16	0.123683	562.66	522.33	609.47	66.70	115.52	701.69	630.41	788.85	46.42	80.40
SMU_2125_at	0.99	0.94	1.03	0.09	0.16	0.911324	792.45	674.83	897.61	86.26	149.41	799.24	718.06	898.52	52.87	91.58
SMU_2126c_at	0.66	0.62	0.71	0.09	0.16	0.039342	2983.49	2895.38	3153.09	419.48	726.56	4534.95	4074.30	5098.26	300.02	519.64
SMU_2127_at	1.20	1.03	1.55	0.15	0.25	0.211332	5535.97	4826.53	6428.43	538.18	932.15	4615.31	4146.50	5188.60	305.33	528.85
SMU_2128_at	0.90	0.76	1.02	0.11	0.19	0.414853	7682.12	7310.24	7872.56	797.64	1381.56	8593.62	7720.71	9661.08	568.52	984.71
SMU_2129c_at	0.73	0.70	0.77	0.09	0.16	0.06334	4197.09	3750.29	4518.99	552.29	956.59	5764.00	5178.52	6479.99	381.33	660.48
SMU_212c_at	4.49	2.82	7.90	1.00	1.73	0.002198	902.56	488.87	1574.28	240.15	415.96	177.24	159.24	199.26	11.73	20.31
SMU_2130_at	0.51	0.36	0.60	0.11	0.20	0.03381	828.86	662.81	958.31	161.35	279.47	1628.59	1463.16	1830.89	107.74	186.61
SMU_2131_at	0.42	0.37	0.47	0.09	0.16	0.014736	189.92	174.09	208.33	42.19	73.08	454.36	408.20	510.80	30.06	52.06
SMU_2133c_at	0.55	0.44	0.69	0.11	0.18	0.032887	251.45	195.03	280.54	46.15	79.93	454.50	408.33	510.96	30.07	52.08
SMU_2134_at	0.63	0.62	0.64	0.09	0.16	0.029726	675.94	607.83	770.02	104.47	180.95	1077.70	968.23	1211.57	71.30	123.49
SMU_2135c_at	1.45	1.35	1.54	0.10	0.17	0.00563	5298.89	5071.75	5572.74	351.95	609.60	3674.13	3300.93	4130.52	243.07	421.00
SMU_2136c_at	1.23	1.14	1.36	0.10	0.18	0.067942	2783.77	2447.00	3009.13	240.39	416.36	2266.87	2036.61	2548.45	149.97	259.75
SMU_2137c_at	0.96	0.87	1.06	0.10	0.17	0.697267	5336.12	4319.26	5947.22	623.08	1079.20	5539.88	4977.16	6228.02	366.50	634.79
SMU_2138c_at	0.96	0.84	1.03	0.10	0.18	0.696111	7682.07	7344.04	8131.76	756.23	1309.82	8060.00	7241.29	8941.18	533.22	923.56
SMU_2139c_at	0.98	0.89	1.08	0.10	0.17	0.840463	4532.69	4030.64	4906.12	462.72	801.46	4635.68	4164.81	5211.51	306.68	531.19
SMU_213c_at	3.64	2.41	5.96	0.71	1.23	0.002424	699.72	408.89	1165.71	167.20	289.59	173.87	156.21	195.47	11.50	19.92
SMU_2140c_at	1.00	0.88	1.07	0.10	0.18	0.984755	8392.75	8097.01	8718.80	780.20	1351.34	8407.89	7553.85	9452.29	556.24	963.43
SMU_2141c_at	2.49	1.94	3.24	0.28	0.49	0.001226	4095.44	3571.97	4775.31	293.10	507.66	1638.94	1472.46	1842.52	108.43	187.80
SMU_2142c_at	1.28	1.02	1.60	0.15	0.26	0.104747	3636.12	3241.06	4081.38	311.98	540.36	2839.87	2551.41	3192.63	187.88	325.41
SMU_2143c_at	1.18	0.94	1.43	0.14	0.25	0.227996	9465.18	8422.38	10318.04	831.40	1440.03	8004.47	7191.40	8998.75	529.55	917.20
SMU_2146c_at	0.35	0.30	0.42	0.09	0.16	0.013963	1845.61	1626.91	2153.64	494.54	856.57	5261.49	4727.04	5915.05	348.08	602.89
SMU_2147c_at	0.76	0.64	0.85	0.10	0.18	0.110777	6785.79	6444.48	7457.30	851.40	1474.67	8931.09	8023.90	10040.48	590.85	1023.38
SMU_2148c_at	0.74	0.64	0.82	0.10	0.17	0.087042	5604.08	5442.75	5791.28	699.25	1211.13	7597.70	6825.95	8541.46	502.64	870.59
SMU_2149c_at	0.75	0.63	0.89	0.11	0.18	0.107834	3575.91	3377.98	3815.61	448.07	776.07	4793.36	4306.46	5388.77	317.11	549.25
SMU_214c_at	2.66	1.96	3.97	0.41	0.71	0.002994	1313.85	882.13	2054.34	266.36	461.35	460.53	413.75	517.74	30.47	52.77
SMU_2150c_at	0.79	0.71	0.84	0.10	0.16	0.120146	5386.93	5131.38	5535.22	632.44	1095.43	6836.85	6142.38	7686.09	452.30	783.41
SMU_2151c_at	0.81	0.79	0.85	0.09	0.16	0.132073	4135.32	3602.25	4565.53	508.44	880.65	5106.30	4587.62	5740.59	337.81	585.11
SMU_2152c_at	0.72	0.67	0.78	0.09	0.16	0.063812	4239.62	4115.61	4415.35	542.72	940.02	5887.07	5289.09	6618.34	389.47	674.58
SMU_2153c_at	0.77	0.67	0.84	0.10	0.17	0.110128	3069.09	2997.54	3188.53	367.81	637.07	3990.79	3585.41	4486.51	264.02	457.29
SMU_2154c_at	0.69	0.58	0.79	0.10	0.18	0.061169	1999.23	1852.77	2240.34	280.07	485.10	2911.83	2616.06	3273.53	192.64	333.66
SMU_2155_at	0.65	0.61	0.70	0.09	0.16	0.036369	2941.39	2464.92	3264.86	448.85	777.44	4528.58	4068.58	5091.11	299.59	518.91
SMU_2156_at	0.69	0.58	0.76	0.10	0.18	0.063365	4113.32	3891.42	4374.17	554.71	960.78	5960.88	5355.40	6701.32	394.35	683.03
SMU_2157c_at	0.75	0.66	0.83	0.10	0.17	0.085686	8148.20	8126.49	8161.64	1004.25	1739.41	10969.30	9855.07	12331.86	725.69	1256.93
SMU_2158c_at	0.75	0.68	0.82	0.10	0.16	0.081055	5183.51	5113.66	5317.47	640.00	1108.52	6971.70	6263.54	7837.70	461.22	798.86
SMU_2159_at	0.46	0.38	0.50	0.10	0.17	0.018336	2833.17	2626.40	3052.75	576.36	998.28	6223.31	5591.16	6996.34	411.71	713.10
SMU_215c_at	3.47	2.33	5.10	0.58	1.00	0.001567	1226.39	749.12	1886.89	242.99	420.87	329.16	295.73	370.05	21.78	37.72
SMU_2160_at	0.66	0.59	0.71	0.09	0.16	0.040312	837.10	815.77	853.40	117.55	203.60	1281.08	1150.95	1440.21	84.75	146.79
SMU_2161c_at	1.04	0.95	1.20	0.11	0.18	0.691923	1247.88	1020.47	1391.98	135.98	235.52	1190.10	1069.21	1337.92	78.73	136.37
SMU_2162c_at	0.74	0.66	0.80	0.10	0.17	0.078926	1189.86	943.25	1377.21	172.07	298.03	1595.02	1433.00	1793.15	105.52	182.77
SMU_2164_at	0.62	0.52	0.85	0.12	0.20	0.061723	4806.41	3710.29	6262.31	874.26	1514.27	7542.44	6776.30	8479.33	498.98	864.26
SMU_2165_at	0.64	0.45	0.86	0.13	0.22	0.082444	1107.95	875.93	1440.11	197.75	342.52	1712.89	1538.90	1925.66	113.32	196.27
SMU_216c_at	3.52	2.40	6.26	0.76	1.32	0.003856	926.89	542.68	1631.51	250.36	433.64	231.82	208.27	260.62	15.34	26.56
SMU_217c_at	1.61	1.07	2.39	0.29	0.50	0.052974	1059.94	637.81	1640.67	219.49	380.16	610.55	548.54	686.39	40.39	69.96
SMU_218_at	0.54	0.48	0.60	0.09	0.16	0.022105	829.53	656.04	931.34	153.10	265.18	1530.82	1375.33	1720.97	101.27	175.41

SMU_219_at	0.47	0.39	0.52	0.10	0.17	0.019497	624.69	453.10	762.71	134.92	233.69	1295.57	1163.97	1456.50	85.71	148.45
SMU_22_at	0.88	0.76	0.97	0.10	0.18	0.347065	14375.76	13948.10	14922.50	1508.68	2613.11	16329.33	14670.65	18357.69	1080.29	1871.11
SMU_220c_at	0.93	0.80	1.11	0.11	0.19	0.582442	4692.20	3537.11	6132.67	703.24	1218.05	4929.50	4428.78	5541.82	326.12	564.85
SMU_223c_at	0.86	0.65	1.02	0.13	0.22	0.350597	1087.30	720.72	1408.94	180.57	312.75	1226.95	1102.32	1379.36	81.17	140.59
SMU_224c_at	0.91	0.85	1.00	0.10	0.17	0.439798	2853.53	2365.92	3168.85	333.97	578.46	3108.15	2792.43	3494.23	205.62	356.15
SMU_225c_x_at	0.93	0.83	0.99	0.10	0.17	0.522211	2070.59	1651.50	2412.25	256.59	444.43	2211.12	1986.52	2485.77	146.28	253.36
SMU_227c_at	0.92	0.86	1.03	0.10	0.17	0.491737	3082.70	2570.41	3355.01	354.56	614.11	3328.68	2990.56	3742.15	220.21	381.42
SMU_228_at	0.83	0.80	0.85	0.09	0.16	0.157273	6559.54	5681.26	7426.47	807.47	1398.58	7915.22	7111.22	8898.42	523.64	906.97
SMU_229_at	0.83	0.70	0.95	0.11	0.18	0.221044	7521.39	7149.73	7741.03	840.31	1455.45	9064.65	8143.90	10190.63	599.68	1038.68
SMU_23_at	0.63	0.49	0.72	0.11	0.19	0.052165	3603.32	3167.18	3993.32	549.14	951.14	5705.73	5126.16	6414.47	377.47	653.80
SMU_231_at	0.93	0.78	1.04	0.11	0.19	0.57522	8535.87	8080.54	8978.56	861.31	1491.84	9192.65	8258.89	10334.53	608.15	1053.35
SMU_232_at	0.96	0.87	1.01	0.10	0.17	0.705337	9944.13	9379.92	10253.42	972.15	1683.82	10392.35	9336.73	11683.25	687.52	1190.82
SMU_233_at	1.02	0.95	1.09	0.10	0.17	0.829988	13255.96	12802.22	13837.65	1211.78	2098.87	13024.26	11701.30	14642.09	861.64	1492.40
SMU_234_at	0.87	0.66	1.11	0.13	0.23	0.395851	6647.41	5653.42	7618.00	807.69	1398.97	7657.80	6879.95	8609.03	506.61	877.48
SMU_235_at	0.61	0.52	0.74	0.10	0.18	0.039195	5589.92	5307.03	6109.69	864.33	1497.06	9224.82	8287.80	10370.69	610.28	1057.04
SMU_236c_at	0.71	0.56	0.82	0.11	0.19	0.085489	2720.51	2432.48	2903.93	367.90	637.23	3857.69	3465.84	4336.87	255.21	442.04
SMU_237c_at	1.33	0.94	1.71	0.20	0.34	0.121805	2271.20	1784.67	2593.38	233.63	404.65	1690.56	1518.84	1900.55	111.84	193.71
SMU_238c_at	2.20	1.77	2.69	0.21	0.37	0.001178	2720.22	2123.17	3075.11	240.25	416.12	1227.51	1102.83	1379.99	81.21	140.66
SMU_239c_at	0.50	0.30	0.91	0.16	0.28	0.081995	79.98	49.70	130.75	22.57	39.09	147.75	132.75	166.11	9.77	16.93
SMU_24_at	0.52	0.48	0.60	0.09	0.16	0.020505	3706.34	3156.64	4128.57	680.68	1178.98	7095.37	6374.64	7976.72	469.40	813.03
SMU_241c_at	0.76	0.70	0.88	0.10	0.17	0.099046	2173.24	1987.46	2266.75	271.36	470.00	2875.93	2583.80	3233.16	190.26	329.54
SMU_242c_at	0.79	0.63	0.93	0.11	0.20	0.17488	2470.17	2214.73	2601.72	300.19	519.95	3127.08	2809.44	3515.51	206.88	358.32
SMU_243_at	0.99	0.85	1.13	0.11	0.19	0.958896	4467.66	4313.04	4574.92	416.88	722.06	4512.41	4054.05	5072.92	298.52	517.06
SMU_244_at	1.14	0.96	1.36	0.12	0.21	0.297306	4821.18	4572.59	5178.23	410.05	710.23	4250.07	3818.36	4777.99	281.17	487.00
SMU_245_at	0.83	0.74	0.90	0.10	0.17	0.190941	9914.32	9320.35	10470.72	1117.66	1935.84	11935.02	10722.70	13417.54	789.58	1367.59
SMU_246_at	0.84	0.71	0.94	0.11	0.18	0.228778	9073.67	8621.42	9441.36	1009.69	1748.84	10871.59	9767.29	12222.02	719.22	1245.73
SMU_247_at	1.18	0.98	1.35	0.12	0.21	0.182213	12316.60	11559.45	12696.18	995.06	1723.49	10468.50	9405.14	11768.85	692.56	1199.54
SMU_248_at	1.14	0.83	1.43	0.16	0.29	0.404148	11371.70	9265.23	12722.95	1180.03	2043.87	9909.53	8902.95	11140.45	655.58	1135.49
SMU_249_at	1.19	0.89	1.48	0.16	0.28	0.261093	10256.81	8651.74	11430.56	983.00	1702.61	8609.92	7735.35	9679.41	569.60	986.58
SMU_25_at	0.69	0.66	0.76	0.09	0.16	0.050569	3360.11	2853.61	3652.16	477.79	827.55	4835.43	4344.26	5436.07	319.89	554.07
SMU_250_at	1.17	0.87	1.52	0.17	0.29	0.315131	8717.30	7249.30	10103.74	893.16	1547.00	7387.60	6637.19	8305.25	488.74	846.52
SMU_251_at	1.10	0.82	1.43	0.16	0.28	0.52518	10979.06	9106.62	12728.98	1169.56	2025.74	9886.94	8882.66	11115.06	654.08	1132.91
SMU_252_at	1.97	1.70	2.52	0.20	0.34	0.002364	2391.10	2007.54	2733.62	185.42	321.16	1206.71	1084.14	1356.60	79.83	138.27
SMU_253c_at	0.45	0.39	0.53	0.09	0.16	0.017453	3255.42	3133.12	3465.35	666.99	1155.26	7240.01	6504.59	8139.34	478.97	829.60
SMU_255_at	0.79	0.73	0.85	0.09	0.16	0.116824	7341.63	7144.73	7638.48	860.50	1490.43	9326.71	8379.33	10485.24	617.02	1068.71
SMU_256_at	1.05	0.92	1.21	0.11	0.19	0.653211	8586.83	8388.30	8918.87	759.77	1315.97	8198.23	7365.48	9216.58	542.36	939.40
SMU_257_at	1.02	0.90	1.12	0.10	0.18	0.859473	7051.67	7003.95	7124.70	636.71	1102.81	6948.97	6243.12	7812.14	459.72	796.26
SMU_258_at	1.07	0.94	1.21	0.11	0.19	0.541445	8641.91	8539.34	8829.18	746.21	1292.47	8118.76	7294.09	9127.24	537.11	930.30
SMU_259_at	1.10	0.98	1.28	0.11	0.19	0.390572	6008.63	5721.58	6301.34	515.00	892.00	5474.83	4918.72	6154.89	362.19	627.34
SMU_26_at	0.80	0.68	0.87	0.10	0.18	0.147188	8695.95	8358.04	9334.42	1026.42	1777.82	10937.02	9826.08	12295.57	723.55	1253.23
SMU_260_at	1.38	0.99	2.03	0.23	0.40	0.122151	2913.85	2318.33	3788.13	368.67	638.55	2077.97	1866.90	2336.09	137.47	238.11
SMU_261c_at	1.58	1.17	2.08	0.21	0.37	0.025556	1100.54	908.26	1290.90	100.48	174.04	690.46	620.33	776.23	45.68	79.12
SMU_262_at	1.95	1.27	3.39	0.43	0.74	0.035065	290.99	203.42	433.12	52.34	90.66	142.05	127.62	159.70	9.40	16.28
SMU_263_at	1.77	1.14	2.90	0.36	0.63	0.04641	309.85	216.83	439.22	49.64	85.98	168.46	151.35	189.39	11.14	19.30
SMU_264_at	2.01	1.44	3.27	0.38	0.65	0.018836	465.87	362.64	657.67	70.91	122.82	223.99	201.24	251.81	14.82	25.67
SMU_265_at	1.91	1.23	3.32	0.42	0.73	0.039207	239.24	164.78	355.26	42.98	74.44	119.11	107.01	133.91	7.88	13.65
SMU_267c_at	0.84	0.63	1.05	0.13	0.23	0.317662	5786.03	4902.26	6485.10	710.10	1229.92	6870.16	6172.31	7723.55	454.50	787.22
SMU_268_at	0.74	0.56	0.89	0.12	0.21	0.126138	4966.14	4255.97	5378.09	666.74	1154.82	6742.00	6057.17	7579.46	446.03	772.54
SMU_27_at	0.68	0.60	0.73	0.10	0.17	0.051522	2551.82	1981.92	3037.36	403.00	698.02	3705.93	3329.49	4166.27	245.17	424.65
SMU_270_at	0.65	0.51	0.77	0.11	0.19	0.061272	845.14	741.87	902.11	124.40	215.47	1298.80	1166.88	1460.14	85.92	148.82

SMU_271_at	1.17	1.12	1.25	0.09	0.16	0.127274	4201.25	4024.06	4544.75	351.85	609.41	3607.00	3240.61	4055.04	238.63	413.31
SMU_272_at	1.12	0.83	1.42	0.16	0.28	0.471909	4121.33	3422.44	4677.28	425.68	737.30	3672.53	3299.49	4128.72	242.96	420.82
SMU_273_at	0.96	0.73	1.22	0.14	0.25	0.813497	5553.07	4693.56	6295.14	620.44	1074.64	5742.19	5158.92	6455.46	379.88	657.98
SMU_274_at	0.92	0.65	1.20	0.16	0.27	0.630907	4887.01	3847.89	5705.04	619.16	1072.41	5278.69	4742.50	5934.39	349.22	604.86
SMU_275_at	0.87	0.65	1.14	0.14	0.24	0.413909	3069.01	2570.05	3599.34	385.29	667.33	3525.64	3167.51	3963.58	233.24	403.99
SMU_276c_at	1.18	1.01	1.38	0.12	0.21	0.178886	43.57	32.77	56.12	5.86	10.14	36.21	32.53	40.71	2.40	4.15
SMU_277_at	0.88	0.81	0.92	0.09	0.16	0.285699	8821.25	7292.18	10136.42	1087.25	1883.17	10007.20	8990.71	11250.26	662.04	1146.69
SMU_278_x_at	0.75	0.72	0.78	0.09	0.16	0.077432	7467.25	6965.47	8049.85	936.29	1621.70	9932.49	8923.58	11166.27	657.10	1138.13
SMU_279_at	0.74	0.55	0.91	0.12	0.21	0.136678	630.84	412.29	745.64	108.32	187.62	828.91	744.71	931.88	54.84	94.98
SMU_28_at	1.53	1.35	1.93	0.16	0.27	0.013949	466.83	410.23	527.55	36.82	63.77	305.00	274.02	342.88	20.18	34.95
SMU_281_at	0.88	0.77	0.98	0.10	0.18	0.314312	2997.66	2756.55	3281.87	331.97	574.98	3427.73	3079.55	3853.50	226.77	392.77
SMU_283_at	0.83	0.79	0.89	0.09	0.16	0.168687	3897.61	970.24	1188.91	131.54	227.83	1334.59	1199.03	1500.37	88.29	152.93
SMU_284_at	0.82	0.70	0.89	0.10	0.18	0.179498	2350.99	2256.63	2517.42	270.12	467.87	2879.31	2586.84	3236.96	190.48	329.93
SMU_285_x_at	0.62	0.45	0.78	0.12	0.21	0.063753	1237.44	1013.13	1388.18	198.87	344.45	1984.60	1783.01	2231.12	131.29	227.41
SMU_286_at	1.03	0.93	1.10	0.10	0.17	0.759907	5282.88	5064.29	5399.47	476.97	826.14	5141.10	4618.89	5779.71	340.12	589.10
SMU_287_at	1.30	1.25	1.34	0.09	0.16	0.021757	3897.61	3360.90	4513.51	362.40	627.69	2995.27	2691.02	3367.33	198.16	343.22
SMU_289_at	1.18	0.99	1.42	0.13	0.22	0.203227	1882.35	1787.52	2044.45	157.65	273.06	1603.07	1440.24	1802.20	106.05	183.69
SMU_29_at	1.13	0.98	1.50	0.15	0.26	0.390767	2794.71	2365.92	3312.65	298.04	516.21	2454.35	2205.04	2759.21	162.37	281.23
SMU_290_at	1.23	0.97	1.49	0.15	0.25	0.153254	2860.29	2522.91	3114.27	246.42	426.80	2324.35	2088.25	2613.07	153.77	266.34
SMU_291_at	1.05	0.82	1.34	0.14	0.25	0.73206	5078.78	4458.49	5795.36	520.63	901.75	4828.81	4338.32	5428.63	319.46	553.32
SMU_292_at	1.23	1.09	1.53	0.13	0.23	0.124829	642.52	569.90	716.98	56.43	97.74	521.88	468.87	586.70	34.53	59.80
SMU_293_at	1.10	0.95	1.46	0.14	0.25	0.484607	227.93	194.90	268.70	24.26	42.01	205.44	184.57	230.96	13.59	23.54
SMU_294_at	1.30	0.92	1.62	0.19	0.33	0.141534	1658.47	1112.54	2061.78	230.03	398.43	1237.20	1111.53	1390.88	81.85	141.77
SMU_295_at	0.92	0.66	1.28	0.16	0.28	0.662804	780.32	531.73	946.05	117.04	202.73	823.85	740.17	926.19	54.50	94.40
SMU_296_at	1.46	1.08	1.99	0.21	0.37	0.05474	1150.45	809.38	1377.88	141.55	245.17	768.96	690.85	864.48	50.87	88.11
SMU_297_at	0.84	0.70	1.02	0.11	0.20	0.255508	9192.37	8607.95	10121.84	1061.72	1838.96	11015.02	9896.16	12383.27	728.71	1262.17
SMU_298_at	0.78	0.66	0.97	0.11	0.19	0.15226	6089.22	5657.78	6810.15	761.96	1319.75	7837.12	7041.06	8810.62	518.48	898.03
SMU_299c_at	0.91	0.73	1.17	0.13	0.22	0.535547	1545.00	1171.18	2158.94	265.57	459.98	1644.56	1477.51	1848.84	108.80	188.44
SMU_30_at	1.02	0.83	1.36	0.14	0.25	0.887795	5334.75	4761.76	6365.03	599.93	1039.11	5200.54	4672.29	5846.53	344.05	595.91
SMU_300_at	0.66	0.50	0.87	0.12	0.21	0.086771	3843.33	3219.07	4520.26	590.20	1022.26	5753.61	5169.18	6468.30	380.64	659.28
SMU_301_at	0.65	0.56	0.75	0.10	0.17	0.044512	2547.94	2489.44	2653.04	362.97	628.68	3943.87	3543.26	4433.76	260.91	451.91
SMU_302_at	0.74	0.54	1.00	0.14	0.24	0.174442	1541.74	1244.98	1842.26	224.02	388.02	2052.86	1844.34	2307.86	135.81	235.23
SMU_303_at	0.54	0.45	0.61	0.10	0.17	0.026198	4708.56	4383.39	5168.88	812.50	1407.29	8684.89	7802.71	9763.69	574.56	995.17
SMU_304_at	0.56	0.46	0.63	0.10	0.17	0.030421	3866.45	3543.14	4241.81	645.11	1117.36	6869.32	6171.56	7722.60	454.45	787.13
SMU_305_at	0.50	0.38	0.58	0.10	0.18	0.026817	1672.10	1437.28	1837.29	317.08	549.20	3335.92	2997.07	3750.30	220.69	382.25
SMU_307_at	0.94	0.84	1.05	0.10	0.17	0.618076	10512.22	10409.89	10587.48	1024.05	1773.71	11178.41	10042.94	12566.95	739.52	1280.89
SMU_308_at	0.76	0.63	0.95	0.11	0.20	0.132063	318.50	296.54	357.78	41.00	71.01	421.22	378.43	473.54	27.87	48.27
SMU_309_at	0.43	0.35	0.51	0.10	0.17	0.017328	376.50	349.29	405.26	82.09	142.18	887.89	797.70	998.18	58.74	101.74
SMU_31_at	0.98	0.89	1.03	0.10	0.17	0.819332	2934.44	2603.28	3435.55	328.24	568.53	2996.85	2692.44	3369.11	198.26	343.40
SMU_310_at	0.53	0.49	0.56	0.09	0.16	0.019253	385.12	320.13	434.54	70.73	122.50	726.73	652.91	817.00	48.08	83.27
SMU_311_at	0.66	0.59	0.71	0.09	0.16	0.04141	396.70	384.18	403.41	55.48	96.10	604.09	542.73	679.13	39.96	69.22
SMU_312_at	0.61	0.53	0.66	0.10	0.16	0.031352	908.11	859.09	967.23	139.42	241.49	1503.24	1350.55	1689.97	99.45	172.25
SMU_313_at	0.59	0.47	0.66	0.10	0.18	0.035639	563.29	511.85	623.60	90.86	157.37	960.03	862.51	1079.28	63.51	110.01
SMU_314_at	0.56	0.46	0.62	0.10	0.17	0.027887	416.87	390.64	440.22	69.30	120.04	748.79	672.73	841.80	49.54	85.80
SMU_317_at	0.84	0.64	1.05	0.13	0.23	0.328276	7719.15	6517.96	8624.73	945.42	1637.51	9125.63	8198.68	10259.18	603.72	1045.67
SMU_318_at	0.82	0.66	0.96	0.11	0.20	0.22069	5657.13	5115.28	5994.88	662.73	1147.88	6923.65	6220.37	7783.68	458.04	793.35
SMU_32_at	0.92	0.71	1.37	0.17	0.29	0.653624	4246.25	3538.10	5590.17	631.53	1093.84	4541.32	4080.02	5105.42	300.44	520.37
SMU_320_at	1.12	0.98	1.20	0.11	0.18	0.299989	3906.28	3774.72	4092.64	327.91	567.95	3504.54	3148.56	3939.86	231.85	401.57
SMU_321_at	1.10	0.84	1.33	0.14	0.25	0.499239	2907.22	2500.95	3151.16	281.60	487.75	2639.48	2371.37	2967.34	174.62	302.45
SMU_322c_at	0.66	0.52	0.74	0.11	0.19	0.059019	4150.00	3703.08	4594.39	606.68	1050.79	6321.81	5679.67	7107.09	418.23	724.39

SMU_323c_at	0.65	0.47	0.79	0.12	0.21	0.081768	5055.04	4071.72	5627.38	785.50	1360.53	7685.67	6904.99	8640.36	508.46	880.67
SMU_325_at	1.14	0.90	1.46	0.15	0.26	0.376335	3217.81	2841.07	3711.60	316.32	547.88	2822.48	2535.78	3173.08	186.73	323.42
SMU_326_at	1.15	0.93	1.41	0.14	0.24	0.30743	3688.88	3374.97	4089.41	330.30	572.09	3219.85	2892.79	3619.81	213.01	368.95
SMU_327_at	1.11	0.83	1.47	0.16	0.28	0.495445	5645.43	4710.73	6647.34	608.03	1053.14	5039.72	4527.80	5665.73	333.41	577.48
SMU_328_at	1.22	1.00	1.41	0.13	0.22	0.134872	7982.10	7417.62	8356.57	636.21	1101.96	6585.90	5916.93	7403.98	435.70	754.65
SMU_329_at	1.30	1.03	1.60	0.15	0.27	0.084035	7985.38	7060.97	8797.32	664.29	1150.58	6121.59	5499.78	6881.99	404.98	701.45
SMU_33_at	0.97	0.89	1.08	0.10	0.17	0.775308	3723.35	3344.83	4105.02	384.57	666.09	3843.57	3453.15	4321.00	254.28	440.42
SMU_330_at	1.13	0.86	1.41	0.15	0.26	0.403321	3928.94	3345.54	4376.32	383.76	664.68	3466.01	3113.95	3896.55	229.30	397.16
SMU_331_at	1.10	0.95	1.23	0.11	0.19	0.400027	6719.65	6573.67	6811.71	565.20	978.96	6147.43	5522.99	6911.04	406.69	704.41
SMU_332_at	1.05	0.99	1.08	0.09	0.16	0.641773	4750.67	4408.00	5092.44	439.92	761.96	4556.56	4093.72	5122.56	301.45	522.12
SMU_333_at	0.81	0.71	0.87	0.10	0.17	0.150596	4104.89	3989.75	4249.71	470.48	814.89	5105.05	4586.49	5739.18	337.73	584.97
SMU_334_at	0.98	0.91	1.11	0.10	0.18	0.871391	2780.25	2598.39	2902.09	268.03	464.24	2838.87	2550.51	3191.51	187.81	325.30
SMU_335_at	1.13	0.99	1.39	0.12	0.22	0.316059	2302.21	2092.17	2540.28	207.68	359.70	2033.71	1827.13	2286.33	134.54	233.03
SMU_336_at	0.80	0.60	1.01	0.13	0.23	0.230573	3348.24	2175.17	4002.58	558.01	966.51	4066.64	3653.57	4571.79	269.03	465.98
SMU_337_at	0.83	0.72	0.97	0.11	0.18	0.221201	3772.55	3363.38	4293.26	456.59	790.84	4515.57	4056.90	5076.48	298.73	517.42
SMU_338_at	0.92	0.84	1.02	0.10	0.17	0.497376	6605.77	5972.94	7118.31	697.19	1207.57	7159.52	6432.28	8048.84	473.65	820.38
SMU_339_at	0.86	0.75	1.01	0.11	0.19	0.29479	3242.36	2501.88	3686.93	430.60	745.81	3719.54	3341.73	4181.57	246.07	426.21
SMU_34_at	0.94	0.75	1.33	0.15	0.27	0.704687	4607.04	3916.08	5803.49	615.20	1065.56	4861.81	4367.96	5465.72	321.64	557.10
SMU_340_at	0.83	0.78	0.92	0.10	0.17	0.173473	3387.24	3164.01	3589.95	386.66	669.71	4114.60	3696.65	4625.70	272.21	471.48
SMU_341_at	0.91	0.76	1.06	0.11	0.19	0.489474	4715.41	4454.97	4962.23	486.13	842.00	5187.96	4660.98	5832.39	343.22	594.47
SMU_342_at	0.98	0.75	1.24	0.14	0.24	0.905746	2985.00	2566.72	3385.05	324.02	561.22	3031.98	2724.00	3408.60	200.58	347.42
SMU_343_at	1.33	1.06	1.50	0.14	0.25	0.055507	2261.98	2030.82	2497.53	182.81	316.63	1704.14	1531.04	1915.82	112.74	195.27
SMU_344_at	1.30	0.95	1.64	0.18	0.31	0.124221	2235.49	1837.48	2522.16	213.62	370.00	1711.51	1537.66	1924.11	113.23	196.12
SMU_345c_at	0.64	0.57	0.74	0.10	0.17	0.041881	608.27	584.31	634.27	87.62	151.75	950.49	853.94	1068.55	62.88	108.91
SMU_346_at	1.93	1.50	2.49	0.22	0.38	0.004362	1546.08	1349.17	1780.76	115.20	199.53	797.60	716.59	896.68	52.77	91.39
SMU_348_at	1.63	1.30	2.08	0.19	0.32	0.011989	7256.48	6468.28	8295.50	558.43	967.24	4435.30	3984.78	4986.24	293.42	508.22
SMU_349_at	1.33	1.01	1.77	0.18	0.31	0.097502	8674.47	7365.34	10266.39	843.25	1460.55	6465.99	5809.20	7269.18	427.77	740.91
SMU_35_at	0.97	0.76	1.42	0.17	0.29	0.863095	5430.11	4542.68	7032.28	759.43	1315.36	5511.76	4951.89	6196.40	364.64	631.57
SMU_350_at	1.53	0.94	2.53	0.34	0.59	0.117683	4025.63	2652.34	5719.98	676.72	1172.12	2513.98	2258.62	2826.26	166.32	288.07
SMU_351_at	0.75	0.64	0.85	0.10	0.18	0.098784	4037.38	3740.36	4473.54	516.98	895.44	5378.56	4832.22	6046.66	355.83	616.31
SMU_352_at	0.84	0.69	0.93	0.11	0.19	0.247764	6489.07	6027.70	7013.68	736.53	1275.70	7735.20	6949.48	8696.03	511.73	886.35
SMU_353_at	0.88	0.73	0.99	0.11	0.19	0.365242	6005.86	5588.41	6595.27	660.80	1144.54	6827.85	6134.30	7675.98	451.71	782.38
SMU_354_at	0.83	0.70	0.91	0.11	0.18	0.22049	7900.54	7511.14	8453.92	891.89	1544.79	9491.67	8527.54	10670.69	627.93	1087.61
SMU_355_at	0.85	0.73	0.96	0.10	0.18	0.24981	3600.70	3498.28	3659.09	390.89	677.05	4251.34	3819.50	4779.42	281.25	487.14
SMU_356_at	0.82	0.68	0.94	0.11	0.19	0.191612	3014.79	2811.95	3389.09	363.34	629.32	3695.54	3320.16	4154.59	244.48	423.46
SMU_357_at	1.04	0.96	1.11	0.10	0.17	0.716499	9330.52	9049.26	9725.71	839.48	1454.02	9034.18	8116.52	10156.37	597.67	1035.19
SMU_358_at	1.04	0.93	1.16	0.10	0.18	0.687381	12098.38	11942.99	12183.45	1067.42	1848.82	11644.12	10461.35	13090.51	770.33	1334.25
SMU_359_at	1.07	0.92	1.23	0.11	0.19	0.525129	13993.52	13567.37	14393.93	1209.12	2094.26	13077.86	11749.45	14702.34	865.18	1498.54
SMU_36_at	0.88	0.75	1.12	0.12	0.21	0.398147	4439.53	3669.63	5035.75	541.30	937.55	5023.12	4512.89	5647.07	332.31	575.58
SMU_360_at	0.94	0.77	1.08	0.11	0.20	0.616444	12585.37	11659.90	13072.83	1276.82	2211.51	13480.74	12111.41	15155.26	891.84	1544.71
SMU_361_at	0.86	0.73	0.97	0.11	0.18	0.288773	10193.79	9586.42	11250.27	1147.11	1986.85	11841.96	10639.09	13312.92	783.42	1356.92
SMU_362_at	1.50	1.29	1.93	0.17	0.29	0.02055	1221.21	926.15	1512.03	140.30	243.01	801.25	719.86	900.78	53.01	91.81
SMU_363_at	0.67	0.57	0.73	0.10	0.17	0.049866	9550.43	9211.91	10077.72	1327.67	2299.59	14354.82	12896.71	16137.92	949.66	1644.86
SMU_364_at	0.71	0.59	0.82	0.10	0.18	0.076801	10905.87	10247.50	11382.91	1431.94	2480.19	15419.22	13852.98	17334.53	1020.08	1766.83
SMU_365_at	0.94	0.72	1.16	0.13	0.23	0.673197	5900.79	5056.64	6535.82	653.81	1132.44	6282.89	5644.70	7063.33	415.65	719.93
SMU_366_at	1.06	0.81	1.30	0.14	0.25	0.66447	8406.88	7230.11	9239.57	839.89	1454.74	7894.81	7092.88	8875.47	522.29	904.64
SMU_367_at	0.90	0.67	1.16	0.14	0.25	0.526806	3185.15	2642.63	3673.75	386.06	668.68	3529.04	3170.57	3967.40	233.47	404.38
SMU_368c_at	0.78	0.59	0.89	0.12	0.21	0.177412	7174.51	6083.28	8040.81	937.41	1623.65	9221.92	8285.19	10367.43	610.09	1056.70
SMU_369c_at	0.85	0.77	0.99	0.10	0.18	0.25106	3413.11	2922.69	3843.57	411.38	712.53	3990.30	3584.98	4485.96	263.98	457.23
SMU_37_at	0.85	0.66	1.32	0.17	0.29	0.450402	4925.59	3880.23	6713.80	818.69	1418.01	5641.32	5068.30	6342.07	373.21	646.42

SMU_370_at	0.63	0.49	0.79	0.11	0.20	0.059498	504.41	436.68	562.78	77.27	133.84	795.02	714.26	893.77	52.60	91.10
SMU_371_at	0.63	0.48	0.78	0.11	0.20	0.061426	613.83	524.85	680.89	94.27	163.28	965.45	867.38	1085.37	63.87	110.63
SMU_372_at	0.69	0.65	0.75	0.09	0.16	0.050686	610.15	508.10	682.11	88.30	152.93	875.32	786.40	984.04	57.91	100.30
SMU_373_at	0.86	0.83	0.89	0.09	0.16	0.220775	1123.33	1009.40	1217.82	127.54	220.90	1311.17	1177.99	1474.04	86.74	150.24
SMU_374_at	0.72	0.68	0.78	0.09	0.16	0.062509	568.55	550.44	599.57	73.13	126.66	789.67	709.45	887.76	52.24	90.48
SMU_375_at	0.70	0.57	0.81	0.11	0.18	0.072566	492.97	456.35	513.00	66.14	114.57	708.48	636.52	796.49	46.87	81.18
SMU_376_at	0.87	0.73	1.06	0.12	0.20	0.345282	1072.86	1011.41	1181.92	119.63	207.20	1236.57	1110.97	1390.17	81.81	141.69
SMU_378_at	1.03	0.78	1.39	0.16	0.27	0.832669	929.43	600.18	1339.10	172.29	298.41	854.87	768.03	961.06	56.55	97.96
SMU_379_at	1.12	1.04	1.17	0.10	0.17	0.265754	1338.66	1214.23	1542.18	131.45	227.69	1197.43	1075.80	1346.17	79.22	137.21
SMU_381c_at	0.81	0.68	0.95	0.11	0.19	0.179254	9503.87	9054.03	10074.88	1101.54	1907.93	11805.84	10606.64	13272.31	781.03	1352.79
SMU_382c_at	0.45	0.39	0.52	0.09	0.16	0.017174	415.47	345.51	475.90	87.61	151.74	910.98	818.45	1024.14	60.27	104.39
SMU_383c_at	0.34	0.28	0.39	0.09	0.16	0.013305	304.68	249.26	354.14	84.78	146.85	895.77	804.78	1007.03	59.26	102.64
SMU_384_at	0.67	0.63	0.73	0.09	0.16	0.042355	2363.73	1991.26	2571.13	349.48	605.32	3534.81	3175.75	3973.89	233.85	405.04
SMU_385_at	0.81	0.61	1.00	0.13	0.22	0.253582	3226.65	2726.15	3535.81	403.51	698.90	3952.46	3550.98	4443.42	261.48	452.90
SMU_386_at	0.91	0.72	1.07	0.12	0.21	0.51362	2947.05	2629.31	3125.33	317.56	550.03	3243.33	2913.89	3646.21	214.57	371.64
SMU_387_at	1.00	0.75	1.23	0.14	0.25	0.977737	5195.03	4370.57	5770.99	562.42	974.15	5203.00	4674.50	5849.30	344.21	596.19
SMU_388_at	0.99	0.83	1.14	0.11	0.20	0.935045	7337.67	6920.63	7625.64	697.32	1207.79	7436.26	6680.91	8359.96	491.96	852.09
SMU_389_at	1.04	0.95	1.11	0.10	0.17	0.665875	3080.94	2874.62	3215.05	280.84	486.42	2959.12	2658.54	3326.69	195.76	339.07
SMU_38c_at	0.50	0.38	0.62	0.11	0.19	0.029953	289.26	242.62	321.26	55.22	95.64	574.31	515.98	645.65	37.99	65.81
SMU_39_at	0.52	0.38	0.71	0.12	0.20	0.039625	219.07	178.59	265.32	42.10	72.93	416.65	374.33	468.40	27.56	47.74
SMU_390_s_at	1.11	0.79	1.44	0.17	0.29	0.541729	4049.17	3241.57	4703.71	450.17	779.72	3633.48	3264.41	4084.82	240.38	416.35
SMU_391c_at	1.13	1.03	1.27	0.10	0.18	0.265446	5651.88	5387.36	5840.06	471.31	816.34	5039.72	4527.80	5665.73	333.41	577.48
SMU_392c_at	0.85	0.63	1.11	0.14	0.24	0.375413	2595.09	2138.46	3010.98	329.90	571.40	3029.21	2721.52	3405.49	200.40	347.11
SMU_393_at	0.40	0.37	0.42	0.09	0.15	0.01315	1674.79	1499.55	1953.74	392.94	680.60	4151.73	3730.01	4667.44	274.66	475.73
SMU_394c_at	0.60	0.56	0.68	0.09	0.16	0.029577	1345.92	1245.61	1415.80	209.62	363.07	2255.00	2025.95	2535.11	149.18	258.39
SMU_395c_at	0.68	0.52	0.82	0.12	0.20	0.082507	1643.04	1404.03	1783.79	236.85	410.23	2415.00	2169.69	2714.98	159.77	276.72
SMU_396_at	0.74	0.69	0.82	0.10	0.17	0.075311	5878.68	5065.71	6411.77	786.10	1361.57	7972.23	7162.44	8962.51	527.41	913.51
SMU_399_at	0.76	0.63	0.87	0.11	0.18	0.115972	4569.60	4266.07	5119.32	584.83	1012.95	6023.77	5411.90	6772.02	398.51	690.24
SMU_40_at	1.24	0.52	4.64	0.73	1.27	0.677508	98.13	29.43	228.64	46.40	80.36	50.47	45.34	56.74	3.34	5.78
SMU_400_at	0.73	0.57	0.83	0.11	0.20	0.103397	5016.37	4421.41	5575.48	675.52	1170.03	6914.19	6211.87	7773.04	457.42	792.27
SMU_401c_at	1.23	1.00	1.62	0.16	0.27	0.169523	828.92	751.30	972.95	79.71	138.06	669.34	601.35	752.48	44.28	76.70
SMU_402c_at	0.98	0.75	1.20	0.13	0.23	0.87053	14376.01	12463.28	15885.33	1523.63	2639.00	14708.50	13214.46	16535.53	973.06	1685.39
SMU_403_at	1.22	0.99	1.48	0.14	0.24	0.154848	5626.06	5133.72	6143.77	471.30	816.32	4628.37	4158.23	5203.29	306.20	530.35
SMU_404c_at	0.71	0.67	0.79	0.09	0.16	0.057979	934.37	872.71	993.53	123.99	214.75	1327.24	1192.42	1492.10	87.81	152.08
SMU_405c_at	0.77	0.63	0.90	0.11	0.19	0.134535	400.00	318.07	467.91	56.37	97.64	514.42	462.17	578.32	34.03	58.95
SMU_406c_at	0.66	0.53	0.86	0.12	0.20	0.070684	1870.05	1692.70	2190.00	283.46	490.97	2838.03	2549.75	3190.55	187.75	325.20
SMU_407_at	0.79	0.66	0.87	0.11	0.18	0.145295	1757.14	1648.75	1865.03	209.66	363.15	2238.84	2011.43	2516.94	148.11	256.54
SMU_408_at	0.96	0.77	1.15	0.12	0.21	0.736247	5336.11	4868.05	5796.16	546.17	946.00	5595.47	5027.10	6290.52	370.18	641.16
SMU_409_at	0.71	0.63	0.77	0.10	0.17	0.06381	4500.64	4286.33	4749.90	589.14	1020.42	6350.27	5705.24	7139.08	420.11	727.65
SMU_41_at	1.13	0.62	2.91	0.44	0.77	0.750274	33.96	16.54	68.06	12.26	21.24	23.92	21.49	26.89	1.58	2.74
SMU_410_at	0.78	0.65	0.88	0.10	0.18	0.130965	5554.77	5263.43	5708.63	664.78	1151.43	7173.73	6445.04	8064.82	474.59	822.01
SMU_411c_at	0.46	0.35	0.69	0.12	0.20	0.034277	2285.33	1474.12	3170.90	555.34	961.87	4733.01	4252.25	5320.93	313.12	542.34
SMU_412c_at	0.47	0.34	0.70	0.12	0.21	0.038054	1643.68	1282.91	2337.00	396.26	686.34	3400.29	3054.90	3822.66	224.95	389.63
SMU_413_at	1.14	0.97	1.32	0.12	0.20	0.276704	4917.52	4736.42	5159.18	407.02	704.98	4338.61	3897.91	4877.54	287.03	497.15
SMU_414_at	1.06	0.86	1.23	0.12	0.21	0.636214	4943.85	4539.49	5175.79	451.32	781.71	4674.08	4199.31	5254.68	309.22	535.59
SMU_415_at	1.07	0.95	1.18	0.10	0.18	0.513425	6623.83	6591.33	6665.77	568.57	984.79	6208.24	5577.63	6979.41	410.71	711.38
SMU_416_at	1.07	1.03	1.11	0.09	0.16	0.481652	5185.82	4867.71	5633.90	474.12	821.20	4863.18	4369.19	5467.26	321.73	557.25
SMU_417_at	1.24	1.21	1.29	0.09	0.16	0.04552	3149.82	2946.74	3492.95	263.23	455.93	2547.91	2289.10	2864.40	168.56	291.96
SMU_418_at	1.21	1.04	1.47	0.13	0.22	0.137451	5692.72	5348.73	6222.01	470.20	814.41	4698.50	4221.24	5282.13	310.84	538.38
SMU_419_at	1.32	1.13	1.59	0.13	0.23	0.048421	2970.06	2237.27	3932.47	408.37	707.31	2196.46	1973.35	2469.30	145.31	251.68

SMU_42_at	0.94	0.77	1.14	0.12	0.21	0.658072	248.48	198.11	279.68	29.98	51.92	261.97	235.36	294.51	17.33	30.02
SMU_420_at	1.34	1.27	1.46	0.10	0.17	0.016705	4163.69	3513.10	5062.86	432.68	749.42	3078.19	2765.52	3460.55	203.64	352.72
SMU_421_at	1.08	0.94	1.23	0.11	0.19	0.481279	7675.35	7548.53	7895.65	657.20	1138.31	7127.80	6403.78	8013.18	471.55	816.75
SMU_422_at	1.24	1.21	1.28	0.09	0.16	0.04201	4003.77	3581.45	4623.02	369.82	640.54	3216.58	2889.85	3616.13	212.80	368.57
SMU_423_at	0.89	0.74	0.99	0.11	0.19	0.412385	279.48	259.72	304.12	30.14	52.20	313.38	281.55	352.31	20.73	35.91
SMU_424_at	0.57	0.48	0.68	0.10	0.17	0.03009	3914.87	3203.85	5178.87	764.74	1324.57	6769.51	6081.89	7610.39	447.85	775.69
SMU_426_at	0.55	0.54	0.56	0.09	0.16	0.020238	7721.69	7058.12	8563.82	1318.76	2284.17	13991.46	12570.26	15729.43	925.62	1603.23
SMU_427_at	0.49	0.47	0.53	0.09	0.16	0.016475	1184.53	1022.94	1421.75	236.04	408.83	2402.40	2158.37	2700.82	158.93	275.28
SMU_428_at	0.53	0.43	0.69	0.11	0.19	0.031685	1766.68	1596.36	2076.77	324.62	562.26	3336.86	2997.91	3751.35	220.75	382.36
SMU_429c_at	0.69	0.47	0.86	0.14	0.24	0.126903	405.74	306.31	459.45	63.91	110.70	582.71	523.52	655.09	38.55	66.77
SMU_43_at	0.97	0.91	1.05	0.10	0.16	0.781804	2497.46	2413.64	2649.64	242.19	419.48	2579.13	2317.15	2899.50	170.63	295.53
SMU_431_at	0.98	0.87	1.08	0.10	0.17	0.825458	450.24	446.73	455.56	42.45	73.52	463.18	416.13	520.71	30.64	53.07
SMU_432_at	0.85	0.67	1.00	0.12	0.21	0.320529	420.77	369.95	449.16	48.61	84.19	493.11	443.02	554.36	32.62	56.50
SMU_433_at	0.80	0.68	0.91	0.10	0.18	0.152101	3850.78	3729.17	3955.24	445.84	772.21	4843.33	4351.36	5444.95	320.42	554.98
SMU_434_at	0.87	0.81	0.94	0.09	0.16	0.271548	3149.50	3050.28	3292.94	335.97	581.92	3625.78	3257.48	4076.16	239.87	415.46
SMU_435_at	1.56	1.12	2.08	0.22	0.39	0.034476	3202.55	2187.35	3729.09	403.01	698.04	2000.19	1797.02	2248.65	132.33	229.19
SMU_437c_s_at	3.54	2.87	4.16	0.29	0.51	1.03E-04	1609.43	1471.32	1704.98	65.13	112.81	455.71	409.42	512.32	30.15	52.22
SMU_438c_at	0.44	0.41	0.47	0.09	0.16	0.01426	582.29	481.51	691.39	127.99	221.69	1317.03	1183.25	1480.62	87.13	150.91
SMU_439_at	0.66	0.59	0.74	0.10	0.17	0.043863	733.15	638.08	823.33	108.53	187.98	1111.02	998.17	1249.03	73.50	127.31
SMU_44_at	0.96	0.94	0.99	0.09	0.16	0.681195	2193.61	1938.21	2435.04	232.70	403.04	2287.05	2054.74	2571.14	151.30	262.06
SMU_440_at	0.90	0.82	1.08	0.11	0.19	0.443711	2487.39	2050.38	2894.31	304.26	527.00	2737.07	2459.05	3077.06	181.07	313.63
SMU_441_at	0.94	0.72	1.13	0.13	0.23	0.665746	2634.26	2255.29	3100.75	310.45	537.71	2798.46	2514.20	3146.08	185.14	320.67
SMU_442_at	0.87	0.66	1.03	0.13	0.22	0.396081	2759.16	2349.41	3166.18	333.57	577.77	3155.91	2835.34	3547.93	208.78	361.62
SMU_444_at	0.28	0.23	0.32	0.09	0.15	0.012925	129.00	119.08	143.08	42.11	72.93	456.49	410.12	513.19	30.20	52.31
SMU_445_at	0.69	0.61	0.78	0.10	0.17	0.056902	2547.85	2532.89	2572.08	337.99	585.41	3690.68	3315.79	4149.12	244.16	422.90
SMU_446_at	0.90	0.78	1.07	0.11	0.19	0.415855	4281.11	4052.34	4586.97	452.67	784.04	4789.49	4302.99	5384.42	316.86	548.81
SMU_447_at	0.98	0.86	1.13	0.11	0.19	0.858596	3765.53	2927.51	4804.23	521.11	902.59	3780.29	3396.30	4249.86	250.09	433.17
SMU_448_at	0.68	0.60	0.73	0.10	0.17	0.049098	2635.99	2074.15	3083.70	410.39	710.81	3851.46	3460.24	4329.87	254.80	441.32
SMU_449_at	0.83	0.75	0.92	0.10	0.17	0.181151	3106.35	3057.52	3166.68	345.39	598.23	3764.59	3382.20	4232.21	249.05	431.37
SMU_45_at	1.13	1.02	1.26	0.10	0.18	0.262028	4447.66	4300.34	4554.49	366.80	635.32	3963.29	3560.71	4455.59	262.20	454.14
SMU_450_at	0.76	0.65	0.88	0.10	0.18	0.109164	5637.38	5429.87	5900.43	690.46	1195.92	7465.67	6707.33	8393.02	493.90	855.46
SMU_451_at	2.12	2.00	2.29	0.11	0.19	1.29E-04	725.22	610.74	875.07	63.51	110.01	339.51	305.02	381.68	22.46	38.90
SMU_453_at	1.21	1.02	1.40	0.12	0.21	0.124911	5409.44	5129.12	5635.68	422.55	731.88	4470.39	4016.31	5025.69	295.74	512.25
SMU_454_at	1.20	1.09	1.27	0.10	0.17	0.096666	4968.66	4744.33	5100.49	389.82	675.19	4168.09	3744.71	4685.83	275.75	477.61
SMU_455_at	1.19	1.02	1.37	0.12	0.20	0.154373	8616.47	8363.32	8945.38	678.45	1175.11	7290.48	6549.94	8196.08	482.31	835.39
SMU_456_at	1.19	1.02	1.38	0.12	0.20	0.147935	7204.77	6991.43	7509.29	566.68	981.52	6071.09	5454.41	6825.22	401.64	695.66
SMU_457_at	2.01	1.80	2.22	0.13	0.22	3.72E-04	911.37	898.38	924.64	42.13	72.97	456.40	410.04	513.10	30.19	52.30
SMU_458_at	1.52	1.20	1.96	0.18	0.31	0.024537	8123.71	7221.37	9435.70	681.74	1180.81	5345.53	4802.55	6009.53	353.64	612.52
SMU_459_at	0.47	0.37	0.56	0.10	0.18	0.023016	3245.08	2827.45	3466.99	647.48	1121.47	6885.98	6186.53	7741.33	455.55	789.04
SMU_46_at	0.69	0.66	0.72	0.09	0.16	0.047369	1619.19	1383.19	1885.17	236.73	410.02	2328.15	2091.66	2617.34	154.02	266.77
SMU_460_at	0.43	0.32	0.55	0.11	0.18	0.024066	2949.02	2401.98	3310.91	648.53	1123.29	6750.18	6064.52	7588.66	446.57	773.48
SMU_461_at	0.55	0.45	0.63	0.10	0.17	0.028814	5572.44	5112.23	5922.84	940.14	1628.38	10100.18	9074.24	11354.78	668.19	1157.34
SMU_462_at	0.88	0.67	1.04	0.13	0.22	0.421574	1493.99	989.53	1920.94	244.07	422.74	1644.70	1477.64	1849.00	108.81	188.46
SMU_463_at	1.15	0.94	1.36	0.13	0.22	0.289439	13298.13	12272.51	14242.69	1139.17	1973.10	11638.00	10455.85	13083.63	769.93	1333.55
SMU_464_at	1.22	1.03	1.47	0.13	0.22	0.126161	8976.35	8509.89	9693.33	721.11	1249.00	7358.36	6610.92	8272.39	486.80	843.17
SMU_465_at	1.10	0.92	1.30	0.12	0.21	0.410517	11986.06	11313.00	12670.12	1034.53	1791.86	10887.61	9781.68	12240.02	720.28	1247.57
SMU_466_at	1.25	1.00	1.58	0.15	0.26	0.131794	8948.56	7980.35	10111.73	787.41	1363.84	7129.31	6405.14	8014.89	471.65	816.92
SMU_467c_at	0.82	0.66	0.95	0.11	0.20	0.219261	10015.98	9067.86	10513.61	1170.39	2027.18	12248.39	11004.24	13769.84	810.31	1403.50
SMU_469c_at	0.79	0.64	0.91	0.11	0.19	0.161014	5091.16	4619.05	5764.11	640.71	1109.74	6469.97	5812.77	7273.64	428.03	741.37
SMU_47_at	0.55	0.52	0.60	0.09	0.16	0.021859	1293.85	1249.51	1365.54	215.80	373.78	2340.60	2102.85	2631.34	154.85	268.20

SMU_470_at	1.20	1.09	1.30	0.10	0.17	0.096579	863.31	843.31	887.63	66.85	115.78	723.24	649.78	813.08	47.85	82.87
SMU_471_at	0.70	0.63	0.75	0.09	0.16	0.056477	6228.12	5842.94	6527.34	826.87	1432.19	8896.06	7992.43	10001.09	588.53	1019.37
SMU_472_at	0.99	0.85	1.10	0.11	0.19	0.951208	6115.81	5905.61	6355.76	573.50	993.34	6182.49	5554.49	6950.45	409.01	708.43
SMU_473_at	0.86	0.69	1.01	0.12	0.20	0.3189	6439.49	5803.80	6845.86	725.12	1255.95	7520.24	6756.36	8454.37	497.51	861.72
SMU_474c_at	0.52	0.43	0.59	0.10	0.17	0.023047	2692.07	2525.30	2997.91	487.98	845.21	5197.44	4669.50	5843.04	343.84	595.55
SMU_475_at	0.67	0.53	0.78	0.11	0.19	0.066904	5606.28	4981.43	5956.51	797.87	1381.95	8372.84	7522.35	9412.88	553.92	959.41
SMU_478_at	0.94	0.86	1.00	0.10	0.17	0.587121	11823.59	11307.26	12191.79	1168.53	2023.96	12597.85	11318.20	14162.70	833.43	1443.54
SMU_479_at	0.96	0.87	1.02	0.10	0.17	0.736996	7764.62	7332.85	8048.29	755.69	1308.89	8078.69	7258.09	9082.20	534.46	925.71
SMU_48_at	0.80	0.62	1.03	0.13	0.22	0.224895	5180.16	4484.23	6015.11	671.61	1163.26	6471.44	5814.09	7275.29	428.13	741.54
SMU_480_at	1.26	1.01	1.56	0.15	0.26	0.116781	7357.14	6602.69	8187.18	625.13	1082.76	5836.17	5243.35	6561.12	386.10	668.74
SMU_481_at	1.42	1.16	1.74	0.15	0.26	0.029891	6553.95	6033.09	7237.99	493.37	854.54	4629.10	4158.89	5204.11	306.24	530.43
SMU_482_at	1.29	1.00	1.66	0.17	0.29	0.114887	6106.33	5291.12	7034.87	561.19	972.01	4718.99	4239.65	5305.17	312.19	540.73
SMU_483_at	0.85	0.77	0.94	0.10	0.17	0.23221	9847.64	9690.97	9997.39	1065.15	1844.90	11614.76	10434.98	13057.50	768.39	1330.89
SMU_484_at	0.84	0.67	1.01	0.12	0.20	0.276717	8459.21	7605.72	9174.95	978.54	1694.87	10085.84	9061.35	11338.66	667.24	1155.70
SMU_485_at	0.53	0.46	0.63	0.10	0.17	0.02404	2288.40	1995.29	2653.55	418.25	724.43	4317.50	3878.94	4853.80	285.63	494.73
SMU_486_at	0.72	0.63	0.82	0.10	0.17	0.073108	3220.77	2932.40	3571.66	430.87	746.29	4478.94	4023.99	5035.30	296.31	513.23
SMU_487_at	1.00	0.92	1.06	0.10	0.17	0.97668	2939.28	2742.46	3046.97	278.01	481.53	2939.81	2641.20	3304.98	194.49	336.86
SMU_488_at	0.99	0.90	1.05	0.10	0.17	0.895022	5272.75	5073.35	5418.83	496.70	860.31	5366.68	4821.55	6033.30	355.04	614.95
SMU_489_at	0.90	0.84	1.00	0.10	0.17	0.378278	2038.98	1692.55	2529.51	272.08	471.25	2245.05	2017.01	2523.93	148.52	257.25
SMU_49_at	0.91	0.82	1.03	0.10	0.17	0.435256	5834.96	5620.37	5943.14	594.66	1029.99	6442.54	5788.13	7242.81	426.22	738.23
SMU_490c_at	0.34	0.29	0.43	0.10	0.16	0.015196	712.12	571.91	889.72	202.78	351.23	2093.68	1881.01	2353.75	138.51	239.91
SMU_491_at	0.80	0.73	0.89	0.10	0.17	0.140806	1533.09	1366.93	1665.94	185.56	321.39	1909.74	1715.76	2146.96	126.34	218.83
SMU_493_at	0.79	0.68	0.90	0.10	0.18	0.134753	2234.69	2020.98	2504.16	278.93	483.13	2841.86	2553.20	3194.87	188.01	325.64
SMU_494_at	0.78	0.63	0.92	0.11	0.19	0.153913	1904.64	1724.57	2202.60	247.34	428.41	2440.51	2192.62	2743.67	161.46	279.65
SMU_495_at	1.20	1.05	1.42	0.12	0.21	0.140428	2165.21	1861.53	2499.46	210.38	364.39	1801.02	1618.08	2024.74	119.15	206.37
SMU_496c_at	0.19	0.18	0.21	0.08	0.14	0.012179	1934.74	1725.42	2078.09	912.70	1580.84	9935.29	8926.09	11169.41	657.28	1138.45
SMU_497c_at	0.37	0.30	0.46	0.10	0.17	0.015864	974.66	884.61	1082.27	245.63	425.45	2645.78	2377.03	2974.43	175.04	303.17
SMU_498_at	0.60	0.40	0.81	0.13	0.23	0.074555	40.18	30.13	48.28	7.16	12.40	66.32	59.58	74.55	4.39	7.60
SMU_499_at	0.54	0.45	0.65	0.10	0.17	0.028231	68.80	64.08	74.23	11.79	20.42	126.62	113.76	142.35	8.38	14.51
SMU_50_at	0.87	0.71	1.09	0.12	0.21	0.367306	5697.17	5257.98	6406.82	650.83	1127.28	6548.90	5883.68	7362.38	433.25	750.41
SMU_500_at	0.99	0.92	1.13	0.10	0.18	0.953404	4301.65	3908.11	4611.59	423.27	733.12	4337.24	3896.68	4876.00	286.94	496.99
SMU_501_at	0.74	0.60	0.88	0.11	0.19	0.10385	2150.45	1968.02	2501.22	294.54	510.15	2918.02	2621.62	3280.49	193.05	334.36
SMU_502_at	0.84	0.77	0.95	0.10	0.17	0.215555	4594.61	3983.17	5076.03	548.07	949.28	5445.22	4892.12	6121.61	360.24	623.95
SMU_503c_at	0.26	0.24	0.27	0.09	0.15	0.01157	1011.74	911.85	1196.68	365.47	633.02	3927.57	3528.62	4415.44	259.83	450.04
SMU_504_at	0.90	0.83	0.95	0.09	0.16	0.376465	1923.68	1583.53	2260.32	238.24	412.64	2120.07	1904.72	2383.42	140.26	242.93
SMU_505_at	1.03	0.98	1.14	0.10	0.17	0.767579	3577.90	3031.39	4409.00	434.11	751.90	3441.28	3091.73	3868.75	227.66	394.32
SMU_506_at	1.15	1.09	1.25	0.10	0.17	0.181515	1902.01	1609.59	2310.29	211.80	366.85	1646.64	1479.38	1851.18	108.94	188.68
SMU_507_at	0.98	0.86	1.14	0.11	0.19	0.851805	1464.59	1406.10	1543.15	140.55	243.44	1502.56	1349.93	1689.20	99.40	172.17
SMU_508_at	0.96	0.85	1.21	0.12	0.21	0.788444	647.21	570.79	730.89	69.58	120.51	670.37	602.28	753.64	44.35	76.82
SMU_509_at	0.75	0.61	0.92	0.11	0.20	0.128371	870.47	791.29	953.46	110.89	192.07	1155.99	1038.57	1299.58	76.48	132.46
SMU_51_at	0.98	0.82	1.21	0.12	0.21	0.86088	11130.71	10434.02	12418.08	1139.11	1973.00	11403.89	10245.53	12820.44	754.44	1306.73
SMU_510c_at	0.52	0.49	0.56	0.09	0.16	0.018507	4117.07	3582.21	5003.86	790.88	1369.85	7920.64	7116.09	8904.51	524.00	907.60
SMU_512c_at	0.82	0.74	1.00	0.11	0.19	0.20948	323.21	289.60	353.44	38.30	66.34	393.16	353.22	442.00	26.01	45.05
SMU_513_at	0.65	0.57	0.75	0.10	0.17	0.043297	1125.41	882.26	1255.29	179.61	311.10	1722.21	1547.27	1936.13	113.93	197.34
SMU_514_at	0.71	0.67	0.75	0.09	0.16	0.056223	641.47	611.94	684.35	84.12	145.69	903.03	811.30	1015.20	59.74	103.47
SMU_515_at	0.58	0.45	0.67	0.11	0.18	0.037598	591.76	518.78	666.32	98.49	170.58	1024.23	920.19	1151.46	67.76	117.36
SMU_516_at	0.84	0.70	0.93	0.11	0.19	0.250802	6455.40	6029.82	6980.41	729.46	1263.46	7671.39	6892.15	8624.29	507.51	879.03
SMU_517_at	0.91	0.79	0.99	0.10	0.18	0.430725	6379.20	6258.15	6600.95	651.06	1127.66	7059.72	6342.62	7936.65	467.05	808.95
SMU_518_at	0.94	0.82	1.05	0.10	0.18	0.611384	5113.55	5045.21	5174.60	499.77	865.63	5451.43	4897.70	6128.59	360.65	624.66
SMU_52_at	1.54	1.42	1.60	0.10	0.17	0.002746	5346.80	4831.71	6254.19	452.43	783.63	3473.93	3121.06	3905.45	229.82	398.06

SMU_520_at	0.83	0.70	0.95	0.11	0.19	0.228551	2506.34	2358.46	2589.93	280.89	486.51	3014.25	2708.08	3388.67	199.41	345.39
SMU_521_at	0.85	0.83	0.85	0.09	0.16	0.189379	2915.26	2643.28	3298.67	345.00	597.55	3446.84	3096.72	3875.00	228.03	394.96
SMU_522_at	0.76	0.66	0.88	0.10	0.18	0.110145	5908.54	5791.90	6132.90	715.05	1238.50	7762.39	6973.91	8726.60	513.53	889.46
SMU_523_at	0.71	0.62	0.80	0.10	0.17	0.068202	2612.51	2582.85	2658.26	337.13	583.93	3678.20	3304.58	4135.09	243.34	421.47
SMU_524_at	4.01	2.83	6.17	0.67	1.16	0.001053	2516.27	1947.10	3390.81	318.81	552.20	611.93	549.77	687.94	40.48	70.12
SMU_525_at	4.16	2.68	7.28	0.90	1.56	0.002468	1642.23	1129.96	2451.98	291.65	505.16	374.64	336.59	421.18	24.78	42.93
SMU_526c_at	0.81	0.70	0.92	0.10	0.18	0.166045	2875.65	2641.57	3191.22	345.69	598.75	3557.71	3196.33	3999.63	235.37	407.66
SMU_527_at	1.08	0.70	1.55	0.21	0.37	0.689984	1605.36	1131.60	2007.12	223.85	387.72	1445.91	1299.04	1625.51	95.66	165.68
SMU_528c_at	0.66	0.54	0.81	0.11	0.19	0.062668	2014.25	1797.68	2410.55	310.59	537.96	3026.71	2719.27	3402.68	200.24	346.82
SMU_529_at	1.18	0.76	1.69	0.23	0.39	0.432653	511.57	360.84	645.30	70.12	121.45	424.32	381.22	477.02	28.07	48.62
SMU_53_at	1.51	1.28	1.95	0.17	0.29	0.021301	5544.24	4893.40	6440.86	469.42	813.05	3672.26	3299.25	4128.42	242.94	420.79
SMU_530c_at	1.21	1.02	1.34	0.12	0.20	0.120411	1479.07	1407.70	1553.94	116.18	201.23	1226.39	1101.82	1378.73	81.13	140.53
SMU_531_at	0.57	0.42	0.95	0.15	0.26	0.086542	1018.46	697.76	1461.96	225.20	390.06	1709.71	1536.04	1922.08	113.11	195.91
SMU_532_at	0.79	0.57	1.21	0.16	0.28	0.312816	4284.83	2909.38	5691.74	742.25	1285.61	5218.54	4688.46	5866.77	345.24	597.97
SMU_533_at	0.84	0.58	1.32	0.18	0.31	0.454098	2778.96	1788.15	3744.11	493.44	854.67	3165.79	2844.22	3559.03	209.44	362.76
SMU_534_at	0.87	0.62	1.44	0.19	0.33	0.551137	3195.97	1225.52	4532.97	594.84	1030.29	3513.42	3156.53	3949.84	232.43	402.59
SMU_535_at	0.82	0.62	1.19	0.15	0.26	0.326909	3492.29	2522.16	4475.11	552.51	956.97	4178.42	3753.99	4697.44	276.43	478.79
SMU_536_at	0.82	0.59	1.21	0.16	0.28	0.35881	2927.22	1981.64	3750.16	482.02	834.88	3456.65	3105.54	3886.03	228.68	396.08
SMU_537_at	0.86	0.64	1.30	0.17	0.29	0.457364	4955.70	3516.74	6564.56	809.89	1402.77	5625.90	5054.44	6324.72	372.19	644.65
SMU_538_at	0.86	0.62	1.25	0.16	0.28	0.441661	3908.52	2697.12	4973.04	619.73	1073.41	4444.35	3992.91	4996.41	294.02	509.26
SMU_539c_at	0.85	0.62	1.35	0.18	0.31	0.457187	60.20	41.31	82.98	10.67	18.49	68.64	61.67	77.16	4.54	7.86
SMU_54_at	1.62	1.35	2.14	0.19	0.33	0.013808	7467.17	6632.30	8818.04	639.34	1107.37	4587.94	4121.91	5157.84	303.52	525.71
SMU_540_at	0.99	0.93	1.04	0.09	0.16	0.957125	15249.38	14413.67	16126.73	1450.98	2513.17	15381.38	13818.99	17292.00	1017.58	1762.49
SMU_541_at	2.12	2.01	2.26	0.10	0.18	1.06E-04	9914.87	9511.85	10612.78	495.97	859.04	4693.31	4216.58	5276.29	310.49	537.79
SMU_542_at	1.47	1.34	1.68	0.12	0.20	0.008083	13123.89	12385.46	13515.61	860.56	1490.54	8956.53	8046.75	10069.07	592.53	1026.29
SMU_543_at	1.56	1.25	2.09	0.20	0.34	0.022372	8379.20	7503.37	10023.04	759.44	1315.39	5334.37	4792.52	5996.99	352.90	611.25
SMU_545_at	2.66	2.29	3.23	0.22	0.37	2.65E-04	1448.02	1213.21	1578.48	96.92	167.87	543.11	487.94	610.58	35.93	62.23
SMU_546_at	0.79	0.61	1.00	0.12	0.22	0.198285	9714.38	8461.05	11084.06	1248.63	2162.69	12313.25	11062.51	13842.75	814.60	1410.93
SMU_547_at	0.74	0.69	0.82	0.10	0.17	0.077133	5836.48	5548.55	6103.37	733.45	1270.37	7915.08	7111.09	8898.25	523.63	906.96
SMU_548_at	0.63	0.46	0.76	0.12	0.21	0.064535	3737.01	3060.64	4117.71	593.94	1028.74	5935.64	5332.71	6672.94	392.68	680.14
SMU_549_at	0.72	0.61	0.80	0.10	0.17	0.07661	6066.19	5811.33	6564.79	791.36	1370.67	8426.94	7570.96	9473.71	557.50	965.61
SMU_55_at	1.62	1.45	1.82	0.12	0.20	0.002686	5073.17	4459.43	5644.79	375.80	650.90	3136.64	2818.03	3526.26	207.51	359.42
SMU_550_at	0.74	0.69	0.78	0.09	0.16	0.074145	3515.38	3241.52	3691.79	444.37	769.68	4734.10	4253.22	5322.15	313.19	542.46
SMU_551_at	0.78	0.65	0.87	0.11	0.19	0.146793	7391.80	6855.11	7933.58	892.09	1545.15	9443.15	8483.95	10616.14	624.72	1082.05
SMU_552_at	0.90	0.72	1.03	0.12	0.20	0.476041	11344.29	10237.42	12167.85	1220.59	2114.12	12571.34	11294.38	14132.90	831.67	1440.50
SMU_553_at	0.97	0.84	1.06	0.10	0.18	0.803741	12490.91	11950.53	13301.93	1215.63	2105.54	12889.88	11580.57	14491.01	852.75	1477.00
SMU_554_at	0.94	0.77	1.05	0.11	0.20	0.613215	9653.07	8922.97	10248.21	985.64	1707.18	10339.77	9289.50	11624.14	684.04	1184.79
SMU_555_at	1.08	0.89	1.20	0.12	0.21	0.506219	3893.05	2828.33	4751.07	513.58	889.55	3529.23	3170.74	3967.61	233.48	404.40
SMU_556_at	1.16	1.13	1.18	0.09	0.16	0.138759	8291.75	7266.99	9361.67	783.11	1356.39	7164.43	6436.69	8054.37	473.97	820.94
SMU_557_at	1.16	1.02	1.25	0.11	0.18	0.171625	8512.76	8280.21	8822.98	682.22	1181.64	7347.00	6600.72	8259.61	486.05	841.86
SMU_558_at	0.77	0.61	1.00	0.12	0.21	0.170514	4937.62	4377.55	5741.08	654.74	1134.05	6404.90	5754.32	7200.50	423.73	733.91
SMU_56_at	1.39	1.31	1.49	0.10	0.17	0.009632	6590.16	5803.90	7901.63	636.32	1102.13	4724.38	4244.49	5311.22	312.55	541.35
SMU_560c_at	0.80	0.80	0.82	0.09	0.16	0.121029	4640.17	4129.43	5190.24	571.53	989.92	5775.54	5188.88	6492.95	382.09	661.80
SMU_561c_at	0.78	0.70	0.88	0.10	0.17	0.114718	4296.28	4156.62	4382.16	508.85	881.36	5531.62	4969.74	6218.73	365.95	633.85
SMU_562c_at	0.96	0.81	1.18	0.12	0.21	0.76602	12317.34	11673.83	13548.13	1252.79	2169.90	12831.90	11528.48	14425.82	848.91	1470.36
SMU_563_at	0.97	0.88	1.11	0.10	0.18	0.81148	328.14	290.03	357.14	33.93	58.77	337.25	302.99	379.14	22.31	38.64
SMU_564_at	0.73	0.67	0.78	0.09	0.16	0.070872	1398.34	1243.01	1625.97	192.34	333.14	1899.21	1706.30	2135.12	125.64	217.62
SMU_567_at	0.89	0.80	0.94	0.10	0.17	0.329873	8406.99	8072.33	8632.92	880.00	1524.20	9521.53	8554.36	10704.25	629.91	1091.04
SMU_568_at	0.86	0.79	0.95	0.10	0.17	0.261005	3940.69	3856.07	4057.60	421.00	729.20	4575.00	4110.28	5143.28	302.66	524.23
SMU_569_at	0.51	0.48	0.55	0.09	0.16	0.018204	2799.96	2358.46	3104.17	521.67	903.55	5424.43	4873.44	6098.23	358.86	621.56

SMU_570_at	0.55	0.50	0.62	0.09	0.16	0.022745	4721.91	4135.89	5188.78	816.94	1414.98	8596.94	7723.69	9664.81	568.74	985.09
SMU_571_at	0.61	0.50	0.68	0.10	0.17	0.037137	3153.87	2304.25	3774.85	561.41	972.40	5106.40	4587.71	5740.70	337.82	585.12
SMU_572_at	1.00	0.79	1.19	0.13	0.22	0.975609	6795.71	6041.13	7269.03	676.31	1171.40	6774.84	6086.68	7616.39	448.20	776.30
SMU_573_at	1.32	0.91	1.98	0.24	0.41	0.189762	2482.09	1889.41	3278.07	337.46	584.49	1839.58	1652.72	2068.08	121.70	210.79
SMU_574c_at	1.13	0.73	1.96	0.26	0.46	0.621354	86.61	51.80	127.21	16.88	29.24	72.19	64.86	81.16	4.78	8.27
SMU_575c_at	1.29	0.78	2.33	0.32	0.56	0.352395	131.76	72.27	197.93	27.18	47.08	94.74	85.12	106.51	6.27	10.86
SMU_576c_at	1.24	0.92	1.92	0.22	0.39	0.293287	703.57	496.84	949.19	106.12	183.80	551.20	495.21	619.66	36.47	63.16
SMU_577c_at	1.28	1.05	1.82	0.19	0.33	0.166754	2214.36	1835.49	2796.01	260.95	451.98	1710.25	1536.53	1922.69	113.14	195.97
SMU_58_at	1.32	1.20	1.47	0.11	0.19	0.027983	5715.79	5092.63	6304.77	468.80	811.99	4347.53	3905.93	4887.57	287.62	498.17
SMU_580_at	0.94	0.73	1.12	0.13	0.22	0.662317	8031.87	7037.21	8584.87	858.99	1487.82	8557.04	7687.84	9619.96	566.10	980.52
SMU_581_at	0.90	0.76	1.05	0.11	0.19	0.42116	4046.51	3677.88	4622.52	461.46	799.28	4508.92	4050.91	5068.99	298.29	516.66
SMU_582_at	0.98	0.72	1.14	0.14	0.25	0.878858	6443.16	5351.92	7233.54	721.51	1249.69	6569.74	5902.40	7385.80	434.63	752.80
SMU_583_at	0.92	0.68	1.10	0.14	0.24	0.581868	7214.88	6012.06	7841.94	835.56	1447.22	7855.57	7057.63	8831.36	519.70	900.14
SMU_584_at	0.95	0.76	1.10	0.12	0.21	0.680044	2760.15	2489.57	3139.24	300.62	520.69	2917.05	2620.75	3279.39	192.98	334.25
SMU_585_at	0.99	0.72	1.28	0.16	0.27	0.953678	4842.28	3924.13	5595.77	563.52	976.05	4857.29	4363.90	5460.64	321.34	556.58
SMU_586_at	0.61	0.47	0.70	0.11	0.19	0.049781	4250.69	3644.48	4755.00	675.36	1169.76	6938.01	6233.27	7799.82	458.99	795.00
SMU_587_at	0.71	0.65	0.77	0.09	0.16	0.062159	5372.28	4956.67	5694.84	706.98	1224.53	7536.49	6770.96	8472.65	498.59	863.58
SMU_588_at	0.67	0.63	0.71	0.09	0.16	0.042094	3245.21	3078.73	3414.94	448.79	777.32	4844.52	4352.43	5446.29	320.50	555.12
SMU_589_at	0.73	0.64	0.84	0.10	0.17	0.078326	7112.15	6864.02	7368.58	903.06	1564.14	9799.88	8804.44	11017.18	648.32	1122.93
SMU_59_at	0.86	0.72	1.22	0.15	0.25	0.418476	5798.76	4734.76	7311.39	819.76	1419.86	6646.27	5971.17	7471.84	439.69	761.57
SMU_591c_at	0.85	0.72	0.95	0.11	0.18	0.251756	1073.95	879.65	1270.74	140.13	242.72	1258.01	1130.23	1414.28	83.23	144.15
SMU_592c_at	0.89	0.81	1.03	0.10	0.18	0.361912	325.20	273.39	417.54	46.49	80.53	360.69	324.05	405.49	23.86	41.33
SMU_593_at	0.99	0.92	1.04	0.09	0.16	0.926153	5024.34	4639.76	5285.46	485.81	841.45	5085.29	4568.74	5716.96	336.42	582.70
SMU_594_at	0.57	0.47	0.64	0.10	0.17	0.02991	2770.96	2576.24	2895.23	454.83	787.79	4909.48	4410.79	5519.32	324.79	562.56
SMU_595c_at	0.61	0.50	0.74	0.10	0.18	0.04216	2485.90	2298.48	2692.15	381.32	660.47	4071.07	3657.55	4576.77	269.33	466.49
SMU_596_at	0.83	0.74	0.91	0.10	0.17	0.185769	9697.21	9588.28	9789.23	1074.44	1860.99	11727.59	10536.34	13184.35	775.85	1343.82
SMU_597_at	0.94	0.83	1.02	0.10	0.17	0.611994	7650.97	7489.81	7833.70	748.79	1296.94	8142.74	7315.63	9154.20	538.69	933.05
SMU_598_at	1.05	0.92	1.20	0.11	0.19	0.643575	6008.47	5911.30	6195.63	528.81	915.93	5730.91	5148.79	6442.78	379.14	656.68
SMU_599_at	0.66	0.56	0.76	0.10	0.17	0.050403	3488.52	3359.48	3634.45	488.08	845.39	5295.67	4757.76	5953.48	350.34	606.81
SMU_60_at	0.67	0.58	0.89	0.12	0.20	0.07822	1481.44	1231.44	1746.93	226.14	391.69	2185.69	1963.68	2457.19	144.60	250.45
SMU_600c_at	0.33	0.26	0.37	0.09	0.16	0.014554	2158.75	1904.59	2404.93	609.48	1055.65	6563.29	5896.61	7378.55	434.20	752.06
SMU_602_at	0.59	0.43	0.72	0.12	0.20	0.050507	1483.80	1207.98	1758.80	256.18	443.72	2514.42	2259.01	2826.75	166.34	288.12
SMU_603_at	0.77	0.64	0.85	0.11	0.18	0.124202	3978.94	3716.03	4233.85	487.05	843.59	5193.24	4665.73	5838.33	343.57	595.07
SMU_604_at	0.92	0.74	1.03	0.12	0.20	0.521289	1367.98	976.63	1694.75	199.78	346.03	1461.57	1313.11	1643.12	96.69	167.48
SMU_605_at	0.97	0.84	1.05	0.11	0.18	0.80206	3072.64	2346.48	3683.18	397.26	688.07	3122.09	2804.95	3509.90	206.55	357.75
SMU_606_at	0.83	0.80	0.88	0.09	0.16	0.172446	3039.89	2704.04	3280.37	355.68	616.06	3647.99	3277.44	4101.13	241.34	418.01
SMU_607_at	0.95	0.85	1.09	0.10	0.18	0.642825	2906.12	2761.97	3021.30	287.18	497.40	3081.11	2768.14	3463.83	203.83	353.05
SMU_608_at	0.67	0.55	0.80	0.11	0.18	0.060874	2963.18	2741.60	3226.02	420.55	728.42	4462.16	4008.91	5016.43	295.20	511.30
SMU_609_at	0.26	0.22	0.28	0.09	0.15	0.012026	2553.29	2530.09	2565.73	919.88	1593.29	10047.68	9027.07	11295.76	664.72	1151.33
SMU_61_at	1.09	0.94	1.19	0.11	0.19	0.417479	5261.38	5067.84	5614.46	458.70	794.49	4820.78	4331.10	5419.59	318.92	552.39
SMU_610_at	1.03	0.86	1.19	0.12	0.20	0.798161	11946.00	11280.30	12477.06	1093.17	1893.43	11627.38	10446.31	13071.69	769.23	1332.34
SMU_611_at	0.72	0.58	0.85	0.11	0.19	0.096112	10995.84	9988.45	11633.52	1437.93	2490.56	15205.59	13661.06	17094.37	1005.95	1742.35
SMU_613_at	0.60	0.48	0.74	0.11	0.19	0.041765	5599.89	5057.89	6225.50	894.98	1550.15	9417.50	8460.90	10587.30	623.03	1079.12
SMU_614_at	0.49	0.39	0.59	0.10	0.18	0.023869	1706.58	1526.85	1819.64	322.74	559.01	3454.84	3103.91	3883.98	228.56	395.88
SMU_616_at	0.91	0.85	0.95	0.09	0.16	0.402912	13770.95	12674.55	14576.44	1446.57	2505.53	15179.99	13638.06	17065.59	1004.25	1739.42
SMU_618_at	0.93	0.84	0.99	0.10	0.17	0.53517	8417.69	6728.31	9994.07	1057.48	1831.60	8956.19	8046.45	10068.70	592.51	1026.26
SMU_620_at	1.18	1.00	1.46	0.13	0.23	0.222108	1107.17	836.95	1328.10	132.61	229.68	928.77	834.43	1044.14	61.44	106.42
SMU_621c_at	0.63	0.49	0.76	0.11	0.19	0.052482	3017.47	2659.98	3311.25	461.97	800.15	4826.44	4336.19	5425.96	319.30	553.04
SMU_622c_at	0.55	0.41	0.65	0.11	0.19	0.034679	1827.44	1558.31	1972.83	320.88	555.78	3347.06	3007.08	3762.82	221.43	383.53
SMU_623c_at	0.56	0.45	0.65	0.10	0.18	0.029888	2919.56	2682.68	3063.91	488.41	845.94	5254.66	4720.91	5907.37	347.63	602.11

SMU_624_at	0.65	0.47	0.77	0.12	0.21	0.080266	4292.77	3462.61	4894.18	670.70	1161.69	6534.89	5871.10	7346.63	432.32	748.81
SMU_625_at	2.15	1.93	2.62	0.18	0.31	7.56E-04	238.12	213.10	261.24	14.15	24.51	110.89	99.63	124.67	7.34	12.71
SMU_626_at	1.69	1.15	2.19	0.26	0.45	0.025315	153.65	115.89	176.60	15.77	27.31	89.71	80.60	100.85	5.93	10.28
SMU_627_at	0.83	0.69	0.92	0.11	0.19	0.215421	6703.80	6266.50	7114.95	763.58	1322.56	8122.76	7297.68	9131.74	537.37	930.76
SMU_628_at	0.68	0.57	0.76	0.10	0.18	0.057544	2458.45	2320.52	2573.84	337.45	584.48	3641.46	3271.58	4093.79	240.91	417.26
SMU_629_at	1.15	1.01	1.29	0.11	0.19	0.217757	16506.38	16333.64	16724.65	1324.62	2294.31	14441.74	12974.80	16235.64	955.41	1654.82
SMU_630_at	1.30	1.06	1.62	0.15	0.26	0.085366	4583.84	4204.02	5166.34	385.67	668.00	3539.84	3180.27	3979.54	234.18	405.62
SMU_631_at	1.75	1.54	2.08	0.14	0.25	0.002423	1580.15	1478.67	1692.07	93.65	162.20	904.60	812.71	1016.96	59.84	103.65
SMU_632_at	1.99	1.76	2.36	0.15	0.27	8.89E-04	3269.23	2820.75	3509.66	218.65	378.72	1642.94	1476.06	1847.02	108.69	188.26
SMU_633_at	1.20	1.14	1.33	0.10	0.18	0.09142	7871.69	7353.59	8398.03	637.11	1103.50	6557.99	5891.85	7372.59	433.85	751.45
SMU_634c_at	0.77	0.61	0.98	0.12	0.21	0.162239	4019.59	3568.28	4583.19	523.08	906.00	5228.54	4697.44	5878.01	345.90	599.12
SMU_635_at	0.96	0.70	1.12	0.14	0.25	0.096816	9949.15	8170.38	11263.88	1147.42	1987.39	10310.26	9262.98	11590.96	682.09	1181.41
SMU_636_at	1.59	1.44	1.73	0.11	0.19	0.002458	12701.53	12450.17	12962.72	739.78	1281.33	7999.41	7186.85	8993.06	529.21	916.62
SMU_637c_at	0.79	0.64	1.10	0.13	0.23	0.230383	739.02	632.35	915.31	105.59	182.88	927.29	833.10	1042.47	61.35	106.25
SMU_638_at	2.18	1.68	2.71	0.24	0.41	0.002003	5470.39	4727.62	6117.64	366.60	634.97	2508.78	2253.94	2820.41	165.97	287.47
SMU_639_at	1.99	1.65	2.26	0.16	0.28	0.001101	2903.71	2722.90	3006.86	148.85	257.82	1467.22	1318.19	1649.47	97.07	168.12
SMU_63c_at	1.45	1.31	1.59	0.11	0.19	0.007924	7153.46	7056.01	7301.27	458.20	793.62	4971.21	4466.25	5588.71	328.88	569.63
SMU_64_at	0.78	0.61	0.93	0.12	0.20	0.171302	2955.36	2599.81	3165.90	368.60	638.44	3782.15	3397.97	4251.95	250.21	433.38
SMU_640c_at	0.57	0.47	0.74	0.11	0.19	0.038802	310.67	279.77	365.42	53.79	93.16	547.92	492.26	615.98	36.25	62.78
SMU_641_at	1.92	1.42	2.48	0.24	0.42	0.006493	2399.28	1992.66	2778.89	197.14	341.46	1246.24	1119.66	1401.05	82.45	142.80
SMU_642_at	1.69	1.49	1.83	0.12	0.21	0.001758	1504.49	1175.69	1807.04	152.24	263.70	879.55	790.21	988.80	58.19	100.78
SMU_643_at	1.48	1.24	1.65	0.13	0.23	0.011221	2013.28	1911.62	2097.58	130.90	226.72	1366.73	1227.90	1536.50	90.42	156.61
SMU_644_at	2.03	1.37	3.12	0.36	0.63	0.015642	540.38	400.38	727.27	72.73	125.98	259.15	232.82	291.34	17.14	29.69
SMU_645_at	1.20	0.99	1.34	0.13	0.22	0.151757	3594.11	3318.70	3851.74	295.19	511.29	2996.64	2692.25	3368.87	198.25	343.37
SMU_646_at	1.22	1.02	1.43	0.13	0.22	0.119663	3601.77	3388.25	3784.07	282.45	489.21	2953.82	2653.78	3320.74	195.41	338.47
SMU_647_at	0.74	0.57	0.93	0.12	0.21	0.13682	5707.73	4942.07	6401.43	762.25	1320.26	7659.02	6881.04	8610.39	506.69	877.62
SMU_648_at	0.70	0.58	0.80	0.10	0.18	0.069377	6289.23	5915.87	6495.12	836.71	1449.22	9024.67	8107.98	10145.68	597.04	1034.10
SMU_649_at	0.59	0.48	0.70	0.10	0.18	0.035136	2303.12	2144.36	2473.81	366.73	635.20	3937.71	3537.73	4426.84	260.50	451.21
SMU_65_at	1.04	0.96	1.09	0.10	0.17	0.696793	5150.50	4797.66	5373.75	472.40	818.23	4972.60	4467.50	5590.27	328.97	569.79
SMU_650_at	0.78	0.68	0.88	0.10	0.17	0.1167	4353.59	4248.29	4478.49	518.51	898.08	5639.92	5067.04	6340.49	373.12	646.26
SMU_651c_at	0.38	0.18	0.70	0.17	0.29	0.066817	885.02	426.89	1323.63	265.99	460.70	2106.65	1892.66	2368.33	139.37	241.39
SMU_652c_at	0.28	0.13	0.50	0.14	0.24	0.040311	463.48	224.63	684.38	168.62	292.06	1528.65	1373.37	1718.53	101.13	175.16
SMU_653c_at	0.31	0.15	0.52	0.14	0.25	0.043804	720.59	355.28	1012.74	240.22	416.07	2157.87	1938.68	2425.92	142.76	247.26
SMU_654_at	0.46	0.28	0.72	0.14	0.24	0.050163	316.36	213.07	434.92	76.29	132.13	668.00	600.14	750.97	44.19	76.54
SMU_655_at	0.53	0.39	0.70	0.12	0.20	0.039636	210.54	173.19	247.33	38.93	67.43	391.75	351.96	440.42	25.92	44.89
SMU_656_at	0.66	0.42	1.08	0.17	0.29	0.162528	250.52	171.73	356.00	51.29	88.84	366.65	329.41	412.19	24.26	42.01
SMU_657_at	0.74	0.51	1.13	0.16	0.28	0.231799	220.73	166.24	294.67	37.88	65.62	289.08	259.71	324.98	19.12	33.12
SMU_658_at	0.65	0.58	0.72	0.10	0.17	0.04017	123.43	121.82	124.29	17.54	30.39	191.47	172.02	215.25	12.67	21.94
SMU_659_at	1.00	0.78	1.25	0.14	0.23	0.989463	837.43	739.61	944.27	87.45	151.47	838.44	753.27	942.58	55.47	96.07
SMU_66_at	0.91	0.86	0.97	0.09	0.16	0.428041	5903.81	4969.12	6637.43	684.36	1185.34	6437.46	5783.57	7237.10	425.88	737.64
SMU_660_at	0.97	0.77	1.36	0.16	0.27	0.834156	856.82	734.82	1074.21	111.34	192.85	877.95	788.77	987.00	58.08	100.60
SMU_661_at	0.34	0.28	0.42	0.09	0.16	0.014731	1170.04	1016.53	1415.93	325.72	564.17	3426.16	3078.14	3851.74	226.66	392.59
SMU_662_at	0.43	0.30	0.53	0.11	0.19	0.02545	1853.58	1450.79	2077.32	418.40	724.68	4296.19	3859.80	4829.84	284.22	492.28
SMU_663_at	1.03	0.74	1.45	0.18	0.31	0.847195	156.93	123.73	194.60	19.99	34.63	149.71	134.50	168.30	9.90	17.15
SMU_664_at	1.20	0.70	2.24	0.32	0.56	0.523907	186.54	113.04	291.36	40.28	69.78	144.57	129.88	162.53	9.56	16.57
SMU_665_at	1.51	1.05	2.27	0.26	0.46	0.075948	375.81	287.80	498.35	49.95	86.52	243.98	219.20	274.29	16.14	27.96
SMU_666_at	1.68	0.99	3.56	0.50	0.87	0.141253	494.35	292.51	845.13	126.81	219.64	263.89	237.09	296.67	17.46	30.24
SMU_667c_at	1.62	1.12	2.52	0.30	0.52	0.053592	7189.42	5402.01	9752.36	1009.64	1748.75	4309.24	3871.52	4844.52	285.08	493.78
SMU_668c_at	1.80	1.34	2.37	0.23	0.40	0.010265	10834.12	9047.19	12783.36	941.68	1631.03	6001.19	5391.61	6746.64	397.02	687.65
SMU_669c_at	1.39	1.35	1.45	0.09	0.16	0.008148	7796.84	7330.15	8658.10	598.30	1036.29	5623.32	5052.13	6321.83	372.02	644.35

SMU_67_at	0.95	0.74	1.16	0.13	0.23	0.700847	5913.80	5168.06	6493.29	635.98	1101.55	6254.29	5619.00	7031.18	413.76	716.66
SMU_670_at	0.32	0.21	0.41	0.11	0.18	0.020374	5364.04	3946.50	6122.68	1592.61	2758.49	16511.13	14833.99	18562.08	1092.32	1891.95
SMU_671_at	0.32	0.17	0.46	0.13	0.22	0.032601	4941.23	2889.19	6128.17	1537.24	2662.57	14786.40	13284.45	16623.11	978.21	1694.32
SMU_672_at	0.26	0.15	0.37	0.11	0.19	0.024647	4443.26	2700.06	5464.19	1624.25	2813.29	16401.70	14735.67	18439.05	1085.08	1879.41
SMU_673_at	0.50	0.32	0.65	0.13	0.22	0.048556	4414.43	3114.21	5146.34	911.70	1579.12	8592.40	7719.61	9659.71	568.44	984.57
SMU_674_at	1.03	0.94	1.11	0.10	0.17	0.737447	9741.05	9423.15	9945.43	872.85	1511.82	9452.78	8492.60	10626.97	625.36	1083.16
SMU_675_at	1.08	0.94	1.20	0.11	0.19	0.504047	16301.17	16027.27	16527.96	1397.62	2420.75	15224.51	13678.06	17115.64	1007.20	1744.52
SMU_676_at	1.00	0.88	1.11	0.10	0.18	0.967684	15639.06	15418.14	15904.29	1434.93	2485.37	15635.56	14047.35	17577.74	1034.39	1791.62
SMU_677_at	2.05	1.70	2.54	0.19	0.34	0.001591	1198.96	1115.48	1334.01	72.04	124.78	584.92	525.51	657.58	38.70	67.02
SMU_678_at	2.08	1.36	3.10	0.37	0.64	0.013681	2104.66	1511.81	2742.51	267.42	463.19	986.20	886.03	1108.71	65.24	113.01
SMU_679_at	2.27	1.62	2.85	0.30	0.51	0.003067	1686.32	1345.77	1885.01	138.52	239.92	737.22	662.34	828.80	48.77	84.48
SMU_68_at	0.96	0.91	0.99	0.09	0.16	0.674226	9813.90	8942.56	11396.51	1091.38	1890.32	10229.14	9190.10	11499.77	676.72	1172.12
SMU_680_at	2.42	1.97	2.91	0.22	0.38	5.78E-04	1715.96	1570.74	1856.67	87.37	151.32	709.89	637.78	798.07	46.96	81.34
SMU_681_at	1.88	1.49	2.51	0.23	0.39	0.006287	432.64	383.10	517.18	36.64	63.47	229.22	205.94	257.70	15.16	26.27
SMU_682_at	0.72	0.69	0.76	0.09	0.16	0.060345	1342.78	1248.76	1515.29	180.70	312.99	1857.68	1668.99	2088.44	122.90	212.86
SMU_683_at	1.10	0.98	1.36	0.13	0.22	0.454521	3087.17	2710.50	3443.47	297.60	515.46	2808.94	2523.62	3157.85	185.83	321.87
SMU_684_at	1.00	0.89	1.19	0.11	0.19	0.9822	2718.45	2278.36	3551.41	382.52	662.54	2664.38	2393.74	2995.33	176.27	305.30
SMU_685_at	0.99	0.76	1.48	0.18	0.31	0.948351	1455.73	935.22	2285.89	322.08	557.87	1370.41	1231.21	1540.63	90.66	157.03
SMU_687c_at	0.79	0.71	0.95	0.11	0.19	0.163712	12.75	11.63	13.73	1.60	2.77	16.08	14.45	18.08	1.06	1.84
SMU_688_at	0.40	0.37	0.43	0.09	0.15	0.01313	1418.50	1382.07	1488.83	325.98	564.61	3550.35	3189.72	3991.36	234.88	406.82
SMU_689_at	0.86	0.66	1.04	0.13	0.22	0.354258	7809.27	6714.62	8506.31	919.57	1592.75	9087.30	8164.24	10216.08	601.18	1041.28
SMU_690_at	0.98	0.88	1.11	0.10	0.18	0.879656	6612.73	6465.10	6706.62	620.42	1074.59	6752.31	6066.43	7591.05	446.71	773.72
SMU_691_at	0.78	0.66	0.89	0.10	0.18	0.129755	6356.80	6111.73	6559.95	755.67	1308.86	8192.05	7359.93	9209.64	541.96	938.70
SMU_692_at	0.88	0.79	0.97	0.10	0.17	0.326498	6374.29	5847.65	6865.83	694.00	1202.04	7231.50	6496.95	8129.77	478.41	828.63
SMU_694c_at	0.84	0.74	1.03	0.11	0.19	0.249708	365.91	317.85	405.70	43.93	76.08	436.83	392.46	491.09	28.90	50.05
SMU_695_at	0.86	0.75	0.93	0.10	0.17	0.275046	8802.67	8448.07	9303.36	953.17	1650.94	10220.00	9181.88	11489.48	676.12	1171.07
SMU_696_at	0.90	0.79	0.97	0.10	0.17	0.371865	8653.40	8439.84	8873.94	892.86	1546.48	9704.74	8718.96	10910.22	642.03	1112.03
SMU_697_at	1.07	1.04	1.14	0.09	0.16	0.453462	10634.89	10031.50	11722.87	986.12	1708.00	9914.73	8907.62	11146.30	655.92	1136.09
SMU_698_at	1.05	0.99	1.14	0.10	0.17	0.595413	12228.74	11269.22	13533.61	1166.52	2020.47	11622.89	10442.27	13066.63	768.93	1331.82
SMU_699_at	1.13	1.04	1.28	0.10	0.18	0.256253	10339.21	9339.50	11120.89	917.71	1589.52	9165.27	8234.29	10303.74	606.34	1050.21
SMU_70_at	1.07	0.90	1.27	0.12	0.21	0.571157	6914.10	6543.62	7397.47	619.19	1072.47	6475.42	5817.67	7279.78	428.39	741.99
SMU_700c_at	0.89	0.78	0.96	0.10	0.17	0.35782	3449.48	3355.36	3564.40	358.46	620.87	3886.83	3492.02	4369.64	257.14	445.38
SMU_701c_at	0.97	0.86	1.06	0.10	0.18	0.81511	2756.80	2697.12	2828.98	261.48	452.89	2840.57	2552.03	3193.41	187.92	325.49
SMU_702c_at	0.95	0.80	1.03	0.11	0.19	0.652265	4043.46	3872.41	4299.96	402.95	697.92	4284.29	3849.11	4816.47	283.43	490.92
SMU_703c_at	0.85	0.64	1.00	0.13	0.22	0.320455	2789.56	2370.74	3046.33	336.41	582.67	3292.76	2958.30	3701.78	217.84	377.30
SMU_704c_at	1.61	1.28	1.91	0.17	0.29	0.009433	2402.03	2153.41	2563.93	163.22	282.70	1492.88	1341.24	1678.32	98.76	171.06
SMU_706c_at	1.13	0.81	1.56	0.18	0.32	0.471869	952.14	758.27	1162.40	112.36	194.62	830.91	746.51	934.12	54.97	95.21
SMU_707c_at	0.87	0.75	1.02	0.11	0.19	0.325379	9458.35	9204.13	9960.96	1011.13	1751.34	10872.92	9768.48	12223.51	719.31	1245.89
SMU_709_at	0.79	0.67	0.99	0.11	0.20	0.179911	1794.73	1527.12	2176.51	247.81	429.21	2244.11	2016.16	2522.87	148.46	257.14
SMU_71_at	1.60	1.22	2.12	0.21	0.36	0.021037	1218.12	1032.84	1440.24	108.93	188.67	755.23	678.51	849.04	49.96	86.54
SMU_711_at	0.75	0.65	0.89	0.10	0.18	0.101226	2521.75	2177.24	2914.95	342.81	593.76	3358.71	3017.54	3775.91	222.20	384.86
SMU_712_at	0.93	0.82	1.05	0.10	0.18	0.534081	7122.53	7050.07	7241.66	706.96	1224.49	7708.35	6925.36	8665.85	509.96	883.27
SMU_713_at	0.92	0.78	1.06	0.11	0.19	0.508867	10554.59	10099.12	10971.24	1071.19	1855.36	11537.13	10365.23	12970.23	763.25	1322.00
SMU_714_at	0.99	0.86	1.08	0.10	0.18	0.89645	16272.42	16116.12	16577.10	1521.50	2635.32	16577.95	14894.02	18637.20	1096.74	1899.60
SMU_715_at	0.81	0.74	0.86	0.09	0.16	0.143939	8242.47	7747.43	8529.47	950.73	1646.71	10206.02	9169.33	11473.77	675.19	1169.47
SMU_716c_at	0.70	0.61	0.82	0.10	0.18	0.065515	3115.10	2978.04	3309.16	416.85	722.01	4487.69	4031.84	5045.13	296.89	514.23
SMU_717c_at	0.75	0.68	0.82	0.10	0.16	0.084162	6360.69	6262.53	6515.21	780.68	1352.18	8506.14	7642.11	9562.73	562.74	974.69
SMU_718c_at	0.61	0.55	0.64	0.09	0.16	0.029631	4262.42	4012.85	4420.39	649.06	1124.20	7022.40	6309.09	7894.69	464.58	804.67
SMU_719c_at	0.53	0.41	0.63	0.10	0.18	0.030161	2438.47	2123.24	2797.04	441.02	763.87	4574.03	4109.41	5142.19	302.60	524.12
SMU_72_at	0.69	0.68	0.70	0.09	0.16	0.04498	5579.47	4937.39	6266.27	788.83	1366.29	8089.19	7267.52	9094.00	535.15	926.91

SMU_720_at	0.64	0.49	0.79	0.11	0.20	0.064105	5252.39	4493.36	5819.81	798.80	1383.57	8175.53	7345.09	9191.06	540.86	936.80
SMU_721_at	0.67	0.58	0.74	0.10	0.17	0.048053	2605.77	2567.08	2627.69	359.11	621.99	3919.72	3521.57	4406.61	259.31	449.15
SMU_722_at	0.59	0.54	0.64	0.09	0.16	0.025788	815.21	674.62	988.93	142.07	246.07	1378.68	1238.64	1549.93	91.21	157.98
SMU_723_at	1.28	1.02	1.59	0.15	0.26	0.104219	9243.62	8266.43	10317.14	784.55	1358.88	7238.49	6503.23	8137.63	478.87	829.43
SMU_724_at	0.65	0.56	0.72	0.10	0.17	0.041459	2919.21	2709.93	3183.84	426.33	738.42	4530.34	4070.16	5093.08	299.71	519.11
SMU_725c_at	2.60	1.94	3.46	0.33	0.56	0.001544	4057.03	3383.15	4831.79	330.04	571.65	1553.06	1395.31	1745.98	102.74	177.96
SMU_727_at	0.64	0.60	0.67	0.09	0.16	0.033572	1404.14	1180.20	1590.66	217.71	377.09	2190.19	1967.71	2462.24	144.89	250.96
SMU_728_at	0.50	0.35	0.71	0.12	0.21	0.040416	1720.68	1353.32	2166.95	354.24	613.56	3404.16	3058.38	3827.01	225.21	390.07
SMU_73_at	0.59	0.46	0.75	0.11	0.19	0.044693	6271.40	5485.03	7181.19	1038.33	1798.43	10682.11	9597.06	12009.00	706.69	1224.02
SMU_730_at	0.56	0.52	0.58	0.09	0.16	0.021854	611.26	507.44	715.56	108.29	187.56	1088.04	977.52	1223.19	71.98	124.67
SMU_731_at	0.57	0.53	0.62	0.09	0.16	0.024259	960.67	789.43	1075.44	164.88	285.58	1670.17	1500.52	1877.63	110.49	191.38
SMU_732_at	0.62	0.59	0.65	0.09	0.16	0.029292	1031.15	928.81	1106.78	157.22	272.32	1667.69	1498.29	1874.84	110.33	191.09
SMU_734_at	0.64	0.54	0.75	0.10	0.17	0.046165	418.35	310.80	533.45	73.94	128.07	636.43	571.78	715.48	42.10	72.93
SMU_735_at	1.51	1.28	1.80	0.14	0.24	0.010773	4678.43	4460.21	4999.29	306.43	530.75	3098.67	2783.92	3483.58	205.00	355.07
SMU_737_at	1.75	1.49	2.27	0.19	0.33	0.006201	5095.68	4515.81	5912.04	398.31	689.90	2898.98	2604.52	3259.08	191.79	332.18
SMU_738_s_at	1.16	1.09	1.30	0.10	0.18	0.157181	2684.22	2524.32	2824.76	220.55	382.00	2312.88	2077.94	2600.18	153.01	265.02
SMU_739c_at	1.07	0.49	2.00	0.36	0.63	0.83299	195.83	89.45	316.30	48.87	84.64	161.57	145.16	181.64	10.69	18.51
SMU_74_at	1.43	1.25	1.59	0.12	0.20	0.011924	7988.17	7923.14	8043.77	515.99	893.72	5629.75	5057.90	6329.05	372.44	645.09
SMU_741_at	0.97	0.67	1.40	0.18	0.31	0.867513	2019.24	1549.63	2570.45	281.86	488.20	2049.22	1841.07	2303.77	135.57	234.81
SMU_742_at	0.78	0.68	0.84	0.10	0.17	0.116181	3372.25	3264.29	3514.96	401.00	694.54	4342.27	3901.20	4881.65	287.27	497.56
SMU_743_at	0.65	0.51	0.78	0.11	0.19	0.061903	4729.21	4152.69	5115.01	697.18	1207.55	7269.68	6531.25	8172.69	480.94	833.00
SMU_744_at	0.57	0.39	0.84	0.14	0.24	0.071876	2093.50	1563.87	2697.64	401.30	695.07	3569.53	3206.95	4012.92	236.15	409.02
SMU_745c_at	0.72	0.57	0.84	0.11	0.19	0.096585	3533.78	3164.51	3757.60	467.66	810.00	4902.07	4404.13	5510.99	324.30	561.71
SMU_746c_at	0.99	0.74	1.18	0.14	0.24	0.938993	8191.10	6882.84	8962.65	888.04	1538.13	8263.95	7424.53	9290.47	546.71	946.93
SMU_747c_at	1.03	0.84	1.18	0.12	0.21	0.821885	9110.64	8359.94	9553.65	855.83	1482.33	8882.31	7980.08	9985.64	587.62	1017.79
SMU_748_at	1.05	0.81	1.42	0.16	0.27	0.752212	30.00	22.31	35.92	3.87	6.69	28.11	25.25	31.60	1.86	3.22
SMU_75_at	1.69	1.40	2.08	0.17	0.29	0.005819	8049.60	7507.73	8903.56	532.95	923.10	4769.86	4285.36	5362.36	315.56	546.56
SMU_750c_at	1.05	0.85	1.34	0.14	0.24	0.723834	20.41	18.52	23.37	2.12	3.67	19.41	17.43	21.82	1.28	2.22
SMU_751_at	0.93	0.74	1.07	0.12	0.21	0.580373	4670.98	4223.98	4956.32	489.20	847.33	5049.63	4536.71	5676.88	334.07	578.62
SMU_752_at	1.09	1.07	1.12	0.09	0.16	0.347928	3265.22	2930.14	3744.84	324.02	561.21	2985.83	2682.54	3356.71	197.53	342.13
SMU_753_at	0.83	0.73	0.92	0.10	0.17	0.18877	5059.77	3976.53	5730.43	676.18	1171.19	6059.93	5444.38	6812.66	400.90	694.38
SMU_754_at	0.99	0.88	1.08	0.10	0.18	0.934127	12771.99	12607.79	12908.23	1186.41	2054.91	12941.57	11627.01	14549.12	856.17	1482.92
SMU_755_at	0.98	0.86	1.04	0.10	0.18	0.82243	9700.72	9358.38	10143.90	928.54	1608.28	9982.65	8968.65	11222.66	660.42	1143.87
SMU_756_at	0.99	0.93	1.05	0.09	0.16	0.957525	9381.73	8534.41	9895.64	916.48	1587.39	9452.43	8492.28	10626.57	625.34	1083.12
SMU_757_at	0.93	0.82	1.00	0.10	0.17	0.515291	5822.98	5474.37	6186.09	595.21	1030.93	6304.66	5664.25	7087.79	417.09	722.43
SMU_758c_at	0.44	0.33	0.54	0.10	0.18	0.02244	1976.10	1288.07	2328.64	469.22	812.72	4382.69	3937.52	4927.10	289.94	502.20
SMU_759_at	1.00	0.86	1.08	0.11	0.18	0.995714	5996.28	5831.66	6303.99	561.94	973.31	6021.86	5410.18	6769.87	398.38	690.02
SMU_76_at	2.00	1.74	2.40	0.16	0.28	0.001024	3757.89	3551.72	4048.07	202.02	349.90	1881.30	1690.21	2114.99	124.46	215.57
SMU_761_at	0.85	0.76	0.96	0.10	0.17	0.230711	6591.30	6395.13	6743.67	718.98	1245.32	7813.22	7019.58	8783.75	516.89	895.29
SMU_764_at	1.13	1.01	1.22	0.10	0.18	0.241131	10712.09	10402.23	11010.41	877.73	1520.28	9491.18	8527.10	10670.14	627.90	1087.56
SMU_765_at	0.98	0.84	1.08	0.11	0.19	0.832124	13244.67	12802.91	13653.87	1259.77	2181.99	13628.72	12244.36	15321.63	901.63	1561.66
SMU_768c_at	0.20	0.19	0.21	0.08	0.14	0.012067	676.88	571.47	743.52	316.22	547.71	3429.52	3081.16	3855.53	226.88	392.98
SMU_769_at	0.80	0.71	0.92	0.10	0.17	0.143615	1549.18	1346.50	1744.60	195.49	338.60	1941.95	1744.69	2183.17	128.47	222.52
SMU_770c_at	0.34	0.25	0.43	0.10	0.17	0.017845	3320.79	2696.41	3678.34	907.69	1572.16	9615.05	8638.38	10809.39	636.10	1101.75
SMU_771c_at	0.84	0.71	0.95	0.11	0.18	0.223364	856.17	797.41	954.22	100.20	173.56	1026.03	921.81	1153.48	67.88	117.57
SMU_772_at	0.92	0.78	1.03	0.11	0.19	0.510709	1247.20	1190.93	1284.82	126.27	218.70	1361.35	1223.06	1530.45	90.06	155.99
SMU_773c_at	0.63	0.57	0.69	0.09	0.16	0.0346	4525.74	4446.85	4595.11	660.69	1144.35	7209.21	6476.92	8104.70	476.93	826.07
SMU_774_at	0.53	0.37	0.77	0.13	0.22	0.051935	1441.62	1112.70	1854.56	289.02	500.59	2669.29	2398.15	3000.86	176.59	305.86
SMU_775c_at	0.66	0.58	0.73	0.10	0.17	0.043054	8040.35	7404.88	8727.97	1156.65	2003.38	12283.47	11035.76	13809.28	812.63	1407.52
SMU_776_at	1.02	0.84	1.19	0.12	0.21	0.868666	7142.73	6572.64	8109.25	726.85	1258.94	6996.70	6286.00	7865.80	462.88	801.72

SMU_777_at	1.03	0.90	1.12	0.11	0.18	0.758336	6278.09	6034.47	6655.26	573.92	994.06	6092.56	5473.69	6849.35	403.06	698.12
SMU_778_at	1.02	0.84	1.14	0.11	0.20	0.894341	7066.32	6613.94	7440.18	661.20	1145.24	6976.95	6268.26	7843.60	461.57	799.46
SMU_779_at	1.06	0.95	1.13	0.10	0.17	0.54545	7523.56	7178.15	7802.68	662.55	1147.58	7097.36	6376.43	7978.96	469.54	813.26
SMU_78_at	1.69	1.25	2.74	0.32	0.55	0.044785	1326.88	1043.15	1867.13	203.33	352.17	759.00	681.90	853.28	50.21	86.97
SMU_780_at	1.03	0.94	1.09	0.10	0.17	0.759863	9921.68	9413.06	10187.43	902.07	1562.44	9655.63	8674.84	10855.01	638.78	1106.40
SMU_781_at	0.99	0.83	1.14	0.11	0.20	0.94079	7695.84	7293.32	8015.02	729.05	1262.76	7792.68	7001.13	8760.66	515.54	892.93
SMU_782_at	0.90	0.80	0.97	0.10	0.17	0.383171	2806.07	2730.74	2877.75	288.65	499.96	3135.87	2817.34	3525.40	207.46	359.33
SMU_784_at	0.58	0.43	0.72	0.11	0.20	0.045932	3217.32	2686.82	3615.56	545.12	944.17	5559.35	4994.65	6249.91	367.79	637.02
SMU_785_at	0.67	0.63	0.73	0.09	0.16	0.041247	4366.01	3773.66	4673.18	635.80	1101.23	6557.19	5891.13	7371.69	433.80	751.36
SMU_786_at	0.58	0.52	0.62	0.09	0.16	0.025844	1694.10	1653.33	1722.39	269.98	467.63	2944.67	2645.56	3310.44	194.81	337.42
SMU_787_at	0.58	0.50	0.65	0.10	0.17	0.027795	5616.47	5529.10	5757.73	898.91	1556.95	9803.48	8807.68	11021.23	648.56	1123.34
SMU_788_at	1.42	1.14	1.90	0.18	0.31	0.047399	3101.68	2782.60	3694.96	288.89	500.37	2167.51	1947.34	2436.75	143.39	248.37
SMU_789_at	0.78	0.68	0.93	0.11	0.18	0.135928	4906.63	4581.18	5301.91	597.20	1034.37	6316.49	5674.89	7101.10	417.88	723.78
SMU_79_at	1.15	0.87	1.75	0.20	0.35	0.460555	299.18	216.10	398.35	44.18	76.53	252.86	227.17	284.27	16.73	28.97
SMU_790_at	1.02	0.75	1.19	0.15	0.25	0.915094	351.50	225.23	445.40	55.54	96.20	333.75	299.85	375.20	22.08	38.24
SMU_791c_at	0.96	0.50	1.59	0.27	0.48	0.900178	80.82	43.95	111.59	15.71	27.22	78.35	70.39	88.08	5.18	8.98
SMU_793_at	0.91	0.76	1.10	0.12	0.20	0.508612	2907.97	2612.93	3401.42	339.66	588.31	3176.08	2853.46	3570.60	210.12	363.93
SMU_794_at	0.84	0.74	1.01	0.11	0.19	0.247971	2823.84	2385.18	3312.77	360.08	623.68	3339.96	3000.70	3754.84	220.96	382.71
SMU_795_at	0.86	0.65	1.02	0.13	0.22	0.360919	2126.78	1808.60	2458.14	261.70	453.28	2464.05	2213.76	2770.13	163.01	282.35
SMU_796_at	1.01	0.80	1.16	0.13	0.22	0.921938	3295.39	2915.87	3681.75	336.28	582.46	3252.10	2921.76	3656.06	215.15	372.65
SMU_797_at	1.57	1.31	1.76	0.14	0.24	0.006885	1100.83	811.04	1302.80	122.64	212.42	690.88	620.70	776.69	45.71	79.16
SMU_798c_at	1.28	1.01	1.62	0.16	0.27	0.107397	179.34	158.28	203.09	15.74	27.26	139.46	125.29	156.78	9.23	15.98
SMU_799c_at	0.81	0.60	1.02	0.13	0.23	0.250715	359.41	297.67	407.05	46.69	80.87	444.55	399.39	499.76	29.41	50.94
SMU_80_at	0.49	0.43	0.56	0.09	0.16	0.018794	7446.38	6500.25	8437.91	1454.68	2519.58	15290.15	13737.03	17189.43	1011.54	1752.04
SMU_800_at	0.99	0.88	1.06	0.10	0.17	0.942675	3884.48	3695.03	4054.61	367.12	635.86	3928.39	3529.36	4416.36	259.89	450.14
SMU_801_at	1.08	0.90	1.30	0.12	0.21	0.524113	7450.60	7023.41	8058.19	669.60	1159.78	6905.70	6204.24	7763.50	456.86	791.30
SMU_802_at	1.38	1.28	1.49	0.10	0.17	0.012023	5049.10	4924.16	5297.35	348.65	603.88	3685.70	3311.32	4143.52	243.83	422.33
SMU_803c_at	2.15	1.55	2.76	0.28	0.48	0.004037	904.95	730.03	1038.58	75.17	130.19	418.79	376.25	470.81	27.71	47.99
SMU_804_at	1.03	0.90	1.19	0.11	0.19	0.789987	1619.24	1243.56	2061.71	220.09	381.21	1544.53	1387.64	1736.38	102.18	176.98
SMU_805c_at	0.83	0.67	0.97	0.11	0.20	0.243161	10451.40	9480.52	10941.64	1203.87	2085.17	12604.24	11323.95	14169.89	833.85	1444.27
SMU_806c_at	0.72	0.61	0.83	0.10	0.18	0.082107	11356.47	10776.05	11688.17	1457.83	2525.03	15764.50	14163.20	17722.71	1042.92	1806.39
SMU_807_at	1.23	0.86	1.82	0.22	0.38	0.303895	2236.42	1489.64	2890.81	330.18	571.89	1766.38	1586.95	1985.79	116.86	202.40
SMU_809_at	1.10	0.84	1.42	0.15	0.27	0.53356	2498.13	2132.13	2888.07	258.75	448.16	2266.87	2036.61	2548.45	149.97	259.75
SMU_81_at	0.39	0.35	0.46	0.09	0.16	0.014459	4976.64	4048.00	5766.54	1221.01	2114.86	12763.84	11467.33	14349.31	844.41	1462.56
SMU_811_at	1.09	0.91	1.23	0.12	0.20	0.462313	1120.01	1046.52	1237.66	103.07	178.52	1027.99	923.57	1155.69	68.01	117.79
SMU_812_at	1.12	0.95	1.30	0.12	0.20	0.320001	1058.27	976.85	1191.94	98.47	170.55	941.32	845.71	1058.25	62.27	107.86
SMU_813_at	1.07	0.99	1.13	0.10	0.17	0.50075	2994.85	2765.85	3118.86	269.82	467.34	2811.16	2525.61	3160.35	185.98	322.12
SMU_814_at	0.84	0.80	0.88	0.09	0.16	0.184183	3805.54	3572.23	4068.15	428.11	741.50	4542.27	4080.88	5106.50	300.50	520.48
SMU_815_at	0.84	0.82	0.86	0.09	0.16	0.184542	3640.76	3321.50	3967.54	417.68	723.43	4328.88	3889.17	4866.60	286.38	496.03
SMU_816_at	0.68	0.54	0.82	0.11	0.19	0.072954	4930.34	4389.55	5389.62	698.37	1209.61	7288.45	6548.11	8193.79	482.18	835.16
SMU_817_at	0.89	0.86	0.92	0.09	0.16	0.313931	4599.16	4287.39	5012.47	498.33	863.13	5182.86	4656.41	5826.66	342.88	593.88
SMU_818_at	0.96	0.92	1.00	0.09	0.16	0.715723	7696.33	6949.71	8970.20	858.57	1487.09	7969.43	7159.92	8959.36	527.23	913.19
SMU_819c_at	0.98	0.87	1.09	0.10	0.18	0.874873	6854.11	6825.10	6886.94	641.38	1110.90	7004.55	6293.06	7874.63	463.40	802.63
SMU_82_at	0.63	0.49	0.72	0.11	0.19	0.049128	9714.97	8633.23	10432.57	1473.09	2551.47	15519.10	13942.73	17446.82	1026.69	1778.27
SMU_820_at	0.66	0.60	0.71	0.09	0.16	0.041295	5288.04	4877.89	5595.77	750.67	1300.19	8032.19	7216.30	9029.91	531.38	920.38
SMU_821_at	0.78	0.65	0.86	0.11	0.18	0.131458	7507.88	7048.09	7975.73	907.86	1572.46	9698.60	8713.44	10903.32	641.62	1111.32
SMU_822_at	0.83	0.69	0.97	0.11	0.19	0.231324	6758.44	6307.75	7137.21	766.09	1326.90	8156.47	7327.96	9169.63	539.60	934.62
SMU_823_at	0.94	0.84	1.02	0.10	0.17	0.616606	7374.24	6954.47	7774.80	736.15	1275.05	7829.97	7034.63	8802.57	518.00	897.21
SMU_824_at	1.01	0.89	1.12	0.10	0.18	0.952742	8783.59	8703.81	8845.16	802.96	1390.77	8764.94	7874.63	9853.69	579.86	1004.34
SMU_825_at	0.97	0.80	1.06	0.11	0.20	0.788163	6660.29	6194.55	7180.41	663.60	1149.39	6904.12	6202.82	7761.72	456.75	791.12

SMU_826_at	1.01	0.82	1.15	0.12	0.21	0.92878	7387.82	6747.22	7879.60	710.97	1231.43	7321.64	6577.94	8231.11	484.37	838.96
SMU_827_at	1.22	1.11	1.35	0.10	0.18	0.073844	4364.88	3959.47	4693.23	360.54	624.48	3569.97	3207.34	4013.42	236.18	409.07
SMU_828_at	1.30	1.15	1.40	0.11	0.19	0.034389	6951.18	6732.66	7204.15	500.95	867.67	5368.37	4823.07	6035.20	355.15	615.14
SMU_829_at	1.28	1.19	1.33	0.10	0.17	0.031565	8577.41	8000.13	8976.82	650.65	1126.95	6730.31	6046.66	7566.32	445.25	771.20
SMU_83_at	0.63	0.53	0.74	0.10	0.18	0.043067	7505.08	7104.71	7967.89	1111.42	1925.03	11984.30	10766.98	13472.94	792.84	1373.23
SMU_830_at	1.31	1.09	1.47	0.13	0.22	0.04995	7465.85	7019.58	7822.29	551.14	954.61	5737.56	5154.76	6450.26	379.58	657.45
SMU_831_at	1.42	1.26	1.56	0.11	0.19	0.010469	5047.05	4994.21	5088.87	326.37	565.28	3558.46	3197.00	4000.47	235.41	407.75
SMU_832_at	1.21	1.01	1.37	0.12	0.21	0.135547	3790.76	3577.94	3905.45	298.51	517.03	3155.14	2834.65	3547.05	208.73	361.53
SMU_833_at	1.41	1.35	1.52	0.10	0.17	0.008189	7645.55	7245.98	8235.45	541.73	938.31	5441.40	4888.69	6117.31	359.98	623.51
SMU_834_at	1.47	1.28	1.73	0.13	0.23	0.012178	6355.85	6055.90	6753.51	423.88	734.19	4344.71	3903.39	4884.39	287.43	497.84
SMU_835_at	1.09	0.88	1.41	0.14	0.25	0.54746	4056.70	3685.77	4706.10	411.11	712.06	3719.35	3341.55	4181.35	246.06	426.19
SMU_836_at	1.72	1.38	2.51	0.25	0.44	0.019722	1006.31	770.48	1291.46	119.86	207.61	573.19	514.97	644.39	37.92	65.68
SMU_837_at	0.59	0.49	0.67	0.10	0.17	0.03288	1879.05	1772.37	1932.46	295.41	511.66	3200.36	2875.28	3597.90	211.72	366.72
SMU_838_at	1.39	1.06	1.66	0.17	0.29	0.050367	8753.76	7515.10	9384.35	724.67	1255.16	6306.53	5665.94	7089.90	417.22	722.64
SMU_839c_at	0.60	0.54	0.70	0.10	0.17	0.031652	667.71	613.30	705.94	104.86	181.62	1124.89	1010.63	1264.62	74.42	128.90
SMU_84_at	0.84	0.72	0.93	0.10	0.18	0.214845	11317.77	11033.02	11616.99	1248.00	2161.60	13569.75	12191.38	15255.33	897.72	1554.91
SMU_840c_at	0.53	0.46	0.58	0.09	0.16	0.022055	2698.70	2627.19	2804.17	469.50	813.19	5111.51	4592.30	5746.44	338.16	585.71
SMU_841_at	1.32	1.00	1.60	0.16	0.28	0.087001	7647.23	6540.30	8314.58	661.19	1145.22	5799.10	5210.05	6519.44	383.65	664.50
SMU_842_at	1.16	0.84	1.55	0.18	0.31	0.370419	6199.78	5015.82	7348.18	679.41	1176.77	5292.70	4755.09	5950.14	350.15	606.47
SMU_843_at	0.89	0.71	1.04	0.12	0.20	0.416569	4288.46	3879.83	4538.62	466.25	807.57	4837.98	4346.56	5438.94	320.06	554.37
SMU_844_at	0.86	0.73	0.95	0.11	0.18	0.28295	3354.84	3211.90	3512.12	363.19	629.07	3909.96	3512.80	4395.64	258.67	448.03
SMU_845_at	0.93	0.82	1.00	0.10	0.17	0.528419	2962.50	2806.93	3117.50	299.62	518.96	3198.73	2873.81	3596.06	211.62	366.53
SMU_846_at	0.90	0.85	0.96	0.09	0.16	0.359974	9371.67	8330.80	9978.63	1024.60	1774.67	10438.03	9377.77	11734.60	690.54	1196.05
SMU_847c_at	1.15	0.86	1.91	0.24	0.41	0.528114	443.20	334.64	637.63	76.80	133.03	370.72	333.07	416.77	24.53	42.48
SMU_848_at	0.91	0.90	0.94	0.09	0.16	0.40225	11019.48	9751.00	12234.23	1217.56	2108.88	12090.58	10862.46	13592.42	799.87	1385.41
SMU_849_at	0.94	0.87	0.98	0.09	0.16	0.541527	9927.84	9210.92	10428.53	1008.15	1746.17	10639.62	9558.88	11961.23	703.88	1219.15
SMU_85_at	0.89	0.77	0.98	0.10	0.18	0.379638	10865.20	10626.19	11243.54	1125.34	1949.14	12203.12	10963.57	13718.94	807.31	1398.31
SMU_850_at	0.84	0.78	0.89	0.09	0.16	0.200161	3062.65	2833.60	3182.28	342.78	593.70	3638.14	3268.59	4090.06	240.69	416.88
SMU_851_at	1.06	0.94	1.17	0.10	0.18	0.561835	3069.12	3053.82	3092.32	265.51	459.88	2898.78	2604.33	3258.85	191.77	332.16
SMU_852_at	0.62	0.50	0.70	0.11	0.18	0.045511	2836.76	2552.16	3131.97	434.18	752.03	4562.89	4099.40	5129.67	301.86	522.84
SMU_853_at	0.69	0.62	0.77	0.10	0.17	0.054953	2037.87	1848.09	2221.04	280.60	486.01	2949.94	2650.30	3316.37	195.16	338.02
SMU_854_at	0.78	0.64	0.88	0.11	0.19	0.14936	4759.17	4391.48	5091.82	574.70	995.41	6078.77	5461.31	6833.85	402.15	696.54
SMU_855_at	0.60	0.48	0.67	0.10	0.18	0.038728	3096.39	2808.21	3399.46	487.84	844.96	5162.80	4638.38	5804.10	341.55	591.58
SMU_856_at	0.67	0.51	0.80	0.12	0.20	0.07826	1964.38	1672.65	2259.09	291.74	505.31	2906.07	2610.88	3267.05	192.25	333.00
SMU_857_at	1.00	0.85	1.10	0.11	0.19	0.993447	3385.23	3253.71	3532.52	316.57	548.32	3401.12	3055.64	3823.59	225.01	389.72
SMU_858_at	0.97	0.78	1.11	0.12	0.21	0.806574	1379.68	1244.19	1476.81	139.70	241.97	1427.45	1282.45	1604.76	94.43	163.57
SMU_859_at	0.94	0.77	1.09	0.12	0.20	0.664643	5120.88	4695.54	5341.41	520.00	900.67	5437.29	4884.99	6112.69	359.71	623.04
SMU_86_at	0.94	0.87	0.99	0.09	0.16	0.55289	10704.14	10233.10	11226.98	1068.78	1851.17	11460.46	10296.34	12884.03	758.18	1313.21
SMU_860_at	1.11	0.88	1.31	0.13	0.23	0.426819	6191.41	5536.09	6588.45	561.87	973.20	5582.82	5015.74	6276.29	369.34	639.71
SMU_862_at	0.87	0.61	1.09	0.15	0.25	0.438654	4168.36	2781.04	5658.47	725.24	1256.15	4629.99	4159.69	5205.11	306.30	530.53
SMU_863_at	0.92	0.65	1.10	0.15	0.26	0.620507	3984.05	2689.65	5113.22	629.82	1090.87	4209.62	3782.02	4732.52	278.49	482.36
SMU_864_at	0.94	0.69	1.14	0.14	0.24	0.68071	4512.01	3165.23	5984.80	718.82	1245.04	4678.84	4203.58	5260.02	309.53	536.13
SMU_865_at	0.79	0.75	0.86	0.09	0.16	0.120441	4613.52	4037.35	5594.10	632.78	1096.00	5769.56	5183.51	6486.23	381.69	661.11
SMU_866_at	0.87	0.82	0.93	0.09	0.16	0.263992	2706.57	2263.49	3231.01	346.13	599.51	3089.01	2775.24	3472.71	204.36	353.96
SMU_867_at	1.12	1.09	1.15	0.09	0.16	0.232603	4164.67	3850.19	4550.09	370.30	641.37	3721.57	3343.55	4183.85	246.21	426.44
SMU_868_at	1.15	1.02	1.32	0.11	0.19	0.205387	3483.01	3363.08	3600.99	281.53	487.62	3029.05	2721.37	3405.30	200.39	347.09
SMU_869_at	0.85	0.69	1.04	0.12	0.20	0.300797	4549.47	4154.88	4999.29	520.33	901.23	5358.49	4814.20	6024.10	354.50	614.01
SMU_87_at	0.78	0.67	0.93	0.11	0.18	0.140112	6789.62	6562.03	7224.16	810.50	1403.83	8692.66	7809.69	9772.43	575.07	996.06
SMU_870_at	1.55	1.29	2.05	0.18	0.32	0.020323	4753.99	4211.32	5623.83	418.23	724.39	3058.53	2747.86	3438.45	202.34	350.47
SMU_871_at	1.48	1.09	2.04	0.22	0.37	0.053444	4953.03	4086.54	6100.70	521.04	902.46	3323.30	2985.73	3736.11	219.86	380.80

SMU_872_at	1.20	0.83	1.67	0.20	0.35	0.324189	4383.65	3360.07	5383.57	528.16	914.80	3594.35	3229.25	4040.83	237.79	411.86
SMU_873_at	0.73	0.53	0.91	0.13	0.22	0.147839	475.49	385.43	528.83	67.10	116.21	644.03	578.61	724.03	42.61	73.80
SMU_874_at	0.67	0.44	0.87	0.14	0.25	0.122264	487.61	355.20	604.88	82.97	143.71	714.78	642.17	803.56	47.29	81.90
SMU_876c_at	0.54	0.44	0.69	0.10	0.18	0.031138	276.80	256.24	316.35	48.96	84.80	512.46	460.40	576.11	33.90	58.72
SMU_877_at	0.93	0.77	1.10	0.11	0.20	0.576182	1449.65	1361.04	1549.34	148.49	257.19	1566.09	1407.01	1760.62	103.61	179.45
SMU_878_at	1.20	1.14	1.28	0.10	0.16	0.079554	1150.15	1101.57	1231.83	92.52	160.26	959.54	862.07	1078.73	63.48	109.95
SMU_879_at	1.09	0.91	1.20	0.11	0.20	0.469304	1860.08	1764.83	1970.65	162.82	282.01	1717.26	1542.82	1930.57	113.61	196.77
SMU_880_at	1.40	1.31	1.47	0.10	0.17	0.00853	1843.69	1680.38	1951.89	134.72	233.35	1324.35	1189.83	1488.86	87.61	151.75
SMU_881_at	1.53	1.33	1.67	0.12	0.21	0.005299	3739.22	3672.66	3867.19	228.61	395.96	2447.68	2199.05	2751.72	161.93	280.47
SMU_882_at	1.53	1.29	1.67	0.13	0.22	0.00735	3291.59	3142.93	3484.13	210.40	364.42	2162.04	1942.43	2430.60	143.03	247.74
SMU_883_at	1.38	1.05	1.69	0.17	0.29	0.055969	2383.52	2042.23	2616.28	200.42	347.14	1725.87	1550.56	1940.25	114.18	197.76
SMU_885c_at	0.42	0.36	0.50	0.09	0.16	0.015933	1055.08	1001.71	1136.36	234.87	406.81	2545.63	2287.05	2861.84	168.41	291.69
SMU_886_at	0.69	0.58	0.79	0.10	0.18	0.064426	573.12	541.39	595.37	77.24	133.78	834.24	749.50	937.86	55.19	95.59
SMU_887_at	0.87	0.73	1.02	0.11	0.19	0.321394	961.57	908.35	1024.02	104.65	181.26	1113.09	1000.03	1251.35	73.64	127.54
SMU_888_at	1.19	1.07	1.37	0.11	0.19	0.125171	3274.95	3111.16	3393.32	258.81	448.27	2750.55	2471.16	3092.22	181.97	315.18
SMU_889_at	0.81	0.72	0.90	0.10	0.17	0.155391	5329.07	5317.83	5350.04	605.56	1048.86	6614.16	5942.31	7435.74	437.57	757.89
SMU_88c_at	0.42	0.30	0.53	0.11	0.18	0.023224	1109.53	894.75	1262.93	254.44	440.71	2644.72	2376.08	2973.23	174.96	303.05
SMU_890_at	0.92	0.87	0.98	0.09	0.16	0.459436	839.02	801.93	889.10	85.69	148.42	914.23	821.37	1027.80	60.48	104.76
SMU_891_at	1.11	1.02	1.24	0.10	0.18	0.296086	1402.05	1355.03	1449.18	117.19	202.97	1262.71	1134.45	1419.56	83.54	144.69
SMU_892_at	1.26	1.14	1.43	0.11	0.19	0.055171	2472.65	2367.79	2529.25	184.04	318.76	1968.99	1768.99	2213.57	130.26	225.62
SMU_893_at	1.31	1.24	1.42	0.10	0.17	0.022136	2291.59	2128.62	2515.66	179.94	311.67	1750.12	1572.34	1967.51	115.78	200.54
SMU_895_at	0.50	0.48	0.53	0.09	0.16	0.016987	1081.28	956.36	1162.13	202.77	351.20	2160.11	1940.69	2428.43	142.90	247.52
SMU_896_at	0.43	0.37	0.52	0.09	0.16	0.016907	1071.46	812.51	1230.60	241.28	417.91	2434.87	2187.54	2737.32	161.08	279.00
SMU_897_at	0.62	0.50	0.72	0.11	0.18	0.047023	2887.11	2579.99	3253.65	446.21	772.86	4631.13	4160.71	5206.39	306.38	530.66
SMU_898_at	0.84	0.80	0.89	0.09	0.16	0.180611	5100.25	4390.79	5631.92	614.77	1064.81	6079.85	5462.28	6835.06	402.22	696.67
SMU_899_at	0.87	0.78	0.94	0.10	0.17	0.282681	4931.59	4637.72	5200.82	532.76	922.78	5681.65	5104.53	6387.40	375.88	651.04
SMU_89c_at	0.73	0.55	0.99	0.13	0.23	0.149891	1356.38	1134.97	1641.48	199.11	344.86	1842.33	1655.19	2071.17	121.88	211.10
SMU_900_at	0.86	0.76	0.91	0.10	0.17	0.242045	7275.08	6969.87	7561.14	790.36	1368.94	8531.69	7665.07	9591.47	564.43	977.61
SMU_901_at	1.16	0.92	1.35	0.13	0.23	0.273145	4351.47	3901.19	4581.10	379.77	657.78	3766.18	3383.62	4234.00	249.16	431.55
SMU_902_at	1.17	0.94	1.34	0.13	0.23	0.238266	3916.59	3561.65	4126.32	333.13	576.99	3367.68	3025.60	3786.00	222.79	385.89
SMU_905_at	1.74	1.27	2.16	0.22	0.39	0.012149	3142.15	2559.25	3485.84	264.62	458.33	1798.06	1615.42	2021.40	118.95	206.03
SMU_906_at	1.48	1.13	1.77	0.17	0.30	0.027742	4011.25	3448.42	4301.78	318.25	551.22	2712.64	2437.10	3049.59	179.46	310.83
SMU_909_at	1.24	0.94	1.48	0.15	0.27	0.157597	2581.81	2210.35	2774.21	231.40	400.80	2080.89	1869.52	2339.37	137.66	238.44
SMU_91_at	0.84	0.76	0.95	0.10	0.17	0.201857	6738.93	6412.21	6939.11	749.09	1297.47	8082.95	7261.91	9086.98	534.74	926.19
SMU_910_at	1.37	1.13	1.52	0.13	0.23	0.029634	4368.11	4082.17	4660.33	316.04	547.39	3202.33	2877.05	3600.11	211.85	366.94
SMU_911c_at	0.78	0.53	1.04	0.15	0.26	0.267396	3793.25	2842.42	4463.97	556.75	964.32	4768.86	4284.45	5361.23	315.49	546.44
SMU_913_at	0.69	0.56	0.82	0.11	0.19	0.070857	4998.00	4612.81	5377.15	684.56	1185.70	7280.79	6541.23	8185.18	481.67	834.28
SMU_914c_at	1.50	1.27	2.01	0.18	0.32	0.029279	2064.78	1762.20	2471.33	195.13	337.98	1371.85	1232.50	1542.25	90.76	157.19
SMU_915c_at	1.23	1.16	1.38	0.10	0.18	0.065898	4159.34	3874.79	4414.97	328.78	569.46	3381.48	3038.00	3801.51	223.71	387.47
SMU_916c_at	1.30	1.13	1.57	0.13	0.22	0.054837	7542.20	7109.97	8167.81	577.47	1000.20	5802.37	5212.98	6523.11	383.86	664.87
SMU_917c_at	1.26	1.16	1.48	0.12	0.20	0.066915	4731.44	4277.01	4999.73	380.69	659.38	3765.45	3382.97	4233.18	249.11	431.47
SMU_919c_at	1.41	1.17	1.79	0.16	0.27	0.036603	2782.68	2567.89	3174.41	228.06	395.01	1977.33	1776.48	2222.95	130.81	226.57
SMU_921_at	1.18	1.11	1.28	0.10	0.17	0.110832	3853.63	3535.56	4273.93	336.46	582.77	3262.05	2930.70	3667.25	215.81	373.79
SMU_922_at	1.06	0.78	1.42	0.16	0.28	0.721152	5799.14	4770.21	6948.25	668.28	1157.49	5430.15	4878.57	6104.66	359.24	622.22
SMU_923_at	1.02	0.77	1.33	0.15	0.26	0.921411	4942.82	4214.43	5788.84	549.55	951.84	4848.08	4355.63	5450.29	320.73	555.52
SMU_924_at	1.42	1.23	1.61	0.12	0.21	0.01519	10354.36	10108.89	10612.77	679.51	1176.94	7336.69	6591.46	8248.03	485.37	840.68
SMU_925_at	1.28	1.18	1.35	0.10	0.17	0.032544	4848.64	4470.16	5051.15	372.96	645.99	3802.24	3416.02	4274.54	251.54	435.68
SMU_926_at	0.97	0.81	1.07	0.11	0.19	0.783823	4052.05	3803.04	4379.86	403.21	698.38	4201.35	3774.59	4723.23	277.95	481.42
SMU_927_at	1.08	0.90	1.19	0.12	0.20	0.494466	4632.52	4349.53	4983.53	414.05	717.15	4288.06	3852.49	4820.70	283.68	491.35
SMU_928_at	0.96	0.73	1.17	0.14	0.24	0.811698	1712.74	1453.21	1860.13	186.49	323.01	1771.68	1591.72	1991.75	117.21	203.01

SMU_929c_at	1.18	1.02	1.34	0.11	0.19	0.162862	6638.81	6528.02	6809.79	522.59	905.15	5668.89	5093.07	6373.06	375.03	649.58
SMU_930c_at	0.06	0.04	0.08	0.06	0.10	0.014974	181.25	135.57	247.69	282.72	489.68	3077.00	2764.45	3459.21	203.56	352.58
SMU_932_at	0.36	0.28	0.45	0.10	0.17	0.0168	866.64	585.48	1036.84	237.33	411.07	2350.36	2111.62	2642.31	155.49	269.32
SMU_933_at	0.40	0.32	0.50	0.10	0.17	0.018004	721.62	499.20	849.86	178.44	309.07	1748.06	1570.50	1965.19	115.65	200.30
SMU_934_at	0.33	0.29	0.41	0.09	0.16	0.013974	1080.58	882.94	1301.16	308.47	534.29	3236.68	2907.91	3638.73	214.13	370.88
SMU_935_at	0.37	0.32	0.45	0.09	0.16	0.014921	622.49	522.78	746.68	161.04	278.92	1684.04	1512.98	1893.23	111.41	192.97
SMU_936_at	0.42	0.38	0.47	0.09	0.16	0.014446	564.40	511.33	611.13	123.52	213.94	1330.48	1195.33	1495.74	88.02	152.45
SMU_937_at	1.18	0.90	1.44	0.15	0.26	0.256209	5925.20	5081.02	6493.30	549.94	952.52	5003.24	4495.03	5624.72	331.00	573.30
SMU_938_at	1.36	1.06	1.58	0.15	0.27	0.053897	3287.45	2880.38	3541.95	265.44	459.76	2425.65	2179.26	2726.96	160.47	277.95
SMU_939_at	1.30	1.04	1.70	0.16	0.28	0.106078	2585.57	2316.94	3034.11	242.01	419.17	1987.00	1785.17	2233.82	131.45	227.68
SMU_940c_at	0.44	0.37	0.62	0.11	0.19	0.025791	5036.28	3717.14	6794.88	1211.98	2099.21	11193.32	10056.34	12583.71	740.51	1282.60
SMU_941c_at	0.44	0.37	0.58	0.10	0.18	0.02184	5440.95	4025.75	6969.25	1269.72	2199.21	12210.41	10970.12	13727.14	807.80	1399.14
SMU_942c_at	0.90	0.69	1.15	0.13	0.23	0.528328	7187.17	6194.12	8175.97	831.10	1439.51	7930.22	7124.70	8915.28	524.63	908.69
SMU_943c_at	0.83	0.65	0.98	0.12	0.20	0.246921	7422.71	6599.20	7933.85	874.27	1514.29	8993.84	8080.27	10111.02	595.00	1030.57
SMU_944_at	0.97	0.78	1.15	0.12	0.21	0.817779	6093.63	5511.95	6517.83	614.39	1064.15	6295.91	5656.39	7077.96	416.51	721.42
SMU_946_at	0.81	0.65	0.97	0.12	0.20	0.21485	4735.42	4242.47	5111.96	565.07	978.73	5842.73	5249.24	6568.49	386.53	669.50
SMU_947_at	0.93	0.84	0.99	0.10	0.17	0.548225	10348.88	9854.55	10737.17	1034.70	1792.15	11122.06	9992.32	12503.60	735.79	1274.43
SMU_948_at	1.08	0.93	1.19	0.11	0.19	0.4909	5140.87	3928.33	6281.58	645.41	1117.87	4700.31	4222.87	5284.17	310.96	538.59
SMU_949_at	0.88	0.72	1.06	0.12	0.20	0.399163	10284.69	9403.47	11084.84	1121.86	1943.11	11662.52	10477.88	13111.20	771.55	1336.36
SMU_950_at	1.06	0.89	1.25	0.12	0.20	0.637303	8009.50	7629.91	8526.03	720.65	1248.19	7595.56	6824.03	8539.05	502.49	870.35
SMU_951_at	1.41	1.07	1.94	0.20	0.35	0.068878	1755.12	1478.31	2145.68	181.36	314.13	1231.85	1106.72	1384.86	81.49	141.15
SMU_952_at	0.98	0.76	1.21	0.13	0.23	0.89961	1751.67	1527.09	1936.54	183.90	318.53	1782.75	1601.67	2004.20	117.94	204.28
SMU_953c_at	0.57	0.51	0.61	0.09	0.16	0.023833	1735.04	1612.21	1824.02	284.52	492.81	3069.02	2757.28	3450.24	203.04	351.67
SMU_954_at	0.92	0.87	0.95	0.09	0.16	0.447204	10538.74	9833.31	11275.75	1092.60	1892.43	11492.48	10325.11	12920.03	760.30	1316.88
SMU_955_at	1.02	0.98	1.05	0.09	0.16	0.857727	10869.89	10151.18	11742.00	1034.36	1791.57	10710.98	9623.00	12041.46	708.60	1227.33
SMU_956c_at	1.93	1.67	2.36	0.17	0.29	0.001713	4746.63	4367.12	5228.27	288.59	499.85	2468.77	2218.00	2775.43	163.32	282.89
SMU_957_at	1.00	0.96	1.04	0.09	0.16	0.987693	8377.87	7805.71	9072.48	811.19	1405.02	8385.20	7533.46	9426.78	554.73	960.83
SMU_958_s_at	1.06	0.93	1.20	0.11	0.19	0.599975	13144.16	12983.67	13406.21	1144.93	1983.07	12464.56	11198.46	14012.86	824.61	1428.27
SMU_959c_at	1.53	1.14	2.63	0.32	0.55	0.105478	200.58	139.74	295.31	35.82	62.05	125.04	112.34	140.57	8.27	14.33
SMU_96_at	0.61	0.59	0.66	0.09	0.16	0.029252	4840.61	4125.09	5816.03	800.55	1386.60	7825.97	7031.04	8798.08	517.74	896.75
SMU_960_at	0.96	0.89	1.07	0.10	0.17	0.726525	4652.47	4421.48	4860.96	453.15	784.87	4851.07	4358.32	5453.65	320.93	555.87
SMU_961_at	0.41	0.33	0.49	0.10	0.17	0.017336	1447.06	1301.11	1666.90	329.42	570.57	3493.00	3138.19	3926.89	231.08	400.25
SMU_962_at	0.37	0.27	0.44	0.10	0.18	0.019581	1684.68	1350.17	1921.31	429.40	743.73	4498.33	4041.40	5057.09	297.59	515.45
SMU_963c_at	0.63	0.55	0.71	0.10	0.17	0.037637	5296.83	5215.07	5435.49	776.27	1344.53	8462.22	7602.65	9513.36	559.83	969.65
SMU_965_at	1.15	0.94	1.31	0.13	0.22	0.264898	8114.10	7419.96	8602.07	693.57	1201.30	7057.98	6341.06	7934.70	466.93	808.75
SMU_966_at	1.21	0.94	1.43	0.15	0.25	0.184658	7868.20	6853.67	8401.27	694.51	1202.93	6495.22	5835.45	7302.02	429.70	744.26
SMU_967_at	1.42	1.13	1.66	0.15	0.26	0.030007	5473.51	4883.79	5778.69	410.21	710.50	3858.56	3466.62	4337.86	255.27	442.14
SMU_968_at	0.99	0.84	1.10	0.11	0.19	0.913065	6785.33	6507.89	7007.75	640.05	1108.59	6898.67	6197.93	7755.59	456.39	790.49
SMU_969_at	0.98	0.77	1.18	0.13	0.22	0.857179	9000.81	7965.25	9804.71	928.67	1608.50	9234.70	8296.67	10381.79	610.93	1058.17
SMU_97_at	1.20	1.03	1.38	0.12	0.20	0.134726	5088.11	4943.73	5287.60	396.86	687.37	4261.28	3828.43	4790.59	281.91	488.28
SMU_970_at	0.99	0.92	1.06	0.10	0.17	0.938195	6001.66	5438.94	6293.16	589.52	1021.08	6061.53	5445.82	6814.47	401.01	694.57
SMU_971_at	1.04	0.82	1.21	0.13	0.22	0.783398	3721.61	3300.75	3952.19	361.05	625.35	3592.15	3227.27	4038.35	237.64	411.61
SMU_972_at	0.96	0.77	1.12	0.12	0.21	0.741172	5296.52	4815.79	5577.83	535.72	927.90	5546.49	4983.10	6235.46	366.94	635.55
SMU_973_at	1.03	0.86	1.18	0.11	0.20	0.798074	7593.40	7189.12	7823.79	692.02	1198.61	7394.98	6643.83	8313.56	489.22	847.36
SMU_974_at	1.13	0.95	1.27	0.12	0.20	0.304884	4044.45	3855.73	4178.79	336.85	583.44	3602.19	3236.29	4049.64	238.31	412.76
SMU_975_at	1.19	0.97	1.41	0.13	0.23	0.192393	2990.31	2746.12	3196.50	248.98	431.24	2523.17	2266.88	2836.59	166.92	289.12
SMU_976_at	1.14	0.97	1.31	0.12	0.20	0.284033	3411.93	3275.13	3562.52	282.41	489.14	3017.01	2710.55	3391.77	199.59	345.71
SMU_977_at	1.08	1.06	1.12	0.09	0.16	0.397007	1235.76	1082.65	1381.06	120.90	209.41	1140.39	1024.56	1282.05	75.44	130.67
SMU_978_at	1.15	0.93	1.51	0.15	0.26	0.327267	1531.38	1386.30	1795.72	153.03	265.05	1322.31	1187.99	1486.56	87.48	151.52
SMU_980_at	1.04	0.86	1.31	0.13	0.23	0.774273	368.09	294.52	414.47	41.59	72.03	351.84	316.10	395.55	23.28	40.32

SMU_981_at	0.51	0.46	0.59	0.09	0.16	0.020367	144.92	127.99	154.32	26.90	46.59	286.38	257.29	321.95	18.95	32.82
SMU_982_at	0.50	0.48	0.51	0.09	0.16	0.016401	69.17	64.67	75.11	13.00	22.52	139.89	125.68	157.27	9.25	16.03
SMU_983c_at	0.55	0.42	0.65	0.11	0.19	0.035465	1294.36	1102.65	1394.11	226.13	391.67	2356.43	2117.07	2649.13	155.89	270.01
SMU_984_at	0.42	0.37	0.47	0.09	0.16	0.014588	1913.92	1642.63	2194.15	431.60	747.56	4551.13	4088.84	5116.45	301.09	521.50
SMU_985_at	0.48	0.43	0.55	0.09	0.16	0.017899	2192.62	1914.44	2383.25	433.20	750.32	4602.61	4135.10	5174.33	304.49	527.40
SMU_986c_at	0.96	0.80	1.09	0.11	0.20	0.773566	496.06	361.89	585.85	66.93	115.93	505.73	454.36	568.55	33.46	57.95
SMU_987_at	0.75	0.61	0.85	0.11	0.19	0.112469	6869.87	6264.62	7650.83	889.58	1540.79	9187.34	8254.12	10328.56	607.80	1052.74
SMU_988_at	0.95	0.86	1.03	0.10	0.17	0.645464	4022.87	3680.21	4288.44	408.68	707.85	4242.62	3811.67	4769.62	280.68	486.15
SMU_989_at	0.90	0.70	1.05	0.12	0.22	0.495816	8225.54	7189.75	8888.11	912.67	1580.78	9108.69	8183.46	10240.13	602.60	1043.73
SMU_99_at	0.93	0.81	1.02	0.10	0.18	0.561162	10515.45	10331.99	10872.93	1043.23	1806.92	11311.40	10162.43	12716.46	748.32	1296.13
SMU_990_at	0.79	0.56	0.95	0.14	0.24	0.241065	2783.45	2200.13	3185.74	383.04	663.44	3491.04	3136.43	3924.68	230.95	400.02
SMU_991_at	1.27	1.06	1.49	0.13	0.22	0.07426	7775.84	7337.22	8225.18	589.86	1021.67	6131.28	5508.48	6892.88	405.62	702.56
SMU_992_at	1.14	0.92	1.27	0.13	0.22	0.308694	4114.76	3740.43	4479.27	364.25	630.89	3621.45	3253.60	4071.29	239.58	414.97
SMU_993_at	1.04	0.92	1.12	0.10	0.18	0.734404	6703.41	6284.34	7124.44	618.28	1070.89	6488.61	5829.52	7294.60	429.26	743.50
SMU_994_at	1.08	0.95	1.16	0.10	0.18	0.463997	4738.88	4596.81	4922.33	408.73	707.94	4402.34	3955.17	4949.19	291.24	504.45
SMU_995_at	0.56	0.49	0.67	0.10	0.17	0.027961	2583.23	2152.32	3038.48	460.17	797.04	4620.99	4151.60	5194.99	305.71	529.50
SMU_996_at	0.59	0.48	0.65	0.10	0.18	0.035212	3024.78	2768.86	3280.89	482.29	835.36	5142.99	4620.58	5781.83	340.24	589.32
SMU_997_at	0.65	0.61	0.70	0.09	0.16	0.037177	4210.57	3795.58	4442.87	609.10	1054.99	6456.47	5800.64	7258.47	427.14	739.82
SMU_998_at	0.70	0.69	0.72	0.09	0.16	0.049468	1895.49	1741.63	2087.12	257.87	446.64	2705.41	2430.60	3041.47	178.98	310.00
SMU_999_at	0.66	0.45	0.93	0.14	0.24	0.116116	616.79	353.09	910.03	139.27	241.22	871.32	782.81	979.55	57.64	99.84

Mn-deprived

Normalized	Min	Norma	Max	Norm	StdErr	Nor	StdDev	No	t-test	P-val	Flags	Raw	Min Raw	Max Raw	StdErr	Raw	StdDev	Ra	Control	Min	Contro	Max	Contr	StdErr	Cor	StdDev	Control
1.12	0.94	1.50	0.19	0.33	0.525856							11.70	9.89	13.22	1.68	2.91	10.43	8.82	11.98	0.91	1.58						
1.08	1.00	1.28	0.16	0.28	0.613499							8.62	8.05	9.17	1.22	2.12	8.01	6.78	9.20	0.70	1.21						
1.08	0.92	1.36	0.17	0.30	0.662647							11.54	10.83	12.39	1.61	2.79	10.78	9.12	12.38	0.94	1.63						
1.02	0.91	1.16	0.16	0.27	0.905302							7.85	7.63	8.12	1.17	2.03	7.76	6.56	8.91	0.68	1.18						
1.02	0.85	1.26	0.17	0.29	0.893241							10.21	9.84	10.69	1.49	2.58	10.05	8.50	11.54	0.88	1.52						
1.00	0.88	1.15	0.16	0.27	0.982721							8.11	7.89	8.26	1.22	2.11	8.14	6.89	9.35	0.71	1.23						
0.98	0.87	1.07	0.15	0.26	0.882259							8.59	7.68	10.11	1.42	2.45	8.80	7.44	10.11	0.77	1.33						
1.01	0.86	1.22	0.17	0.29	0.936015							8.78	8.57	8.99	1.30	2.25	8.72	7.38	10.02	0.76	1.32						
0.98	0.85	1.09	0.16	0.27	0.884429							7.83	7.47	8.12	1.22	2.11	8.08	6.83	9.28	0.71	1.22						
1.14	0.82	1.78	0.25	0.43	0.581569							1802.76	1279.49	2344.22	310.41	537.65	1553.24	1313.98	1784.58	135.91	235.40						
1.04	0.73	1.52	0.22	0.39	0.874118							2974.04	2063.31	3625.56	520.76	901.98	2814.11	2380.63	3233.24	246.23	426.48						
1.08	0.81	1.54	0.21	0.37	0.7152							2481.18	1855.76	2971.71	399.54	692.02	2276.95	1926.22	2616.08	199.23	345.08						
0.96	0.79	1.11	0.16	0.28	0.800949							8.89	8.48	9.41	1.40	2.42	9.36	7.92	10.76	0.82	1.42						
1.03	0.83	1.33	0.18	0.32	0.857783							8.62	8.02	9.42	1.29	2.23	8.39	7.10	9.64	0.73	1.27						
1.00	0.90	1.11	0.15	0.26	0.999717							10.20	9.61	10.66	1.53	2.64	10.27	8.69	11.80	0.90	1.56						
1.47	0.91	3.48	0.52	0.91	0.307747							70.13	38.40	123.68	19.97	34.58	42.04	35.56	48.30	3.68	6.37						
1.10	0.80	1.64	0.23	0.40	0.673303							195.22	141.07	243.39	32.63	56.52	175.12	148.15	201.21	15.32	26.54						
1.26	0.95	2.10	0.29	0.49	0.35141							181.36	133.71	249.33	31.76	55.00	140.17	118.58	161.05	12.26	21.24						
1.18	0.95	1.71	0.22	0.38	0.42328							289.42	233.50	353.96	42.77	74.08	244.39	206.75	280.79	21.38	37.04						
1.09	0.80	1.59	0.22	0.38	0.695079							431.62	316.70	528.14	70.89	122.79	391.67	331.34	450.01	34.27	59.36						
1.22	0.90	1.99	0.27	0.47	0.414186							247.97	180.95	334.38	42.82	74.16	198.96	168.31	228.59	17.41	30.15						
0.98	0.78	1.22	0.17	0.30	0.918213							1548.41	1226.27	1803.49	254.11	440.12	1569.70	1327.91	1803.49	137.35	237.89						
0.98	0.78	1.20	0.17	0.29	0.902911							2818.85	2252.90	3295.72	462.27	800.67	2868.49	2426.64	3295.72	250.99	434.72						
0.95	0.78	1.10	0.16	0.27	0.773494							2370.99	1949.22	2852.36	399.76	692.41	2482.60	2100.19	2852.36	217.22	376.24						
0.98	0.82	1.16	0.16	0.28	0.909382							211.85	177.10	247.76	33.98	58.85	215.64	182.43	247.76	18.87	32.68						
1.11	0.94	1.44	0.18	0.31	0.556176							190.90	163.56	210.68	26.58	46.05	172.73	146.12	198.45	15.11	26.18						
1.27	0.98	2.09	0.28	0.49	0.328146							217.01	163.96	295.13	36.92	63.95	167.07	141.33	191.95	14.62	25.32						
1.47	0.92	3.45	0.52	0.90	0.299442							136.37	76.02	239.03	38.31	66.35	81.88	69.27	94.07	7.16	12.41						
1.02	0.79	1.34	0.18	0.32	0.91156							984.17	765.44	1101.08	157.08	272.07	958.35	810.73	1101.08	83.85	145.24						
1.03	0.85	1.29	0.17	0.30	0.860155							183.36	151.44	204.24	27.83	48.20	177.77	150.38	204.24	15.55	26.94						
1.12	0.84	1.67	0.23	0.39	0.591395							889.74	664.34	1105.09	143.47	248.50	783.16	662.52	899.80	68.53	118.69						
1.17	0.87	1.83	0.25	0.43	0.496964							813.62	597.67	1056.79	135.67	234.98	684.45	579.02	786.39	59.89	103.73						
1.12	0.81	1.74	0.24	0.42	0.608504							775.07	552.04	996.59	132.40	229.32	675.91	571.80	776.58	59.14	102.44						
1.10	0.95	1.41	0.18	0.31	0.569147							12.50	11.45	13.56	1.72	2.98	11.40	9.64	13.09	1.00	1.73						
1.18	0.91	1.82	0.24	0.42	0.452178							23.90	18.15	30.65	3.85	6.68	19.94	16.87	22.91	1.74	3.02						
0.99	0.76	1.28	0.18	0.32	0.960538							14.62	12.95	16.03	2.24	3.88	14.82	12.54	17.03	1.30	2.25						
0.96	0.74	1.18	0.18	0.31	0.819373							10.90	9.73	11.50	1.72	2.98	11.44	9.68	13.14	1.00	1.73						
1.11	0.94	1.44	0.18	0.32	0.564501							13.12	11.98	14.51	1.82	3.15	11.92	10.08	13.69	1.04	1.81						
1.03	0.91	1.18	0.16	0.27	0.872697							10.24	10.07	10.54	1.48	2.57	10.06	8.51	11.56	0.88	1.52						
1.07	0.96	1.28	0.16	0.28	0.667865							10.68	10.09	11.07	1.49	2.59	10.04	8.49	11.54	0.88	1.52						
0.99	0.79	1.22	0.17	0.30	0.935562							10.62	9.81	11.16	1.62	2.80	10.85	9.18	12.46	0.95	1.64						
1.02	0.82	1.32	0.18	0.32	0.898109							9.02	8.30	9.86	1.35	2.34	8.85	7.49	10.17	0.77	1.34						
1.22	0.99	1.85	0.24	0.41	0.350259							666.36	534.89	844.78	100.94	174.84	539.11	456.06	619.40	47.17	81.70						
1.09	0.78	1.65	0.23	0.40	0.697863							958.64	678.81	1206.54	163.87	283.83	862.16	729.36	990.57	75.44	130.66						
1.13	0.83	1.73	0.24	0.41	0.579018							935.93	682.15	1191.28	155.74	269.75	813.24	687.97	934.36	71.16	123.25						
1.02	0.91	1.18	0.16	0.27	0.880068							9.75	9.54	10.07	1.42	2.46	9.59	8.11	11.01	0.84	1.45						

1.10	0.91	1.45	0.19	0.32	0.605309	10.71	9.84	11.99	1.52	2.63	9.79	8.28	11.25	0.86	1.48
0.98	0.84	1.13	0.16	0.27	0.907595	13.70	13.41	14.14	2.05	3.54	14.07	11.90	16.17	1.23	2.13
1.02	0.87	1.24	0.17	0.29	0.890762	7.51	7.35	7.76	1.12	1.94	7.39	6.25	8.49	0.65	1.12
1.00	0.86	1.16	0.16	0.28	0.992121	7.43	7.38	7.54	1.13	1.96	7.50	6.35	8.62	0.66	1.14
0.98	0.78	1.19	0.17	0.30	0.897238	8.10	7.53	8.39	1.26	2.19	8.34	7.06	9.59	0.73	1.26
0.97	0.74	1.22	0.18	0.31	0.860877	11.13	9.82	11.96	1.75	3.04	11.57	9.79	13.29	1.01	1.75
0.96	0.81	1.11	0.16	0.28	0.827123	7.59	7.35	7.98	1.20	2.08	7.94	6.72	9.12	0.69	1.20
1.01	0.85	1.22	0.17	0.29	0.951223	10.10	9.81	10.38	1.49	2.58	10.07	8.52	11.57	0.88	1.53
1.01	0.74	1.39	0.20	0.35	0.975605	8265.80	6928.40	9623.00	1293.00	2239.54	8204.20	6940.46	9426.13	717.85	1243.36
1.01	0.85	1.20	0.16	0.28	0.970982	7979.44	7772.08	8133.76	1142.40	1978.69	7991.76	6760.74	9182.04	699.27	1211.16
0.94	0.56	1.50	0.26	0.45	0.825791	1530.50	1007.01	1998.16	303.31	525.35	1578.30	1335.18	1813.37	138.10	239.19
0.97	0.85	1.06	0.15	0.26	0.825622	3813.34	2792.23	4737.25	683.19	1183.32	3890.69	3291.39	4470.17	340.43	589.64
0.84	0.42	1.41	0.29	0.51	0.613706	1035.21	366.22	1692.19	308.80	534.86	1041.91	881.42	1197.09	91.17	157.90
0.96	0.61	1.45	0.24	0.41	0.871296	1399.95	676.71	2199.90	364.23	630.87	1316.53	1113.74	1512.61	115.19	199.52
0.98	0.91	1.03	0.14	0.25	0.882083	4658.09	4165.89	4996.39	705.68	1222.27	4787.59	4050.13	5500.65	418.91	725.57
1.00	0.79	1.27	0.18	0.30	0.99387	4278.83	3899.07	4619.69	630.27	1091.66	4295.84	3634.13	4935.66	375.88	651.04
1.56	0.95	4.02	0.61	1.06	0.277054	866.43	324.30	1868.18	359.24	622.22	404.76	342.41	465.05	35.42	61.34
0.96	0.83	1.06	0.15	0.26	0.795068	249.06	233.82	262.94	37.79	65.45	261.60	221.31	300.57	22.89	39.65
0.96	0.76	1.15	0.17	0.29	0.817787	70.94	46.19	94.79	14.23	24.65	71.46	60.45	82.10	6.25	10.83
0.97	0.58	1.56	0.26	0.46	0.901959	5423.86	3624.95	7175.64	1062.23	1839.83	5443.26	4604.80	6253.97	476.28	824.93
0.97	0.79	1.14	0.16	0.28	0.840829	3006.67	2846.06	3151.49	451.57	782.15	3135.51	2652.53	3602.51	274.35	475.19
0.65	0.25	1.07	0.32	0.55	0.363573	847.97	222.40	1277.04	270.44	468.42	1039.17	879.10	1193.95	90.93	157.49
0.98	0.84	1.13	0.15	0.27	0.918452	6150.96	5220.94	8010.25	1098.62	1902.86	6171.58	5220.94	7090.77	540.00	935.31
0.92	0.72	1.09	0.17	0.29	0.668195	693.35	532.66	923.26	134.27	232.57	737.76	624.12	847.64	64.55	111.81
1.20	0.99	1.72	0.22	0.38	0.37175	1348.39	887.47	2094.64	306.03	530.05	1057.68	894.76	1215.21	92.55	160.29
0.88	0.58	1.16	0.20	0.35	0.587653	4162.17	3129.61	5413.99	815.70	1412.83	4660.84	3942.90	5355.02	407.82	706.36
0.93	0.64	1.27	0.20	0.35	0.751195	2904.91	2235.15	3892.10	563.30	975.66	3058.61	2587.47	3514.15	267.62	463.54
1.30	0.73	2.98	0.46	0.80	0.472645	1294.93	573.14	2654.86	493.69	855.10	776.40	656.80	892.03	67.93	117.66
1.01	0.80	1.30	0.18	0.31	0.951332	816.28	623.56	1165.40	166.34	288.11	780.03	659.88	896.21	68.25	118.21
0.97	0.74	1.23	0.18	0.31	0.87561	944.52	721.65	1108.74	160.06	277.23	965.01	816.37	1108.74	84.44	146.25
0.92	0.76	1.02	0.16	0.27	0.634347	731.71	602.51	908.91	130.12	225.37	791.09	669.23	908.91	69.22	119.89
1.14	0.87	1.70	0.23	0.39	0.535909	799.09	698.05	999.24	121.96	211.24	696.44	589.17	800.17	60.94	105.55
0.98	0.84	1.14	0.16	0.27	0.92085	4878.85	4105.80	6396.03	879.62	1523.54	4887.59	4134.73	5615.54	427.66	740.72
1.07	0.98	1.25	0.15	0.27	0.663824	3803.53	2959.91	5006.67	663.13	1148.58	3498.85	2959.91	4019.97	306.14	530.26
1.02	0.77	1.39	0.20	0.34	0.916329	6208.01	4628.13	7082.56	1024.57	1774.60	6017.16	5090.30	6913.35	526.49	911.91
0.94	0.77	1.07	0.16	0.27	0.707102	1774.20	1454.81	2166.41	306.74	531.29	1885.58	1595.13	2166.41	164.99	285.76
0.95	0.84	1.03	0.15	0.25	0.769503	5993.64	5301.64	7207.32	992.90	1719.76	6273.02	5306.75	7207.32	548.88	950.69
1.46	0.82	3.78	0.58	1.01	0.355844	1512.11	621.81	3276.69	633.08	1096.53	753.98	637.84	866.27	65.97	114.27
1.04	0.82	1.36	0.18	0.32	0.845746	6089.30	4802.88	6745.57	950.11	1645.63	5848.40	4947.54	6719.46	511.73	886.34
1.05	0.83	1.42	0.19	0.33	0.779938	6897.74	5406.77	7806.24	1069.86	1853.05	6510.55	5507.69	7480.22	569.66	986.68
1.06	0.79	1.50	0.21	0.36	0.780788	6686.75	4957.01	7930.38	1091.23	1890.07	6243.03	5281.38	7172.86	546.26	946.14
1.13	0.94	1.53	0.19	0.33	0.506641	5760.80	4817.40	6608.72	814.47	1410.71	5097.12	4311.98	5856.28	445.99	772.48
1.07	0.96	1.27	0.16	0.27	0.676287	904.12	671.72	1207.77	163.02	282.36	828.64	701.00	952.06	72.50	125.58
1.08	0.88	1.42	0.18	0.32	0.678535	459.73	303.96	665.14	95.55	165.50	408.00	345.15	468.77	35.70	61.83
0.92	0.68	1.13	0.18	0.31	0.670488	1718.89	1036.47	2069.35	352.45	610.45	1801.10	1523.67	2069.35	157.59	272.96
0.99	0.96	1.00	0.14	0.24	0.922682	4551.72	3720.86	5305.35	732.69	1269.06	4605.47	3896.06	5291.40	402.97	697.97
1.26	0.62	3.25	0.54	0.93	0.574817	1043.65	372.86	2248.80	435.54	754.38	602.01	509.28	691.68	52.68	91.24
0.69	0.32	1.02	0.27	0.47	0.356261	1051.23	525.64	1416.90	276.99	479.76	1409.71	1192.57	1619.67	123.35	213.64
0.70	0.33	1.04	0.27	0.47	0.370651	604.15	299.59	837.94	160.16	277.40	797.82	674.93	916.65	69.81	120.91
0.98	0.77	1.22	0.17	0.30	0.904816	6933.38	6300.90	7335.94	1041.42	1803.79	7126.99	6029.18	8188.47	623.60	1080.11

0.94	0.82	1.02	0.15	0.26	0.717648	7270.12	6561.68	7921.61	1140.77	1975.87	7756.45	6561.68	8911.69	678.68	1175.50
1.03	0.82	1.35	0.18	0.32	0.85422	4645.17	4243.90	5157.29	671.06	1162.31	4511.33	3816.42	5183.24	394.73	683.70
1.18	0.56	2.91	0.49	0.85	0.683929	2233.62	797.77	4710.40	902.07	1562.44	1409.86	1192.69	1619.84	123.36	213.67
1.03	0.78	1.38	0.19	0.33	0.894446	6120.22	5369.04	6985.05	914.85	1584.57	5976.12	5055.59	6866.20	522.90	905.69
1.02	0.85	1.23	0.16	0.28	0.917756	3266.09	2757.08	3690.36	497.06	860.93	3211.97	2717.22	3690.36	281.04	486.78
1.08	0.85	1.50	0.20	0.34	0.682285	3276.58	2561.81	3809.93	503.29	871.72	3009.73	2546.13	3458.00	263.35	456.13
0.98	0.80	1.18	0.16	0.28	0.903688	8849.13	8320.13	9147.45	1311.55	2271.68	9101.07	7699.18	10456.57	796.33	1379.28
0.93	0.75	1.07	0.16	0.28	0.686087	5989.40	5567.45	6517.49	945.73	1638.05	6484.44	5485.61	7450.23	567.38	982.73
0.96	0.81	1.10	0.16	0.27	0.807777	7211.98	7002.84	7607.72	1088.62	1885.54	7569.14	6403.22	8696.48	662.29	1147.12
0.99	0.85	1.15	0.16	0.27	0.966841	10793.77	10679.66	11006.95	1563.77	2708.53	10951.14	9264.27	12582.19	958.21	1659.66
1.00	0.95	1.06	0.14	0.25	0.983148	35.65	30.10	38.90	5.46	9.45	35.58	30.10	40.88	3.11	5.39
0.93	0.54	1.47	0.26	0.45	0.789259	2302.03	1497.82	2990.45	460.68	797.93	2405.58	2035.03	2763.86	210.48	364.57
1.03	0.66	1.65	0.26	0.45	0.909142	1804.67	1054.01	3016.32	488.19	845.57	1588.32	1343.66	1824.89	138.98	240.71
0.85	0.56	1.10	0.20	0.35	0.520515	10916.92	8224.76	12738.78	2052.19	3554.50	12674.19	10721.91	14561.87	1108.97	1920.79
0.85	0.53	1.17	0.22	0.38	0.54896	8387.26	5855.87	9724.86	1645.08	2849.37	9675.55	8185.17	11116.62	846.60	1466.35
0.84	0.49	1.21	0.23	0.41	0.549785	2639.13	1733.98	3115.04	540.46	936.10	3052.82	2582.58	3507.50	267.12	462.66
0.99	0.93	1.03	0.14	0.24	0.9221	3052.51	2614.86	3651.71	492.36	852.79	3090.98	2614.86	3551.35	270.46	468.44
0.95	0.73	1.18	0.18	0.30	0.795557	1642.10	1225.96	2281.44	331.47	574.13	1677.24	1418.89	1927.05	146.76	254.19
1.24	0.79	2.39	0.36	0.62	0.481126	618.71	334.98	1163.36	201.84	349.60	422.96	357.81	485.95	37.01	64.10
1.23	0.94	1.96	0.26	0.45	0.379017	32.02	18.88	53.37	8.34	14.44	23.69	20.04	27.21	2.07	3.59
1.03	0.67	1.63	0.25	0.44	0.913076	1265.48	621.16	2066.70	338.96	587.09	1102.95	933.05	1267.22	96.51	167.15
1.02	0.74	1.43	0.21	0.36	0.919398	4994.61	2878.56	7511.94	1157.37	2004.63	4570.05	3866.10	5250.71	399.87	692.60
0.99	0.58	1.69	0.29	0.49	0.973263	1901.58	808.85	3225.12	553.30	958.34	1662.30	1406.24	1909.88	145.45	251.92
1.01	0.92	1.12	0.15	0.25	0.947863	6232.60	5174.97	7856.00	1049.17	1817.22	6117.24	5174.97	7028.34	535.25	927.08
1.04	0.86	1.31	0.17	0.30	0.815693	2710.69	1834.36	3772.01	537.75	931.41	2512.89	2125.82	2887.16	219.87	380.83
1.00	0.93	1.06	0.14	0.25	0.974282	9109.84	7163.70	11035.37	1517.69	2628.72	9084.17	7684.88	10437.15	794.85	1376.72
0.99	0.95	1.03	0.14	0.24	0.964663	8288.24	6719.69	9558.35	1324.70	2294.45	8319.29	7037.82	9558.35	727.92	1260.80
0.93	0.64	1.26	0.20	0.35	0.75075	1463.70	1137.32	1949.10	281.08	486.84	1542.24	1304.68	1771.94	134.94	233.73
0.85	0.52	1.15	0.22	0.38	0.53391	2364.17	1638.94	3153.15	496.46	859.89	2719.28	2300.41	3124.29	237.93	412.11
1.08	0.94	1.33	0.17	0.29	0.647518	5434.58	5104.61	5713.05	735.17	1273.35	5078.73	4296.42	5835.15	444.38	769.69
1.06	0.92	1.30	0.16	0.28	0.720073	2270.29	1985.68	2469.60	323.51	560.33	2149.46	1818.37	2469.60	188.07	325.75
1.18	0.91	1.81	0.24	0.42	0.441889	1957.81	1644.71	2511.95	305.08	528.41	1636.37	1384.31	1880.08	143.18	247.99
1.10	0.81	1.65	0.23	0.40	0.654998	1206.97	1009.17	1520.17	191.15	331.08	1086.03	918.74	1247.78	95.03	164.59
0.84	0.56	1.08	0.20	0.35	0.497963	24.16	18.08	28.49	4.62	8.01	28.35	23.98	32.57	2.48	4.30
0.93	0.73	1.09	0.16	0.29	0.693509	2034.65	1856.15	2212.60	322.30	558.24	2201.38	1862.29	2529.25	192.62	333.62
0.96	0.40	2.20	0.43	0.75	0.925269	5838.27	2446.09	9777.39	1685.44	2919.26	5264.49	4453.57	6048.57	460.63	797.84
0.92	0.32	2.44	0.52	0.90	0.871724	2961.79	953.24	5335.23	975.97	1690.43	2583.72	2185.74	2968.54	226.07	391.57
0.99	0.73	1.31	0.19	0.33	0.94687	11946.44	10204.59	13449.57	1853.60	3210.52	12123.38	10255.95	13929.02	1060.78	1837.32
0.80	0.49	1.03	0.21	0.37	0.423556	6721.46	4676.13	8531.72	1414.89	2450.67	8223.20	6956.54	9447.96	719.52	1246.24
0.81	0.53	1.01	0.20	0.34	0.428904	5600.32	4141.62	6919.17	1122.73	1944.62	6785.37	5740.19	7795.98	593.71	1028.33
1.00	0.82	1.23	0.17	0.29	0.990415	7895.26	7438.74	8273.97	1144.53	1982.39	7932.65	6710.74	9114.13	694.09	1202.21
1.03	0.86	1.26	0.17	0.29	0.88289	8825.70	7412.94	9896.15	1334.47	2311.37	8613.29	7286.54	9896.15	753.65	1305.36
1.09	0.79	1.65	0.23	0.40	0.69106	3597.26	2017.54	5734.54	894.76	1549.77	3024.29	2558.44	3474.73	264.62	458.34
1.17	0.99	1.63	0.20	0.35	0.406815	3561.27	2403.75	5382.63	770.64	1334.78	2882.72	2438.68	3312.07	252.23	436.88
1.07	0.74	1.62	0.24	0.41	0.780725	378.92	288.40	556.60	79.44	137.60	340.92	288.40	391.69	29.83	51.67
1.01	0.87	1.19	0.16	0.27	0.947181	6233.67	5129.57	8269.34	1125.69	1949.76	6063.58	5129.57	6966.69	530.55	918.95
1.05	0.91	1.29	0.16	0.28	0.749779	6994.23	4965.20	9529.90	1322.05	2289.87	6454.70	5460.45	7416.06	564.78	978.22
1.04	1.00	1.13	0.14	0.25	0.781143	5448.19	4392.33	6733.50	885.10	1533.04	5192.28	4392.48	5965.61	454.32	786.90
0.99	0.98	1.00	0.14	0.24	0.965196	7342.61	6251.34	8496.59	1149.52	1991.03	7389.60	6251.34	8490.20	646.58	1119.91
1.02	0.92	1.15	0.15	0.26	0.895261	6336.68	6076.44	6646.63	899.89	1558.66	6255.09	5291.59	7186.72	547.31	947.97

1.00	0.99	1.02	0.14	0.24	0.976746	5788.55	4977.14	6587.86	886.39	1535.27	5771.22	4882.25	6630.78	504.97	874.64
1.04	0.85	1.33	0.17	0.30	0.806578	4507.53	4265.69	4890.31	634.58	1099.13	4344.44	3675.24	4991.50	380.13	658.41
1.09	0.90	1.44	0.18	0.32	0.619739	6686.20	6178.48	7489.03	922.58	1597.96	6147.15	5200.27	7062.70	537.87	931.61
1.25	0.90	2.16	0.30	0.52	0.397108	7452.64	5822.47	10574.86	1379.13	2388.73	5792.94	4900.63	6655.74	506.87	877.93
0.94	0.74	1.12	0.17	0.29	0.725237	483.44	436.05	578.12	80.80	139.94	515.57	436.15	592.36	45.11	78.14
1.04	0.80	1.39	0.19	0.33	0.851845	5268.99	4693.56	5989.22	775.45	1343.11	5098.20	4312.90	5857.52	446.08	772.64
1.08	0.99	1.26	0.15	0.27	0.622243	2608.49	2009.03	3451.26	456.95	791.46	2374.83	2009.03	2728.54	207.79	359.91
1.75	0.98	5.49	0.84	1.46	0.251109	321.70	100.22	747.79	151.63	262.63	118.47	100.22	136.11	10.37	17.95
1.59	0.79	5.16	0.81	1.40	0.346442	403.12	105.77	943.56	192.74	333.83	159.23	134.70	182.95	13.93	24.13
0.94	0.81	1.03	0.15	0.26	0.719489	10661.12	9622.65	11821.41	1683.86	2916.53	11374.77	9622.65	13068.92	995.27	1723.87
1.02	0.77	1.38	0.19	0.34	0.928974	8720.19	7556.09	9981.26	1320.47	2287.12	8579.50	7257.96	9857.33	750.69	1300.24
1.02	0.83	1.29	0.17	0.30	0.892159	6601.30	6186.51	7098.98	944.02	1635.09	6485.36	5486.38	7451.28	567.46	982.87
0.96	0.69	1.28	0.20	0.34	0.848531	8082.24	6673.98	9123.57	1305.54	2261.25	8406.34	7111.46	9658.37	735.54	1273.99
1.06	0.90	1.32	0.17	0.29	0.731748	4108.33	3925.30	4369.56	565.03	978.67	3905.40	3303.83	4487.06	341.72	591.87
0.98	0.69	1.39	0.21	0.36	0.944316	3461.06	2762.70	4106.45	569.43	986.28	3496.21	2957.67	4016.94	305.91	529.86
0.95	0.83	1.04	0.15	0.26	0.760668	2870.89	2563.93	3165.07	449.38	778.35	3030.77	2563.93	3482.17	265.19	459.32
0.94	0.77	1.07	0.16	0.27	0.723522	3139.49	2832.86	3605.60	506.14	876.66	3348.67	2832.86	3847.42	293.00	507.50
0.93	0.74	1.08	0.16	0.28	0.689416	4600.32	4251.65	5003.68	726.71	1258.70	4978.31	4211.47	5719.78	435.59	754.47
0.97	0.82	1.11	0.15	0.27	0.854981	3554.43	3104.01	4085.11	561.06	971.79	3669.20	3104.01	4215.69	321.05	556.07
1.05	0.94	1.25	0.16	0.27	0.739773	2876.89	2298.48	3409.13	449.26	778.15	2716.99	2298.48	3121.66	237.73	411.76
0.95	0.77	1.11	0.16	0.28	0.780365	4023.56	3788.53	4276.49	615.01	1065.23	4254.80	3599.41	4888.51	372.29	644.82
0.87	0.62	1.06	0.18	0.31	0.533087	4384.89	3067.46	5951.17	916.79	1587.93	4889.13	4136.03	5617.31	427.79	740.96
0.96	0.59	1.50	0.25	0.43	0.878195	2132.52	1435.29	3176.03	481.60	834.16	2111.47	1786.23	2425.96	184.75	320.00
1.21	0.85	2.08	0.29	0.51	0.458221	2767.98	1455.10	4820.19	789.32	1367.14	2018.37	1707.47	2318.98	176.60	305.89
1.20	0.90	1.92	0.26	0.45	0.427455	3559.25	2053.15	5927.20	929.90	1610.63	2683.72	2270.33	3083.44	234.82	406.72
0.91	0.70	1.09	0.17	0.30	0.641927	4929.16	3727.79	6130.96	905.48	1568.35	5336.19	4514.23	6130.96	466.91	808.71
0.94	0.82	1.03	0.15	0.26	0.731869	6642.47	5745.73	8270.49	1151.39	1994.27	6987.53	5911.20	8028.25	611.40	1058.97
1.11	0.91	1.51	0.19	0.34	0.564159	13277.24	12017.18	15318.64	1854.33	3211.79	11956.25	10114.56	13737.00	1046.15	1811.99
0.99	0.69	1.41	0.21	0.37	0.956247	3542.76	2420.52	4174.10	639.53	1107.69	3510.78	2970.00	4033.68	307.19	532.07
0.81	0.50	1.07	0.21	0.37	0.453206	3132.05	1852.12	4222.42	716.48	1240.98	3675.06	3108.97	4222.42	321.56	556.96
1.05	0.80	1.43	0.20	0.34	0.81458	6703.99	5113.04	7699.60	1069.65	1852.69	6353.11	5374.50	7299.33	555.89	962.82
0.99	0.75	1.31	0.19	0.33	0.964613	5223.17	3909.15	5993.73	878.41	1521.45	5216.75	4413.19	5993.73	456.46	790.61
0.97	0.78	1.17	0.17	0.29	0.85982	5482.48	4419.93	6472.13	906.46	1570.04	5633.14	4765.43	6472.13	492.89	853.71
1.13	0.94	1.55	0.20	0.34	0.501864	11056.17	9828.14	12790.54	1530.62	2651.12	9778.30	8272.10	11234.68	855.59	1481.92
1.10	0.88	1.52	0.20	0.34	0.616181	9310.03	8513.76	10885.35	1330.36	2304.25	8470.60	7165.82	9732.20	741.16	1283.73
1.07	0.84	1.45	0.19	0.33	0.723916	9822.31	8899.04	11314.02	1416.98	2454.28	9206.95	7788.75	10578.23	805.59	1395.33
1.03	0.90	1.22	0.16	0.27	0.836967	2907.56	2850.11	2940.49	404.96	701.41	2835.66	2398.87	3258.00	248.12	429.75
1.01	0.76	1.36	0.19	0.33	0.965255	634.02	547.52	721.86	96.58	167.28	629.49	532.52	723.24	55.08	95.40
1.02	0.70	1.53	0.23	0.40	0.917942	1408.46	1095.00	1763.31	237.61	411.55	1360.14	1150.63	1562.72	119.01	206.13
0.94	0.77	1.07	0.16	0.27	0.715847	5815.15	4759.92	7505.48	1061.72	1838.95	6123.24	5180.05	7035.24	535.77	927.99
1.01	0.86	1.22	0.16	0.28	0.929915	5601.40	4574.12	7572.29	1039.51	1800.49	5406.99	4574.12	6212.30	473.10	819.44
1.08	0.95	1.32	0.16	0.28	0.647607	4087.08	3132.52	5606.49	757.52	1312.06	3702.90	3132.52	4254.41	324.00	561.18
0.92	0.68	1.14	0.18	0.31	0.684952	624.98	528.36	775.85	110.36	191.15	674.63	570.72	775.11	59.03	102.24
1.03	0.89	1.24	0.16	0.28	0.840606	198.20	158.83	268.53	36.59	63.37	187.75	158.83	215.71	16.43	28.45
1.29	0.48	4.50	0.78	1.36	0.634499	1272.10	234.42	2999.43	620.35	1074.48	579.50	490.24	665.81	50.71	87.82
1.07	0.82	1.49	0.20	0.35	0.730459	11027.94	9723.31	13006.02	1632.40	2827.40	10302.00	8715.12	11836.37	901.41	1561.28
1.03	0.86	1.26	0.17	0.29	0.863188	4701.07	3230.83	6424.83	911.83	1579.33	4425.00	3743.39	5084.05	387.18	670.62
1.01	0.88	1.17	0.15	0.27	0.940881	6049.77	4983.61	7930.81	1072.81	1858.15	5891.04	4983.61	6768.45	515.46	892.80
0.96	0.86	1.03	0.15	0.25	0.79558	5907.53	5186.24	7238.62	993.26	1720.38	6130.56	5186.24	7043.64	536.41	929.10
1.03	0.94	1.16	0.15	0.26	0.853513	4988.04	4600.67	5596.17	728.01	1260.95	4870.72	4120.46	5596.17	426.18	738.17

1.01	0.91	1.15	0.15	0.26	0.935262	4898.44	4415.82	5573.81	734.36	1271.95	4851.27	4104.00	5573.81	424.48	735.22
1.09	0.98	1.30	0.16	0.28	0.593467	6403.52	5959.54	6709.45	860.82	1490.99	5929.33	5016.00	6812.43	518.81	898.60
1.00	0.79	1.27	0.18	0.30	0.997163	1136.32	727.04	1586.09	234.81	406.70	1090.29	922.34	1252.67	95.40	165.23
0.99	0.72	1.35	0.20	0.34	0.957064	255.20	177.04	380.71	56.89	98.54	245.68	207.84	282.27	21.50	37.23
0.93	0.80	1.02	0.15	0.26	0.690233	2683.93	1905.76	3310.79	496.98	860.80	2820.87	2386.35	3241.01	246.82	427.51
0.91	0.74	1.04	0.16	0.28	0.626674	2464.43	1638.71	3018.65	478.52	828.82	2627.34	2222.63	3018.65	229.89	398.18
0.99	0.89	1.08	0.15	0.25	0.930354	6549.88	6097.26	6835.65	966.79	1674.53	6682.68	5653.31	7677.99	584.72	1012.77
0.93	0.71	1.13	0.17	0.30	0.712317	4676.20	4131.97	5068.90	746.22	1292.50	5043.20	4266.37	5794.33	441.27	764.31
0.91	0.55	1.36	0.24	0.42	0.723892	3684.65	2510.10	4562.42	711.14	1231.73	3961.23	3351.06	4551.22	346.60	600.33
0.85	0.60	1.05	0.19	0.32	0.497238	2230.04	1776.98	2721.65	417.00	722.26	2590.53	2191.50	2976.36	226.67	392.60
0.87	0.58	1.15	0.20	0.35	0.575408	1238.79	924.25	1612.24	244.39	423.30	1394.70	1179.87	1602.43	122.03	211.37
0.93	0.66	1.21	0.19	0.33	0.734547	84.12	48.19	105.19	17.72	30.69	86.14	72.87	98.97	7.54	13.05
1.02	0.77	1.37	0.19	0.33	0.933107	79.94	65.36	106.32	14.45	25.03	77.26	65.36	88.77	6.76	11.71
0.88	0.66	1.03	0.17	0.30	0.532648	86.00	73.95	98.57	14.87	25.75	98.07	82.96	112.67	8.58	14.86
1.07	0.66	1.87	0.29	0.51	0.808166	135.65	73.43	239.24	40.15	69.55	111.43	94.26	128.02	9.75	16.89
0.87	0.62	1.06	0.18	0.32	0.523341	101.77	83.10	117.69	18.16	31.46	117.09	99.05	134.53	10.25	17.74
0.97	0.56	1.64	0.28	0.49	0.915616	5227.90	3306.44	7174.88	1081.03	1872.40	5176.00	4378.71	5946.91	452.89	784.43
0.87	0.56	1.17	0.21	0.37	0.572406	3271.14	2384.09	3746.68	617.42	1069.40	3727.68	3153.48	4282.88	326.17	564.94
0.96	0.89	1.00	0.14	0.25	0.808633	1605.52	1416.20	1711.54	248.02	429.58	1674.06	1416.20	1923.40	146.48	253.71
0.99	0.88	1.12	0.15	0.26	0.972177	2054.43	1974.11	2097.47	298.18	516.47	2081.09	1760.53	2391.05	182.09	315.39
1.02	0.50	2.12	0.38	0.66	0.951748	95.32	48.95	151.94	24.51	42.46	84.65	71.61	97.26	7.41	12.83
0.96	0.86	1.03	0.15	0.25	0.798042	1648.43	1498.00	1735.25	251.97	436.42	1726.46	1460.52	1983.59	151.06	261.65
0.98	0.93	1.02	0.14	0.24	0.896136	1327.76	1148.89	1446.13	204.11	353.52	1358.09	1148.89	1560.36	118.83	205.82
1.00	0.86	1.16	0.15	0.27	0.98817	2097.77	2075.82	2129.92	302.47	523.90	2119.12	1792.70	2434.74	185.42	321.16
1.01	0.93	1.12	0.15	0.25	0.925205	1440.40	1356.84	1527.52	206.86	358.29	1429.57	1209.36	1642.49	125.08	216.65
0.98	0.66	1.45	0.23	0.39	0.943401	236.38	147.43	372.51	58.37	101.10	223.64	189.19	256.95	19.57	33.89
1.04	0.86	1.31	0.17	0.30	0.809535	1220.35	1170.63	1305.73	170.83	295.88	1178.67	997.12	1354.22	103.13	178.63
0.91	0.69	1.09	0.17	0.30	0.633918	917.23	803.36	1016.64	150.78	261.16	1011.48	855.68	1162.13	88.50	153.29
1.20	0.80	2.16	0.31	0.54	0.506632	1297.77	633.09	2320.04	390.33	676.07	935.44	791.35	1074.76	81.85	141.77
1.15	0.81	1.89	0.27	0.46	0.555446	763.48	406.85	1288.43	207.50	359.40	592.14	500.93	680.34	51.81	89.74
1.02	0.74	1.44	0.21	0.36	0.928433	172.35	118.10	263.88	39.72	68.80	159.67	135.08	183.45	13.97	24.20
0.98	0.69	1.34	0.20	0.35	0.908523	327.44	222.00	490.72	74.12	128.37	318.70	269.61	366.17	27.89	48.30
1.06	0.79	1.51	0.21	0.36	0.778653	145.88	102.93	224.89	33.55	58.10	129.83	109.83	149.17	11.36	19.68
1.10	0.86	1.53	0.20	0.35	0.638711	387.83	243.16	584.86	86.45	149.74	333.77	282.36	383.48	29.20	50.58
1.01	0.94	1.12	0.15	0.25	0.923147	1590.17	1478.34	1806.72	237.00	410.50	1572.51	1330.29	1806.72	137.59	238.32
1.01	0.96	1.09	0.14	0.25	0.920122	2013.27	1828.22	2286.41	300.47	520.42	1990.02	1683.49	2286.41	174.12	301.59
1.06	0.92	1.31	0.16	0.29	0.709862	770.01	733.38	807.29	105.16	182.14	729.66	617.27	838.33	63.84	110.58
1.02	0.80	1.32	0.18	0.31	0.911138	2931.50	2664.47	3229.99	427.56	740.56	2885.35	2440.90	3315.09	252.46	437.28
1.06	0.77	1.57	0.22	0.39	0.775751	7161.00	5878.83	8888.73	1144.74	1982.75	6681.40	5652.23	7676.52	584.61	1012.58
0.96	0.80	1.11	0.16	0.27	0.805835	4796.44	4237.20	5574.80	768.70	1331.43	5008.72	4237.20	5754.71	438.25	759.08
0.85	0.55	1.10	0.20	0.35	0.511843	1281.80	807.76	1676.97	274.95	476.22	1459.58	1234.75	1676.97	127.71	221.20
0.97	0.54	1.68	0.29	0.51	0.914314	3669.80	2242.46	5133.81	783.77	1357.53	3614.69	3057.90	4153.06	316.28	547.81
0.85	0.50	1.22	0.24	0.41	0.562919	4779.75	2134.19	7109.58	1251.70	2168.00	5069.65	4288.75	5824.72	443.59	768.31
0.87	0.65	1.01	0.17	0.30	0.50534	3930.06	2404.38	5019.61	832.25	1441.50	4344.06	3674.92	4991.06	380.10	658.35
1.01	0.99	1.02	0.14	0.24	0.971452	4217.45	3522.74	4918.89	662.01	1146.64	4189.38	3544.07	4813.35	366.56	634.91
0.89	0.64	1.11	0.18	0.32	0.595232	664.00	544.43	821.80	120.50	208.71	739.70	625.76	849.87	64.72	112.10
0.90	0.54	1.32	0.24	0.41	0.683961	1977.89	912.99	3022.05	515.59	893.03	1988.52	1682.21	2284.68	173.99	301.36
0.98	0.80	1.19	0.17	0.29	0.916922	1757.94	1649.27	1812.69	259.97	450.28	1802.68	1525.00	2071.17	157.73	273.20
1.04	0.89	1.26	0.16	0.28	0.820532	1740.79	1410.57	2112.76	278.07	481.63	1667.41	1410.57	1915.75	145.90	252.70
0.91	0.66	1.15	0.18	0.32	0.668465	1290.66	1077.38	1420.18	215.38	373.05	1412.98	1195.33	1623.43	123.63	214.14

0.96	0.86	1.02	0.14	0.25	0.793326	263.31	231.38	320.95	44.03	76.27	273.51	231.38	314.24	23.93	41.45
0.83	0.52	1.12	0.22	0.37	0.502052	6934.87	4852.35	8211.21	1381.68	2393.15	8169.57	6911.17	9386.34	714.82	1238.11
1.09	0.82	1.59	0.22	0.38	0.67572	4720.86	4041.32	5793.51	724.15	1254.27	4305.80	3642.56	4947.11	376.75	652.55
0.87	0.58	1.14	0.20	0.35	0.563692	3840.45	2907.34	4403.28	707.69	1225.75	4380.95	3706.13	5033.45	383.33	663.94
0.92	0.70	1.10	0.17	0.30	0.663429	2919.09	2568.61	3207.39	473.97	820.94	3191.13	2699.58	3666.41	279.22	483.62
1.00	0.83	1.20	0.16	0.28	0.987412	14534.85	14002.53	14844.64	2102.68	3641.94	14682.56	12420.92	16869.37	1284.70	2225.17
1.00	0.84	1.17	0.16	0.27	0.982035	12816.37	12569.37	13029.33	1851.36	3206.65	12963.27	10966.46	14894.01	1134.27	1964.60
0.99	0.94	1.03	0.14	0.24	0.945269	6520.44	5776.05	7137.70	984.45	1705.12	6613.85	5595.08	7598.91	578.70	1002.34
0.95	0.74	1.15	0.17	0.29	0.776867	2372.07	1850.30	2851.31	408.98	708.38	2481.69	2099.42	2851.31	217.14	376.10
0.92	0.73	1.07	0.16	0.28	0.650752	2222.47	1751.81	2754.23	399.05	691.17	2397.19	2027.94	2754.23	209.75	363.30
1.10	0.63	2.08	0.34	0.58	0.762753	1578.83	851.31	2351.19	360.90	625.10	1335.14	1129.48	1533.99	116.82	202.34
0.84	0.50	1.20	0.23	0.40	0.547902	3351.62	1503.01	4949.72	874.14	1514.06	3583.87	3031.83	4117.65	313.58	543.14
1.17	0.79	2.00	0.29	0.50	0.553601	2026.27	1535.04	2849.26	378.87	656.23	1685.92	1426.23	1937.02	147.52	255.50
0.88	0.62	1.09	0.19	0.32	0.561272	4545.47	3689.13	5187.87	800.81	1387.04	5161.57	4366.50	5930.33	451.63	782.24
1.01	0.79	1.30	0.18	0.31	0.954647	5395.69	4888.59	5906.02	792.90	1373.35	5365.11	4538.70	6164.19	469.44	813.09
0.94	0.79	1.07	0.16	0.27	0.738176	831.28	747.10	949.27	133.09	230.51	883.13	747.10	1014.66	77.27	133.84
1.00	0.85	1.17	0.16	0.27	0.989109	15525.78	15272.19	15760.92	2238.80	3877.72	15681.01	13265.57	18016.52	1372.06	2376.48
1.05	0.96	1.22	0.15	0.26	0.7343	1059.09	806.19	1225.40	168.78	292.34	997.16	843.56	1145.67	87.25	151.12
1.10	0.79	1.67	0.23	0.40	0.672711	7247.66	5966.86	9208.33	1168.00	2023.03	6534.49	5527.94	7507.73	571.76	990.31
1.01	0.99	1.05	0.14	0.24	0.924684	6045.01	5301.63	6865.70	910.55	1577.12	5975.69	5055.22	6865.70	522.86	905.63
0.98	0.85	1.11	0.15	0.26	0.898117	3797.87	2720.08	4852.36	695.37	1204.42	3801.80	3216.19	4368.04	332.65	576.17
0.94	0.78	1.05	0.16	0.27	0.705154	2316.56	1590.07	2929.57	441.91	765.41	2417.73	2045.31	2777.82	211.55	366.41
0.96	0.88	1.01	0.14	0.25	0.801632	4622.05	4121.97	4889.28	711.30	1232.01	4830.29	4086.25	5549.71	422.64	732.04
0.95	0.86	1.00	0.14	0.25	0.74689	3782.39	3390.45	4023.63	587.84	1018.17	4003.23	3386.59	4599.47	350.28	606.70
1.01	0.91	1.11	0.15	0.25	0.972753	2947.88	2482.81	3286.25	451.81	782.55	2934.88	2482.81	3372.00	256.80	444.79
0.85	0.58	1.05	0.19	0.33	0.484188	2637.41	2048.68	3250.51	504.33	873.52	3088.81	2613.02	3548.86	270.27	468.11
1.07	0.59	2.11	0.35	0.61	0.826567	4202.55	2459.52	6488.40	991.40	1717.15	3641.17	3080.30	4183.48	318.60	551.83
0.94	0.81	1.02	0.15	0.26	0.715746	4645.94	3348.36	5707.05	847.84	1468.50	4857.67	4109.41	5581.16	425.04	736.19
0.97	0.85	1.07	0.15	0.26	0.838872	4477.46	3275.82	5248.13	780.87	1352.50	4567.80	3864.20	5248.13	399.68	692.26
0.97	0.83	1.11	0.15	0.27	0.853103	2878.36	2038.07	3354.30	512.03	886.85	2919.47	2469.77	3354.30	255.45	442.45
0.98	0.85	1.10	0.15	0.26	0.879232	3588.42	3117.28	4068.29	560.28	970.44	3684.88	3117.28	4233.70	322.42	558.45
0.91	0.71	1.05	0.16	0.29	0.604535	958.03	865.42	1068.20	157.26	272.38	1062.78	899.07	1221.07	92.99	161.07
0.99	0.87	1.10	0.15	0.26	0.929701	1444.11	1378.17	1482.62	211.69	366.66	1475.11	1247.89	1694.81	129.07	223.55
0.92	0.76	1.01	0.15	0.27	0.628505	1657.51	1138.32	2031.82	315.45	546.37	1768.43	1496.03	2031.82	154.74	268.01
0.89	0.65	1.07	0.18	0.31	0.568807	247.43	207.44	299.56	44.11	76.40	278.14	235.29	319.56	24.34	42.15
1.02	0.98	1.07	0.14	0.24	0.903285	1236.84	1027.94	1374.53	188.88	327.15	1215.11	1027.94	1396.09	106.32	184.15
1.00	0.80	1.24	0.17	0.30	0.985741	3088.27	2865.76	3265.44	452.39	783.55	3117.73	2637.49	3582.08	272.80	472.50
0.89	0.66	1.08	0.18	0.31	0.589043	3024.65	2564.28	3407.34	513.97	890.22	3390.06	2867.87	3894.97	296.62	513.77
1.00	0.81	1.22	0.17	0.29	0.985314	2511.63	2374.24	2610.41	365.35	632.80	2537.31	2146.47	2915.21	222.01	384.53
0.96	0.67	1.33	0.20	0.35	0.86672	1068.60	855.62	1240.33	176.59	305.86	1104.21	934.12	1268.67	96.62	167.34
0.81	0.52	1.02	0.20	0.35	0.428364	3662.89	2641.89	4581.19	749.06	1297.41	4451.24	3765.59	5114.21	389.48	674.59
1.01	0.88	1.17	0.15	0.27	0.951875	2540.65	2505.39	2567.71	361.93	626.89	2535.93	2145.30	2913.63	221.89	384.32
1.03	0.91	1.21	0.15	0.27	0.839033	7417.09	7276.57	7587.72	1034.59	1791.97	7239.68	6124.51	8317.95	633.46	1097.18
1.02	0.87	1.20	0.16	0.27	0.921321	6470.78	6427.08	6535.14	915.61	1585.88	6417.43	5428.92	7373.24	561.51	972.57
1.14	0.89	1.66	0.22	0.38	0.520291	5568.57	4891.00	6818.41	823.07	1425.60	4866.20	4116.63	5590.97	425.78	737.48
1.03	0.99	1.10	0.14	0.25	0.836025	4699.64	4264.34	5231.39	683.24	1183.41	4579.84	3874.38	5261.96	400.73	694.08
1.10	0.94	1.42	0.18	0.31	0.565486	4668.21	4273.71	5117.71	630.76	1092.51	4252.04	3597.08	4885.34	372.05	644.40
1.06	0.86	1.39	0.18	0.32	0.736386	1283.04	1041.91	1422.28	192.05	332.65	1205.41	1019.73	1384.94	105.47	182.68
1.20	0.96	1.80	0.23	0.40	0.388497	3654.35	3032.35	4601.73	548.66	950.30	3016.98	2552.25	3466.32	263.98	457.23
1.05	0.88	1.33	0.17	0.30	0.763804	8511.34	8181.00	9124.21	1181.02	2045.59	8139.52	6885.75	9351.82	712.20	1233.56

1.13	0.83	1.73	0.24	0.41	0.585279	6211.11	5206.47	7952.40	992.73	1719.46	5446.69	4607.71	6257.92	476.58	825.46
1.23	0.62	3.01	0.49	0.86	0.59307	3017.64	1517.42	5404.67	905.18	1567.82	2120.62	1793.46	2435.77	185.50	321.29
1.02	0.86	1.24	0.16	0.28	0.893996	171.78	139.01	233.82	32.11	55.61	164.32	139.01	188.79	14.38	24.90
1.12	0.83	1.71	0.23	0.40	0.593833	236.10	135.83	378.45	58.59	101.47	193.04	163.30	221.79	16.89	29.26
1.08	0.94	1.33	0.17	0.29	0.641775	8172.44	7213.26	8742.22	1137.60	1970.39	7608.95	6436.90	8742.22	665.77	1153.15
1.04	0.95	1.18	0.15	0.26	0.797243	9020.48	8694.19	9584.90	1262.27	2186.32	8737.82	7391.89	10039.23	764.55	1324.23
1.11	0.82	1.67	0.23	0.40	0.630599	7718.57	6497.39	9726.04	1216.29	2106.67	6897.13	5834.73	7924.39	603.49	1045.27
1.07	0.89	1.38	0.18	0.31	0.696897	4746.92	4481.70	5213.98	657.20	1138.30	4458.98	3772.14	5123.10	390.15	675.77
1.08	0.94	1.36	0.17	0.29	0.62339	4010.88	3092.49	4999.12	651.10	1127.73	3655.58	3092.49	4200.03	319.86	554.01
0.91	0.60	1.25	0.21	0.37	0.686334	1111.37	834.90	1279.87	199.12	344.88	1213.17	1026.30	1393.86	106.15	183.86
1.04	0.92	1.22	0.15	0.27	0.796112	5049.94	4911.56	5185.06	699.21	1211.07	4886.66	4133.94	5614.47	427.57	740.58
1.09	0.98	1.32	0.16	0.28	0.588574	2525.78	2291.87	2678.44	342.94	593.99	2331.23	1972.14	2678.44	203.98	353.30
1.10	0.90	1.47	0.19	0.33	0.614168	11297.37	10394.55	12836.41	1573.15	2724.78	10341.84	8748.83	11882.15	904.89	1567.32
0.96	0.85	1.02	0.15	0.25	0.774144	7591.62	6754.68	8193.35	1179.03	2042.13	7984.59	6754.68	9173.81	698.64	1210.08
1.13	0.70	2.06	0.32	0.55	0.672583	4403.13	2984.52	6484.64	920.37	1594.13	3721.27	3148.07	4275.52	325.61	563.97
0.99	0.80	1.22	0.17	0.29	0.962409	1515.02	1286.08	1857.33	249.44	432.04	1520.25	1286.08	1746.68	133.02	230.40
0.71	0.25	1.40	0.38	0.65	0.488662	1980.85	695.79	2840.82	575.21	996.30	2393.75	2025.02	2750.27	209.45	362.78
0.78	0.44	1.09	0.23	0.41	0.435796	2055.46	1286.96	2547.02	454.29	786.85	2534.10	2143.76	2911.53	221.73	384.05
0.91	0.60	1.25	0.21	0.36	0.690725	1728.16	1301.57	1989.73	308.73	534.73	1883.60	1593.46	2164.14	164.81	285.46
0.75	0.28	1.48	0.37	0.64	0.536129	2621.49	991.44	3810.20	737.78	1277.86	3047.31	2577.91	3501.17	266.63	461.82
0.93	0.66	1.20	0.19	0.33	0.717137	1818.17	1494.64	1986.94	302.45	523.86	1962.93	1660.57	2255.29	171.75	297.49
0.94	0.70	1.20	0.18	0.32	0.776527	4241.51	3618.22	4582.48	678.83	1175.77	4500.89	3807.59	5171.25	393.82	682.12
0.99	0.72	1.33	0.20	0.34	0.952288	5706.22	4797.24	6515.78	896.12	1552.12	5776.20	4886.46	6636.50	505.41	875.39
1.09	0.93	1.40	0.17	0.30	0.60179	542.99	414.70	688.34	89.69	155.35	490.20	414.70	563.22	42.89	74.29
0.95	0.41	2.13	0.42	0.73	0.909951	107.24	45.98	177.04	30.35	52.57	98.21	83.08	112.83	8.59	14.88
1.02	0.66	1.58	0.25	0.43	0.950865	2436.98	1240.94	3523.48	564.37	977.52	2216.42	1875.01	2546.53	193.93	335.90
1.18	0.91	1.79	0.24	0.41	0.449931	3618.91	2253.51	5248.50	745.59	1291.40	2919.84	2470.08	3354.72	255.48	442.51
1.17	0.93	1.72	0.22	0.39	0.451064	1365.54	876.59	1935.15	270.08	467.80	1118.32	946.06	1284.89	97.85	169.48
1.11	0.90	1.52	0.19	0.34	0.5765	2089.70	1557.41	2804.57	371.38	643.25	1840.98	1557.41	2115.18	161.08	279.00
1.01	0.79	1.32	0.18	0.31	0.942353	5489.98	4526.37	7084.30	951.18	1647.49	5350.54	4526.37	6147.45	468.16	810.88
0.95	0.71	1.19	0.18	0.31	0.786828	4617.53	3969.14	5794.53	805.62	1395.37	4833.42	4088.91	5553.31	422.92	732.51
0.82	0.54	1.02	0.20	0.34	0.441054	4581.85	3439.24	5541.05	898.08	1555.53	5512.96	4663.77	6334.05	482.37	835.50
0.94	0.71	1.18	0.18	0.31	0.761848	4070.95	3509.41	5071.75	707.63	1225.65	4292.98	3631.70	4932.37	375.63	650.61
0.89	0.54	1.30	0.23	0.41	0.661588	2721.20	1857.72	3292.94	528.46	915.32	2997.66	2535.92	3444.13	262.29	454.30
0.87	0.61	1.08	0.19	0.33	0.534887	5379.62	4303.21	6207.18	966.78	1674.51	6175.70	5224.43	7095.51	540.36	935.94
0.97	0.57	1.60	0.27	0.47	0.920573	9139.44	5994.78	12294.70	1825.34	3161.59	9082.56	7683.52	10435.31	794.71	1376.48
0.96	0.60	1.49	0.25	0.43	0.88358	4168.54	2923.56	5323.63	778.59	1348.56	4236.85	3584.22	4867.88	370.72	642.10
0.96	0.61	1.46	0.24	0.42	0.877193	5287.32	3775.45	6662.74	970.60	1681.13	5396.27	4565.05	6199.99	472.17	817.81
0.95	0.57	1.53	0.26	0.45	0.862586	5203.18	3443.28	6845.62	1026.71	1778.31	5293.67	4478.25	6082.10	463.19	802.26
0.97	0.59	1.57	0.26	0.46	0.920937	6252.87	4200.55	8291.13	1219.88	2112.89	6235.15	5274.72	7163.81	545.57	944.95
0.96	0.83	1.05	0.15	0.26	0.790359	11392.16	10687.91	12039.15	1730.67	2997.60	11978.10	10133.05	13762.11	1048.07	1815.30
0.93	0.75	1.06	0.16	0.28	0.681978	7291.07	6846.58	7936.36	1150.17	1992.15	7896.12	6679.84	9072.16	690.90	1196.67
0.97	0.74	1.22	0.18	0.31	0.861335	7892.17	6958.63	8481.86	1215.49	2105.29	8194.27	6932.06	9414.72	716.99	1241.86
0.90	0.67	1.10	0.18	0.31	0.623988	7615.65	6486.91	8483.05	1274.24	2207.04	8440.03	7139.97	9697.09	738.49	1279.10
0.85	0.41	1.47	0.31	0.53	0.640571	8037.47	4197.53	11010.23	1903.84	3297.55	8859.51	7494.83	10179.04	775.19	1342.67
0.94	0.79	1.07	0.16	0.27	0.732837	128.99	88.84	163.76	24.52	42.47	133.70	113.10	153.61	11.70	20.26
0.82	0.40	1.39	0.30	0.52	0.58662	320.90	167.23	428.91	76.29	132.14	364.71	308.53	419.03	31.91	55.27
1.17	0.76	2.13	0.32	0.55	0.567024	408.99	230.35	740.87	125.12	216.71	302.31	255.75	347.34	26.45	45.82
1.20	0.87	1.99	0.28	0.48	0.449842	407.33	257.56	697.23	111.33	192.83	304.45	257.56	349.80	26.64	46.14
1.17	0.88	1.83	0.25	0.43	0.48321	1006.15	852.34	1309.86	161.74	280.14	848.02	717.39	974.32	74.20	128.52

0.97	0.86	1.06	0.15	0.26	0.854227	7994.06	7118.44	9454.45	1283.60	2223.26	8228.85	6961.31	9454.45	720.01	1247.10
1.01	0.94	1.09	0.14	0.25	0.962031	3359.05	3081.16	3842.63	506.95	878.06	3344.50	2829.33	3842.63	292.64	506.86
0.77	0.29	1.57	0.38	0.66	0.574892	4766.57	1786.36	7119.94	1349.14	2336.78	5366.06	4539.49	6165.27	469.52	813.23
1.01	0.83	1.23	0.17	0.29	0.962774	2670.12	2209.57	3040.45	415.02	718.84	2646.31	2238.69	3040.45	231.55	401.05
0.95	0.80	1.07	0.15	0.27	0.762216	1761.87	1494.06	2123.88	295.22	511.33	1848.55	1563.81	2123.88	161.75	280.15
0.96	0.83	1.08	0.15	0.26	0.823785	4476.32	4285.43	4700.73	672.53	1164.86	4676.90	3956.49	5373.47	409.22	708.79
0.96	0.87	1.03	0.14	0.25	0.815927	3809.53	3448.96	3993.53	580.87	1006.09	3973.28	3361.25	4565.05	347.66	602.16
0.92	0.72	1.08	0.16	0.29	0.659697	6255.78	5662.35	7351.79	1044.69	1809.45	6800.75	5753.20	7813.65	595.06	1030.67
0.69	0.29	1.16	0.31	0.54	0.409126	3261.88	1387.15	4251.27	896.51	1552.80	4229.72	3578.19	4859.69	370.09	641.02
1.05	0.46	2.52	0.46	0.80	0.911222	6054.21	2604.10	10570.97	1813.22	3140.59	4962.26	4197.90	5701.34	434.19	752.04
1.04	0.51	2.23	0.40	0.69	0.905259	7499.60	3789.06	12215.55	1983.49	3435.50	6461.28	5466.01	7423.61	565.35	979.22
1.07	0.95	1.27	0.16	0.27	0.685809	11154.63	10060.04	12087.83	1557.67	2697.96	10520.86	8900.28	12087.83	920.56	1594.45
1.43	0.91	3.22	0.48	0.83	0.313946	3706.85	2127.23	6322.72	988.72	1712.51	2324.41	1966.37	2670.60	203.38	352.27
0.88	0.67	1.02	0.17	0.29	0.53714	3180.57	2797.68	3691.92	547.88	948.96	3607.84	3052.10	4145.19	315.68	546.77
0.75	0.28	1.50	0.38	0.66	0.537867	6319.55	2327.21	9268.80	1798.71	3115.45	7325.30	6196.94	8416.33	640.95	1110.16
1.42	0.95	3.06	0.45	0.78	0.296762	5628.47	3423.10	9322.65	1411.15	2444.19	3603.03	3048.03	4139.66	315.26	546.04
1.38	0.90	2.89	0.43	0.74	0.333329	8463.55	5686.45	13851.50	2069.07	3583.74	5657.62	4786.14	6500.26	495.03	857.42
1.60	0.96	4.27	0.65	1.13	0.267223	7527.85	3811.73	14242.68	2444.11	4233.33	3942.02	3334.81	4529.14	344.92	597.42
0.92	0.70	1.12	0.17	0.30	0.67981	6221.21	4681.22	7661.04	1129.47	1956.30	6667.92	5640.83	7661.04	583.43	1010.54
0.94	0.78	1.06	0.16	0.27	0.719617	6718.86	5586.24	8178.11	1150.62	1992.94	7117.97	6021.55	8178.11	622.81	1078.74
1.03	0.96	1.14	0.15	0.25	0.833923	7638.29	6202.49	9644.47	1275.88	2209.89	7331.86	6202.49	8423.86	641.53	1111.16
1.05	1.00	1.15	0.14	0.25	0.751232	6580.72	5266.75	8220.13	1079.43	1869.63	6225.74	5266.75	7152.99	544.74	943.52
1.06	0.97	1.21	0.15	0.26	0.715364	4411.99	3482.66	5719.27	755.69	1308.89	4116.80	3482.66	4729.95	360.21	623.91
1.05	0.88	1.31	0.17	0.29	0.786	5509.93	4635.44	6051.32	813.46	1408.95	5266.88	4455.59	6051.32	460.84	798.20
1.07	0.90	1.36	0.17	0.30	0.698375	8818.89	8349.24	9524.05	1211.70	2098.72	8306.91	7027.35	9544.13	726.84	1258.93
0.68	0.29	1.07	0.30	0.51	0.370597	6581.58	2924.38	8864.74	1813.50	3141.08	8819.79	7461.23	10133.41	771.72	1336.65
0.96	0.51	1.72	0.31	0.54	0.890426	29.38	11.16	50.99	9.02	15.62	25.86	21.87	29.71	2.26	3.92
1.00	0.95	1.05	0.14	0.24	0.985676	6274.44	5006.41	7531.60	1030.16	1784.29	6253.45	5290.20	7184.84	547.17	947.72
1.00	0.97	1.05	0.14	0.24	0.980995	6974.20	6178.81	7733.44	1044.28	1808.74	6974.80	5900.43	8013.62	610.28	1057.04
0.97	0.87	1.05	0.15	0.25	0.842435	4921.94	4546.67	5137.32	741.08	1283.59	5111.28	4323.96	5872.55	447.23	774.62
0.94	0.64	1.29	0.21	0.36	0.780329	2822.79	2192.84	3270.83	484.11	838.50	2989.47	2528.98	3434.72	261.57	453.06
1.00	0.85	1.17	0.16	0.27	0.996157	5103.21	5031.24	5173.06	734.66	1272.47	5146.83	4354.03	5913.39	450.34	780.01
0.99	0.92	1.05	0.14	0.25	0.953729	5113.81	4373.94	5490.91	782.47	1355.28	5170.36	4373.94	5940.43	452.40	783.58
0.95	0.85	1.00	0.15	0.25	0.742857	1778.42	1599.73	1894.16	276.33	478.61	1884.55	1594.27	2165.24	164.90	285.61
1.06	0.81	1.48	0.20	0.35	0.752759	3828.72	3360.66	4510.27	569.17	985.84	3596.91	3042.86	4132.63	314.72	545.12
0.83	0.44	1.30	0.27	0.46	0.574896	2562.16	1473.49	3774.92	625.77	1083.86	2882.01	2438.08	3311.25	252.17	436.77
1.08	0.85	1.49	0.20	0.34	0.67368	4213.45	3816.76	4911.64	607.85	1052.83	3892.12	3292.60	4471.81	340.55	589.86
1.06	0.99	1.21	0.15	0.26	0.690777	3488.13	2769.20	3976.75	534.20	925.26	3273.43	2769.20	3760.97	286.42	496.09
0.80	0.38	1.36	0.30	0.52	0.558611	4343.15	2202.83	5784.17	1052.41	1822.83	5016.90	4244.12	5764.11	438.97	760.32
0.98	0.92	1.02	0.14	0.25	0.896236	5655.06	4467.03	6737.17	940.46	1628.93	5731.77	4848.87	6585.46	501.52	868.66
0.97	0.88	1.05	0.14	0.25	0.865061	7200.60	6588.10	7538.07	1082.79	1875.45	7437.74	6292.06	8545.51	650.79	1127.20
0.94	0.76	1.09	0.16	0.28	0.725442	9164.83	8267.30	10729.83	1500.40	2598.78	9772.63	8267.30	11228.16	855.09	1481.06
1.00	0.75	1.32	0.19	0.33	0.982057	1350.06	1130.71	1767.87	241.21	417.78	1336.59	1130.71	1535.67	116.95	202.56
0.97	0.75	1.22	0.18	0.31	0.876966	2012.81	1514.92	2822.63	407.00	704.95	2010.59	1700.89	2310.04	175.92	304.71
0.92	0.71	1.10	0.17	0.29	0.669414	3567.72	2697.59	4798.16	701.79	1215.53	3791.40	3207.39	4356.09	331.74	574.59
1.00	0.72	1.38	0.20	0.35	0.999308	2125.64	1465.96	3204.30	480.26	831.83	2017.41	1706.66	2317.88	176.52	305.74
1.13	0.81	1.76	0.25	0.43	0.605542	1991.03	1318.25	3283.65	512.27	887.28	1620.85	1371.18	1862.25	141.82	245.64
0.92	0.62	1.27	0.21	0.36	0.736025	1617.56	1032.73	2419.33	376.51	652.13	1655.66	1400.63	1902.25	144.87	250.92
0.95	0.62	1.35	0.22	0.38	0.814423	4004.96	2488.48	6170.56	968.35	1677.23	3966.87	3355.83	4557.69	347.09	601.19
0.99	0.62	1.58	0.26	0.44	0.977612	83.70	47.71	138.67	22.56	39.08	76.52	64.74	87.92	6.70	11.60

0.96	0.62	1.44	0.23	0.41	0.877894	1495.87	1087.72	1863.00	269.85	467.39	1529.09	1293.55	1756.83	133.79	231.74
1.00	0.67	1.49	0.23	0.40	0.99405	3166.74	1970.41	5041.93	791.61	1371.11	2940.86	2487.87	3378.87	257.32	445.69
0.89	0.50	1.43	0.27	0.46	0.709794	1916.19	965.37	3156.80	534.59	925.94	1922.53	1626.39	2208.87	168.22	291.36
1.27	0.82	2.51	0.37	0.64	0.42768	3341.95	1821.05	6344.38	1106.92	1917.25	2199.18	1860.42	2526.72	192.42	333.29
1.39	0.97	2.77	0.40	0.69	0.291249	2823.47	1432.29	5389.42	939.83	1627.83	1693.09	1432.29	1945.26	148.14	256.59
1.09	0.76	1.73	0.25	0.43	0.700904	2342.36	1494.22	3878.33	611.38	1058.94	1955.81	1654.55	2247.11	171.13	296.41
1.13	0.84	1.72	0.24	0.41	0.574927	3428.39	2363.84	5550.58	850.14	1472.48	2802.41	2370.74	3219.80	245.21	424.71
1.04	0.74	1.49	0.22	0.37	0.871183	1911.09	1294.96	2972.39	450.66	780.57	1732.83	1465.91	1990.91	151.62	262.61
1.03	0.85	1.29	0.17	0.29	0.868566	7477.44	7118.45	7960.92	1058.42	1833.24	7315.67	6188.79	8405.26	640.11	1108.70
1.03	0.84	1.28	0.17	0.29	0.876124	7376.84	7011.95	7852.96	1045.97	1811.67	7228.76	6115.28	8305.41	632.51	1095.53
0.97	0.90	1.00	0.14	0.25	0.82675	3611.78	3172.63	3878.05	557.31	965.29	3750.31	3172.63	4308.88	328.15	568.37
1.01	0.88	1.17	0.15	0.27	0.958203	100.90	88.30	115.18	15.33	26.55	100.25	84.81	115.18	8.77	15.19
0.96	0.77	1.15	0.17	0.29	0.811874	25.69	16.94	30.12	4.86	8.41	26.13	22.11	30.02	2.29	3.96
0.89	0.45	1.57	0.31	0.53	0.742934	4545.65	2491.06	6353.19	1044.84	1809.71	4768.39	4033.89	5478.59	417.23	722.66
0.86	0.62	1.01	0.18	0.31	0.481278	5742.99	4780.26	6733.15	1035.34	1793.26	6699.01	5667.12	7696.76	586.15	1015.25
0.86	0.58	1.12	0.20	0.35	0.550504	6678.49	5069.26	7694.99	1234.33	2137.92	7655.97	6476.68	8796.24	669.89	1160.27
0.93	0.63	1.27	0.21	0.36	0.749435	4973.90	3857.09	5718.98	858.58	1487.10	5318.53	4499.29	6110.67	465.36	806.03
0.71	0.24	1.49	0.40	0.69	0.51192	163.52	53.83	242.90	48.59	84.16	192.84	163.14	221.56	16.87	29.23
0.73	0.34	1.15	0.29	0.49	0.42621	53.82	26.29	78.08	14.35	24.85	67.47	57.07	77.52	5.90	10.22
0.73	0.34	1.15	0.28	0.49	0.424729	114.45	56.39	165.47	30.36	52.58	143.61	121.49	164.99	12.57	21.76
1.01	0.73	1.39	0.20	0.35	0.980887	893.86	742.52	1046.93	141.03	244.27	887.62	750.89	1019.82	77.67	134.52
0.83	0.52	1.10	0.21	0.37	0.48528	973.92	576.68	1404.37	232.03	401.89	1112.00	940.72	1277.62	97.30	168.53
0.94	0.81	1.01	0.15	0.26	0.698001	192.31	174.48	209.82	30.29	52.47	206.24	174.48	236.96	18.05	31.26
0.95	0.73	1.18	0.17	0.30	0.799946	130.18	81.04	177.86	27.20	47.11	130.96	110.79	150.47	11.46	19.85
1.21	0.94	1.91	0.25	0.44	0.393095	42.52	32.44	55.57	6.90	11.95	34.43	29.13	39.56	3.01	5.22
0.92	0.74	1.04	0.16	0.28	0.634797	1383.43	1283.90	1525.89	222.61	385.58	1518.15	1284.30	1744.26	132.84	230.08
1.04	0.94	1.19	0.15	0.26	0.813012	8411.03	7685.82	9361.83	1214.11	2102.89	8148.24	6893.12	9361.83	712.96	1234.88
0.96	0.82	1.10	0.15	0.27	0.831364	44.77	37.69	57.85	8.02	13.89	45.84	38.78	52.67	4.01	6.95
0.92	0.53	1.46	0.26	0.45	0.769215	789.15	415.91	1295.91	216.14	374.36	775.01	655.63	890.44	67.81	117.45
1.19	0.83	2.03	0.29	0.50	0.498483	2395.58	1244.65	4154.51	680.71	1179.02	1778.52	1504.56	2043.41	155.62	269.54
1.03	0.80	1.39	0.19	0.33	0.862967	5049.75	3742.34	7451.03	1080.51	1871.50	4676.16	3955.87	5372.63	409.16	708.68
1.07	0.92	1.34	0.17	0.29	0.66556	4703.58	3600.23	6556.03	895.89	1551.73	4255.77	3600.23	4889.62	372.37	644.97
0.93	0.70	1.14	0.18	0.30	0.707275	6027.34	4451.45	8285.60	1217.71	2109.14	6318.20	5344.97	7259.23	552.83	957.53
1.15	0.93	1.61	0.21	0.36	0.479658	1663.01	1107.81	2270.77	310.91	538.52	1401.67	1185.76	1610.43	122.64	212.43
1.07	0.82	1.49	0.20	0.35	0.736537	6124.86	5399.07	7214.65	906.76	1570.56	5731.65	4848.77	6585.32	501.51	868.64
1.02	0.79	1.33	0.18	0.32	0.927515	6525.84	5834.53	7271.21	964.26	1670.15	6438.97	5447.14	7397.99	563.40	975.84
0.95	0.77	1.11	0.16	0.28	0.764599	4920.07	3969.70	5931.26	838.41	1452.17	5162.38	4367.19	5931.26	451.70	782.37
1.00	0.54	1.83	0.32	0.55	0.988289	1177.22	546.55	2129.78	371.74	643.87	1011.08	855.33	1161.66	88.47	153.23
0.98	0.81	1.17	0.16	0.28	0.923237	735.13	703.28	756.65	107.99	187.04	752.81	636.85	864.94	65.87	114.09
1.02	0.85	1.25	0.17	0.29	0.918236	4749.40	3968.24	5362.36	726.40	1258.15	4667.23	3948.31	5362.36	408.37	707.33
0.99	0.68	1.42	0.22	0.38	0.954582	3276.72	1759.91	4990.18	794.14	1375.48	3064.47	2592.43	3520.89	268.14	464.43
1.08	0.99	1.27	0.15	0.27	0.62106	4255.64	3275.65	5638.05	746.85	1293.58	3872.09	3275.65	4448.80	338.80	586.82
1.03	0.88	1.23	0.16	0.28	0.869759	5844.36	5030.62	6549.83	871.07	1508.73	5700.76	4822.64	6549.83	498.81	863.96
0.92	0.32	2.40	0.51	0.89	0.864679	61.66	12.51	126.41	24.78	42.91	45.83	38.77	52.65	4.01	6.95
0.91	0.42	1.78	0.35	0.61	0.799061	2489.00	782.01	4480.93	823.44	1426.24	2192.89	1855.11	2519.50	191.87	332.34
1.26	0.71	2.79	0.44	0.76	0.513894	388.89	175.20	784.71	144.36	250.05	244.41	206.76	280.81	21.39	37.04
0.77	0.43	1.07	0.24	0.41	0.421189	3380.16	2076.01	4235.04	761.99	1319.81	4213.56	3564.53	4841.13	368.68	638.57
0.99	0.69	1.40	0.21	0.37	0.96874	12.13	9.70	14.46	2.02	3.50	12.17	10.30	13.98	1.06	1.84
0.93	0.63	1.26	0.20	0.35	0.734439	9297.17	7235.96	10615.77	1604.58	2779.21	9988.86	8450.22	11476.59	874.01	1513.83
1.08	0.58	2.20	0.37	0.64	0.813581	1304.37	574.59	2501.09	449.26	778.13	989.91	837.43	1137.35	86.62	150.02

0.86	0.48	1.31	0.26	0.44	0.607236	5920.55	3666.93	7386.45	1249.08	2163.48	6674.26	5646.18	7668.31	583.99	1011.49
1.03	0.69	1.55	0.23	0.41	0.913957	2782.26	1750.64	4474.87	701.25	1214.60	2507.52	2121.27	2880.98	219.40	380.02
0.84	0.54	1.09	0.21	0.36	0.493066	3317.82	2034.68	4728.45	770.52	1334.58	3771.23	3190.33	4332.92	329.98	571.54
0.87	0.54	1.20	0.22	0.38	0.582625	4379.18	2646.11	5579.00	934.67	1618.90	4855.79	4107.82	5579.00	424.87	735.90
0.94	0.72	1.16	0.17	0.30	0.76159	3866.38	2901.03	5321.86	773.46	1339.67	3991.02	3376.26	4585.44	349.21	604.85
0.81	0.42	1.27	0.27	0.47	0.531307	1312.78	738.03	1651.53	300.06	519.72	1540.94	1303.58	1770.44	134.83	233.53
1.02	0.90	1.19	0.15	0.27	0.885016	790.50	781.92	806.90	111.22	192.63	778.70	658.76	894.68	68.14	118.01
0.86	0.43	1.47	0.30	0.52	0.655096	565.49	246.34	965.60	170.44	295.21	572.76	484.53	658.06	50.12	86.80
0.80	0.45	1.12	0.24	0.41	0.462795	492.56	262.68	665.28	118.25	204.82	579.04	489.85	665.28	50.67	87.75
0.90	0.48	1.54	0.29	0.51	0.751682	429.22	211.07	571.98	100.31	173.74	439.20	371.55	504.61	38.43	66.56
0.80	0.46	1.11	0.23	0.41	0.459369	5602.44	3533.69	7560.08	1266.88	2194.30	6753.89	5713.55	7759.81	590.95	1023.56
1.02	0.98	1.09	0.14	0.25	0.877987	2362.19	1944.06	2870.94	379.81	657.85	2298.04	1944.06	2640.31	201.08	348.27
1.00	0.90	1.12	0.15	0.26	0.986815	2668.62	2537.96	2773.43	385.48	667.67	2680.81	2267.87	3080.08	234.57	406.28
1.06	0.93	1.28	0.16	0.28	0.710032	4188.09	3995.49	4312.74	571.18	989.30	3975.23	3362.90	4567.30	347.83	602.45
0.99	0.76	1.29	0.18	0.32	0.977921	3372.44	2987.56	3709.13	507.55	879.10	3403.29	2879.06	3910.18	297.78	515.77
0.94	0.75	1.11	0.16	0.28	0.740934	4448.99	3996.34	5277.13	734.82	1272.74	4724.00	3996.34	5427.59	413.34	715.93
0.82	0.53	1.03	0.20	0.35	0.440496	4658.96	3407.39	5655.10	928.79	1608.72	5626.42	4759.75	6464.42	492.30	852.69
0.87	0.60	1.10	0.19	0.33	0.558331	5934.05	4668.43	7450.76	1117.35	1935.31	6717.73	5682.96	7718.26	587.79	1018.08
1.00	0.94	1.06	0.14	0.25	0.997738	174.33	156.76	190.11	25.91	44.88	175.22	148.23	201.31	15.33	26.55
1.05	0.80	1.43	0.20	0.34	0.812567	94.69	83.64	109.40	14.01	24.27	90.56	76.61	104.04	7.92	13.72
0.98	0.80	1.16	0.16	0.28	0.897819	195.78	186.44	202.62	28.96	50.16	201.60	170.54	231.62	17.64	30.55
1.12	0.99	1.41	0.17	0.30	0.503797	133.13	120.38	143.02	17.73	30.71	119.77	101.32	137.61	10.48	18.15
1.01	0.59	1.75	0.29	0.51	0.96691	179.61	115.52	252.35	37.12	64.30	170.09	143.89	195.42	14.88	25.78
1.01	0.91	1.12	0.15	0.25	0.965143	8868.24	8121.06	10149.06	1339.52	2320.12	8833.41	7472.75	10149.06	772.91	1338.72
1.00	0.83	1.19	0.16	0.28	0.986638	8732.73	7338.13	10056.87	1366.47	2366.80	8753.18	7404.88	10056.87	765.89	1326.56
1.05	0.87	1.35	0.18	0.30	0.769668	8675.32	7172.87	9468.72	1290.01	2234.37	8241.27	6971.82	9468.72	721.10	1248.98
0.94	0.71	1.17	0.18	0.31	0.747141	5750.83	5005.53	6179.78	915.97	1586.50	6148.45	5201.37	7064.19	537.98	931.81
1.06	0.94	1.26	0.16	0.27	0.718408	5843.26	4345.48	6911.65	950.68	1646.62	5459.52	4618.56	6272.66	477.70	827.40
0.96	0.82	1.08	0.15	0.26	0.805067	3116.03	2982.64	3286.02	470.58	815.06	3269.35	2765.76	3756.29	286.06	495.48
0.87	0.56	1.15	0.21	0.36	0.563085	2225.06	1142.18	2775.68	513.57	889.54	2399.89	2030.22	2757.32	209.99	363.71
0.93	0.62	1.29	0.21	0.37	0.743803	5688.33	2998.54	7451.02	1268.03	2196.29	5757.87	4870.95	6615.44	503.80	872.61
1.02	0.76	1.40	0.20	0.34	0.913544	2248.22	1354.42	2971.35	450.28	779.90	2105.34	1781.04	2418.90	184.21	319.07
0.97	0.68	1.36	0.21	0.36	0.904653	2379.01	1329.31	3153.70	506.64	877.53	2309.97	1954.15	2654.02	202.12	350.08
1.01	0.85	1.21	0.16	0.28	0.953572	4902.29	4092.50	5892.46	784.32	1358.48	4837.67	4092.50	5558.19	423.29	733.16
0.80	0.49	1.05	0.21	0.37	0.432788	4836.41	3324.71	6202.06	1026.31	1777.61	5889.70	4982.48	6766.91	515.34	892.59
1.01	0.72	1.41	0.21	0.36	0.9762	10541.38	8650.35	12481.00	1681.90	2913.14	10439.59	8831.52	11994.45	913.45	1582.14
0.95	0.82	1.05	0.15	0.26	0.763859	7254.81	6800.72	7713.38	1110.32	1923.12	7674.27	6492.16	8817.27	671.49	1163.05
1.08	0.84	1.49	0.20	0.34	0.694555	7065.86	6345.95	8262.38	1027.50	1779.68	6555.85	5546.01	7532.27	573.63	993.55
1.05	0.87	1.35	0.17	0.30	0.762117	3700.52	2873.71	5261.04	734.51	1272.21	3396.97	2873.71	3902.91	297.23	514.82
1.18	0.92	1.80	0.24	0.41	0.431929	3544.36	2977.83	4508.53	544.02	942.27	2962.73	2506.36	3403.99	259.23	449.01
1.07	0.93	1.30	0.16	0.28	0.693347	3356.98	3187.75	3499.69	456.92	791.40	3171.59	2683.05	3643.97	277.51	480.66
1.14	0.94	1.57	0.20	0.34	0.492225	5412.03	4783.03	6327.27	755.18	1308.00	4758.78	4025.76	5467.55	416.39	721.20
0.88	0.53	1.27	0.23	0.40	0.633934	3365.25	2300.25	4027.74	656.10	1136.40	3748.67	3171.24	4306.99	328.00	568.12
1.21	0.98	1.80	0.23	0.40	0.370582	8224.20	6642.43	10266.40	1225.81	2123.16	6757.33	5716.46	7763.76	591.26	1024.08
0.65	0.24	1.14	0.34	0.59	0.387036	5119.48	1864.15	6878.85	1510.10	2615.57	6843.98	5789.76	7863.31	598.84	1037.22
0.92	0.69	1.12	0.18	0.30	0.659768	8144.45	7047.59	8967.37	1335.01	2312.31	8921.90	7547.61	10250.73	780.65	1352.13
0.83	0.56	1.02	0.19	0.34	0.451276	6213.53	4747.40	7460.70	1197.34	2073.85	7422.87	6279.48	8528.42	649.49	1124.95
0.84	0.56	1.06	0.20	0.34	0.488263	7355.09	5598.23	8691.00	1393.46	2413.55	8646.94	7315.00	9934.80	756.59	1310.46
0.97	0.85	1.06	0.15	0.26	0.82746	3312.95	2912.29	3665.83	514.82	891.69	3442.57	2912.29	3955.31	301.22	521.73
0.94	0.75	1.10	0.16	0.28	0.737116	3882.23	3490.92	4577.72	638.12	1105.25	4126.56	3490.92	4741.16	361.07	625.39

0.94	0.74	1.12	0.17	0.29	0.744572	3658.18	3282.50	4379.86	609.44	1055.59	3880.19	3282.50	4458.10	339.51	588.05
0.97	0.76	1.18	0.17	0.29	0.850061	407.53	316.42	557.86	79.47	137.65	411.73	348.31	473.05	36.03	62.40
1.12	0.95	1.47	0.18	0.32	0.533762	10087.46	9126.94	11257.17	1368.21	2369.81	9080.66	7681.91	10433.12	794.54	1376.19
1.03	0.91	1.20	0.15	0.27	0.854584	12449.58	12252.92	12771.71	1742.55	3018.18	12190.80	10312.98	14006.48	1066.68	1847.54
1.05	0.94	1.24	0.16	0.27	0.733421	9239.94	8872.84	9572.98	1267.25	2194.94	8827.85	7468.04	10142.66	772.42	1337.88
1.10	0.97	1.36	0.17	0.29	0.573817	8000.62	7116.69	8460.89	1091.51	1890.56	7332.23	6202.81	8424.29	641.56	1111.21
1.03	0.76	1.43	0.20	0.35	0.891594	1794.79	1269.13	2713.74	402.64	697.40	1656.70	1401.51	1903.45	144.96	251.08
1.16	0.92	1.69	0.22	0.38	0.476096	1459.97	999.64	2292.24	339.58	588.17	1181.66	999.64	1357.65	103.39	179.08
1.06	0.89	1.35	0.17	0.30	0.715225	1189.18	915.68	1681.71	232.98	403.54	1082.41	915.68	1243.63	94.71	164.04
1.03	0.90	1.22	0.16	0.27	0.848013	5071.56	4981.96	5123.19	707.68	1225.75	4956.70	4193.19	5694.95	433.70	751.20
1.01	0.80	1.27	0.17	0.30	0.968739	6917.21	6376.32	7431.31	1008.69	1747.11	6908.78	5844.58	7937.77	604.51	1047.04
0.95	0.75	1.14	0.17	0.29	0.778473	7689.46	6992.90	8187.03	1189.17	2059.70	8145.52	6890.82	9358.70	712.72	1234.47
1.00	0.81	1.23	0.17	0.29	0.994004	1630.06	1372.94	2010.05	269.04	465.99	1622.92	1372.94	1864.64	142.00	245.96
0.94	0.68	1.20	0.19	0.32	0.748631	832.59	695.76	906.96	135.94	235.45	890.51	753.34	1023.14	77.92	134.96
0.95	0.84	1.00	0.15	0.25	0.734278	2812.45	2512.61	3405.06	471.78	817.15	2963.66	2507.15	3405.06	259.32	449.15
0.96	0.82	1.09	0.15	0.26	0.818977	6031.60	4279.94	7081.82	1077.72	1866.67	6163.79	5214.34	7081.82	539.32	934.13
1.03	0.93	1.17	0.15	0.26	0.860784	8680.54	6574.01	9840.90	1408.82	2440.14	8378.79	7088.16	9626.72	733.13	1269.82
0.97	0.83	1.10	0.15	0.26	0.844488	5176.82	4532.33	5910.68	814.91	1411.47	5357.59	4532.33	6155.54	468.78	811.95
0.92	0.73	1.06	0.16	0.28	0.649842	8257.17	7596.25	9077.41	1324.34	2293.83	9031.39	7640.23	10376.51	790.23	1368.72
1.07	0.98	1.25	0.15	0.27	0.661225	2295.31	1768.95	2667.84	359.25	622.24	2131.65	1803.30	2449.14	186.52	323.06
1.05	0.96	1.19	0.15	0.26	0.76503	10469.86	10129.13	11148.84	1457.29	2524.10	10077.77	8525.43	11578.74	881.79	1527.30
0.90	0.62	1.17	0.20	0.34	0.635121	13063.37	8811.99	16318.74	2564.35	4441.58	14203.31	12015.50	16318.74	1242.77	2152.54
0.87	0.58	1.13	0.20	0.35	0.55991	1351.87	1031.90	1551.32	248.03	429.60	1543.46	1305.71	1773.34	135.05	233.91
1.00	0.91	1.09	0.15	0.25	0.992887	2245.01	1714.85	2786.90	385.15	667.10	2221.95	1879.69	2552.88	194.42	336.74
0.95	0.87	1.00	0.14	0.25	0.76621	2174.63	1657.40	2596.53	376.36	651.88	2258.47	1910.58	2594.84	197.61	342.27
1.05	0.97	1.19	0.15	0.26	0.745774	3230.30	3113.40	3459.58	449.19	778.01	3097.61	2620.47	3558.97	271.04	469.45
0.98	0.94	1.02	0.14	0.24	0.918597	2478.43	1991.68	2880.58	402.11	696.47	2507.16	2120.97	2880.58	219.37	379.96
0.95	0.50	1.75	0.32	0.55	0.887719	1129.26	631.89	1641.85	259.85	450.07	1108.38	937.65	1273.46	96.98	167.98
1.25	0.66	2.94	0.47	0.82	0.561551	2944.35	1568.70	5174.41	849.07	1470.64	2079.34	1759.05	2389.03	181.94	315.13
1.07	0.49	2.51	0.45	0.78	0.87101	152.09	68.99	262.85	44.42	76.94	123.80	104.73	142.24	10.83	18.76
0.86	0.54	1.19	0.22	0.38	0.575762	299.83	211.87	344.12	57.82	100.15	341.75	289.11	392.65	29.90	51.79
0.77	0.43	1.05	0.23	0.40	0.410804	569.72	353.76	753.82	130.70	226.38	711.12	601.58	817.03	62.22	107.77
0.94	0.62	1.35	0.22	0.38	0.809287	540.05	395.21	755.57	110.90	192.08	554.84	469.38	637.48	48.55	84.09
1.05	0.75	1.53	0.22	0.38	0.826301	77.98	52.56	122.55	18.67	32.33	69.54	58.82	79.89	6.08	10.54
1.00	0.72	1.39	0.20	0.35	0.999555	55.79	38.38	84.23	12.64	21.90	52.90	44.75	60.78	4.63	8.02
1.00	0.81	1.24	0.17	0.29	0.98806	73.07	58.13	101.00	14.16	24.52	71.03	60.09	81.61	6.21	10.76
1.26	0.98	2.02	0.27	0.46	0.328822	94.23	56.59	157.80	24.59	42.60	67.96	57.49	78.08	5.95	10.30
1.11	0.92	1.48	0.19	0.33	0.573938	44.72	29.86	65.59	9.38	16.25	38.53	32.60	44.27	3.37	5.84
0.86	0.64	1.00	0.17	0.30	0.487924	530.03	387.51	692.72	106.40	184.30	602.69	509.85	692.45	52.73	91.34
0.91	0.70	1.08	0.17	0.29	0.629864	4330.70	2719.60	5287.32	871.25	1509.05	4601.91	3893.06	5287.32	402.66	697.43
0.96	0.66	1.33	0.21	0.36	0.843726	12554.86	9872.91	14676.55	2112.92	3659.68	13048.60	11038.65	14992.05	1141.73	1977.54
0.96	0.75	1.19	0.17	0.30	0.83744	790.37	505.72	950.51	151.92	263.14	796.29	673.64	914.89	69.67	120.68
0.92	0.74	1.07	0.16	0.28	0.66724	2620.84	2403.96	3050.34	432.82	749.67	2841.68	2403.96	3264.92	248.64	430.66
1.06	0.87	1.37	0.18	0.31	0.738658	555.91	369.54	792.97	113.72	196.97	502.66	425.23	577.53	43.98	76.18
0.92	0.46	1.66	0.32	0.55	0.796637	568.97	207.85	887.97	158.90	275.23	531.86	449.94	611.08	46.54	80.60
0.99	0.94	1.04	0.14	0.25	0.964275	3867.07	3075.98	4453.87	624.52	1081.70	3876.51	3279.39	4453.87	339.19	587.49
1.16	0.84	1.87	0.26	0.45	0.527409	888.44	504.23	1342.23	200.50	347.27	712.71	602.93	818.86	62.36	108.01
1.01	0.61	1.68	0.27	0.47	0.96977	770.14	357.47	1162.24	191.50	331.69	688.22	582.21	790.72	60.22	104.30
1.24	0.88	2.17	0.31	0.53	0.414566	911.80	498.57	1465.06	224.84	389.43	671.73	568.26	771.78	58.78	101.80
0.68	0.24	1.32	0.37	0.64	0.452989	1464.66	493.41	2383.88	463.29	802.44	1792.84	1516.68	2059.86	156.87	271.71

0.88	0.66	1.04	0.17	0.30	0.547649	866.15	527.88	1084.10	181.14	313.74	943.56	798.22	1084.10	82.56	143.00
1.03	0.95	1.14	0.15	0.25	0.866959	8659.79	8194.50	9240.95	1231.79	2133.52	8500.60	7191.20	9766.67	743.79	1288.28
0.99	0.87	1.11	0.15	0.26	0.937825	4481.08	3279.05	5681.46	803.21	1391.19	4460.00	3773.00	5124.27	390.24	675.92
1.03	0.98	1.11	0.14	0.25	0.845349	7176.94	6574.24	7911.47	1037.38	1796.80	7009.40	5929.70	8053.37	613.31	1062.29
0.92	0.62	1.27	0.21	0.36	0.735398	5100.98	3929.50	5867.08	887.43	1537.07	5478.43	4634.56	6294.38	479.35	830.26
0.86	0.60	1.07	0.19	0.33	0.515505	2415.56	1914.91	2810.37	440.29	762.61	2796.12	2365.42	3212.58	244.66	423.76
0.95	0.86	1.02	0.15	0.25	0.771347	4477.23	3985.83	4808.96	694.99	1203.76	4711.58	3985.83	5413.32	412.26	714.05
0.98	0.79	1.17	0.16	0.28	0.888696	9202.09	8637.02	9544.13	1369.24	2371.59	9495.73	8033.05	10910.02	830.86	1439.09
0.96	0.79	1.10	0.16	0.27	0.790833	6517.25	6223.54	6906.07	990.44	1715.49	6871.06	5812.67	7894.43	601.21	1041.32
1.03	0.93	1.18	0.15	0.26	0.828228	9831.02	9602.58	10262.24	1374.79	2381.21	9579.41	8103.84	11006.16	838.18	1451.78
0.93	0.73	1.08	0.16	0.28	0.67557	417.53	272.65	504.30	81.10	140.47	438.93	371.32	504.30	38.41	66.52
1.06	1.00	1.21	0.15	0.26	0.676226	7984.57	7588.25	8658.71	1103.15	1910.70	7549.78	6386.84	8674.24	660.59	1144.18
1.02	0.92	1.14	0.15	0.26	0.907753	10544.78	10101.26	11046.00	1500.76	2599.39	10433.90	8826.70	11987.91	912.95	1581.27
1.02	0.99	1.08	0.14	0.24	0.880596	9156.47	8199.54	10326.55	1355.56	2347.90	8987.90	7603.44	10326.55	786.43	1362.13
0.98	0.80	1.19	0.17	0.29	0.924657	1348.21	1264.73	1392.71	199.05	344.77	1380.14	1167.55	1585.70	120.76	209.16
0.99	0.75	1.29	0.19	0.32	0.952003	1765.03	1537.85	1957.17	269.69	467.11	1790.95	1515.08	2057.69	156.71	271.42
1.04	0.72	1.57	0.23	0.40	0.85825	7974.26	6262.53	10052.27	1334.45	2311.34	7569.40	6403.44	8696.78	662.31	1147.16
0.91	0.75	1.00	0.15	0.27	0.603069	1787.91	1224.07	2209.49	343.53	595.01	1920.38	1624.57	2206.39	168.03	291.04
0.98	0.82	1.16	0.16	0.27	0.927597	7054.85	5836.99	9370.53	1296.00	2244.74	7041.70	5957.03	8090.48	616.14	1067.18
1.00	0.92	1.09	0.14	0.25	0.996455	11075.81	10226.10	12746.63	1689.04	2925.51	11094.26	9385.35	12746.63	970.73	1681.35
0.92	0.78	1.00	0.15	0.26	0.634189	7107.46	5986.69	8844.23	1259.17	2180.94	7673.46	6491.47	8816.34	671.42	1162.93
0.73	0.32	1.19	0.30	0.52	0.43588	495.89	154.30	767.17	150.74	261.09	563.32	476.55	647.22	49.29	85.37
1.06	0.93	1.28	0.16	0.28	0.710264	9118.79	8072.34	9912.84	1289.74	2233.89	8627.82	7298.83	9912.84	754.92	1307.56
1.03	0.92	1.18	0.15	0.26	0.857126	7087.91	5299.59	9152.43	1249.96	2165.00	6777.17	5733.25	7786.56	592.99	1027.09
0.97	0.88	1.03	0.14	0.25	0.84175	5638.14	4902.60	6868.36	935.32	1620.02	5795.28	4902.60	6658.42	507.08	878.28
1.03	0.94	1.18	0.15	0.26	0.821992	5394.63	4951.01	6015.96	780.35	1351.60	5236.10	4429.55	6015.96	458.15	793.54
1.08	0.86	1.48	0.20	0.34	0.671837	5418.72	4293.10	6243.77	820.93	1421.89	4977.87	4211.10	5719.27	435.56	754.40
1.09	0.89	1.45	0.19	0.32	0.644346	7080.76	6568.48	8015.16	989.09	1713.15	6535.17	5528.52	7508.51	571.82	990.42
1.11	0.94	1.47	0.18	0.32	0.541711	4087.80	3470.40	4571.55	572.18	991.04	3674.23	3108.26	4221.46	321.49	556.83
1.08	0.82	1.52	0.21	0.36	0.709459	2652.11	2013.51	3141.16	420.41	728.17	2438.48	2062.86	2801.66	213.36	369.55
1.09	0.80	1.63	0.23	0.39	0.686655	4337.71	3140.67	5378.94	723.15	1252.53	3911.02	3308.58	4493.52	342.21	592.72
1.05	0.87	1.33	0.17	0.30	0.785336	3388.73	2813.19	3714.34	504.24	873.36	3232.84	2734.87	3714.34	282.87	489.94
0.94	0.79	1.04	0.15	0.26	0.706743	4872.71	3414.16	5862.75	898.30	1555.91	5102.75	4316.75	5862.75	446.48	773.33
0.92	0.74	1.06	0.16	0.28	0.668231	7716.98	7176.89	8435.55	1225.94	2123.39	8392.77	7099.99	9642.79	734.35	1271.94
0.89	0.65	1.08	0.18	0.31	0.577345	5410.16	4563.85	6120.43	926.07	1604.00	6089.39	5151.41	6996.34	532.81	922.86
1.00	0.60	1.66	0.27	0.47	0.994194	4948.77	3318.12	6726.31	975.20	1689.09	4777.52	4041.61	5489.08	418.03	724.04
1.01	0.78	1.29	0.18	0.31	0.9774	3548.94	3197.73	3884.32	524.95	909.24	3546.70	3000.38	4074.94	310.33	537.51
0.94	0.51	1.60	0.29	0.50	0.832101	4417.32	2638.97	6098.12	954.06	1652.49	4491.97	3800.05	5161.00	393.04	680.77
0.93	0.72	1.11	0.17	0.29	0.687626	1308.65	823.69	1733.98	269.57	466.92	1361.33	1151.64	1564.09	119.11	206.31
0.85	0.58	1.05	0.19	0.33	0.491744	1812.28	984.28	2433.21	418.27	724.46	2009.11	1699.63	2308.34	175.79	304.48
1.00	0.91	1.12	0.15	0.26	0.982051	6118.01	4627.32	6944.23	1010.94	1751.00	6044.03	5113.04	6944.23	528.84	915.98
1.07	0.86	1.43	0.19	0.32	0.718277	169.03	109.04	246.68	35.92	62.21	150.60	127.40	173.02	13.18	22.82
1.08	0.90	1.38	0.18	0.30	0.669137	166.43	113.77	235.93	33.29	57.65	148.84	125.91	171.01	13.02	22.56
1.09	0.76	1.70	0.24	0.42	0.713656	209.80	112.64	340.93	54.21	93.89	174.93	147.99	200.98	15.31	26.51
1.08	0.92	1.36	0.17	0.30	0.654939	166.59	116.37	233.29	32.52	56.32	149.35	126.34	171.59	13.07	22.63
1.04	0.76	1.50	0.21	0.37	0.840863	116.11	66.02	178.52	27.63	47.86	103.28	87.37	118.66	9.04	15.65
0.92	0.73	1.06	0.16	0.28	0.650399	3706.22	3413.92	4073.37	594.09	1029.00	4052.71	3428.45	4656.32	354.61	614.20
1.02	0.86	1.23	0.16	0.28	0.904538	6746.40	5569.32	8154.77	1080.23	1871.02	6583.40	5569.32	7563.93	576.04	997.73
1.06	0.91	1.31	0.17	0.29	0.721732	3067.63	2427.49	3768.37	492.83	853.60	2869.50	2427.49	3296.88	251.08	434.88
1.16	1.00	1.55	0.19	0.33	0.420432	2559.01	1819.61	3374.79	443.27	767.76	2160.81	1827.97	2482.63	189.07	327.47

0.97	0.78	1.16	0.16	0.28	0.845566	4009.46	2653.46	5335.03	792.71	1373.02	4019.42	3400.29	4618.07	351.69	609.15
0.87	0.43	1.55	0.31	0.54	0.695826	441.27	230.77	618.58	104.58	181.14	472.05	399.34	542.36	41.30	71.54
0.80	0.49	1.03	0.21	0.37	0.420851	4486.52	3117.06	5539.20	935.34	1620.06	5511.12	4662.21	6331.94	482.21	835.22
0.83	0.50	1.14	0.22	0.39	0.506483	5271.48	3564.65	6245.63	1073.36	1859.11	6213.96	5256.79	7139.47	543.71	941.74
0.87	0.50	1.34	0.25	0.44	0.651166	7320.10	4631.14	9197.84	1510.85	2616.86	8090.10	6843.94	9295.04	707.87	1226.07
0.86	0.60	1.07	0.19	0.33	0.525199	4941.41	3330.07	6817.80	1066.42	1847.09	5527.87	4676.38	6351.18	483.68	837.76
0.92	0.69	1.12	0.17	0.30	0.677836	7127.07	5259.28	9741.59	1436.66	2488.38	7542.08	6380.34	8665.40	659.92	1143.02
1.13	0.90	1.61	0.21	0.36	0.536035	7131.43	6334.16	8559.31	1031.48	1786.58	6302.04	5331.30	7240.66	551.42	955.08
0.82	0.48	1.17	0.23	0.41	0.511216	5801.78	3137.91	8751.90	1479.25	2562.14	6519.82	5515.54	7490.88	570.47	988.09
0.97	0.54	1.70	0.30	0.52	0.918602	3026.85	1469.03	5307.40	911.09	1578.05	2723.67	2304.13	3129.34	238.32	412.78
0.93	0.80	1.02	0.15	0.26	0.692218	6668.26	4729.37	8235.60	1235.91	2140.66	7004.12	5925.23	8047.31	612.85	1061.49
1.14	0.66	2.24	0.36	0.62	0.683831	3062.52	1489.07	5791.59	1020.60	1767.72	2254.11	1906.90	2589.84	197.23	341.61
1.05	0.57	2.02	0.34	0.59	0.879385	3255.15	1501.79	6057.49	1068.02	1849.86	2607.86	2206.16	2996.28	228.18	395.23
0.96	0.70	1.28	0.19	0.34	0.855175	10929.83	9081.88	12299.88	1755.17	3040.04	11349.87	9601.59	13040.31	993.10	1720.09
1.01	0.79	1.30	0.18	0.31	0.967949	6381.13	5761.68	6985.67	941.41	1630.57	6363.60	5383.38	7311.39	556.81	964.41
0.84	0.56	1.05	0.20	0.34	0.478526	6941.53	5295.86	8234.87	1319.47	2285.39	8193.12	6931.09	9413.40	716.89	1241.68
0.88	0.66	1.03	0.17	0.30	0.542351	1925.55	1666.99	2263.53	335.40	580.94	2182.26	1846.12	2507.29	190.94	330.73
0.86	0.58	1.09	0.20	0.34	0.52347	2157.35	1656.41	2509.97	399.96	692.76	2497.24	2112.58	2869.18	218.50	378.46
1.12	0.86	1.63	0.22	0.38	0.584196	2280.47	2008.57	2792.04	341.50	591.50	2030.44	1717.68	2332.86	177.66	307.72
0.89	0.60	1.18	0.20	0.35	0.619592	3363.10	2576.96	3774.66	603.51	1045.31	3755.52	3177.04	4314.86	328.60	569.16
1.07	0.91	1.32	0.17	0.29	0.702292	1069.03	752.81	1476.50	205.22	355.45	972.82	822.97	1117.71	85.12	147.43
0.98	0.76	1.24	0.18	0.31	0.926986	4060.60	2552.70	5654.79	848.50	1469.65	3954.15	3345.07	4543.07	345.98	599.26
0.94	0.74	1.11	0.17	0.29	0.723018	7082.92	6429.35	7646.54	1113.63	1928.86	7607.77	6435.90	8740.87	665.67	1152.97
0.92	0.74	1.07	0.16	0.28	0.666901	4522.65	4178.20	4947.97	720.08	1247.22	4922.88	4164.58	5656.09	430.74	746.07
0.97	0.76	1.19	0.17	0.30	0.862476	222.94	143.17	302.97	45.42	78.67	221.56	187.43	254.56	19.39	33.58
1.09	0.88	1.48	0.19	0.33	0.64132	1406.13	906.57	2082.21	303.20	525.16	1223.37	1034.93	1405.58	107.04	185.40
1.04	0.89	1.26	0.16	0.28	0.80931	8416.62	5924.49	11421.53	1596.85	2765.82	7863.77	6652.47	9034.99	688.07	1191.77
0.92	0.73	1.07	0.16	0.28	0.660628	5754.42	3745.30	7434.69	1151.46	1994.40	6052.42	5120.13	6953.86	529.58	917.25
0.88	0.65	1.07	0.18	0.31	0.563124	6839.17	5771.90	7773.17	1177.22	2039.00	7733.76	6542.48	8885.61	676.69	1172.06
1.01	0.73	1.40	0.20	0.35	0.9733	6409.52	5312.99	7533.32	1012.80	1754.22	6349.88	5371.78	7295.63	555.61	962.34
1.01	0.72	1.43	0.21	0.37	0.963094	2929.06	1637.65	4441.00	693.73	1201.57	2694.82	2279.72	3096.18	235.79	408.40
0.90	0.70	1.04	0.17	0.29	0.584797	961.95	740.28	1255.13	184.99	320.42	1052.57	890.44	1209.34	92.10	159.52
1.06	0.94	1.28	0.16	0.28	0.696716	5916.44	5271.76	6417.62	831.86	1440.82	5585.69	4725.30	6417.62	488.74	846.52
0.96	0.74	1.19	0.17	0.30	0.820827	2902.14	2585.25	3061.98	448.34	776.55	3043.67	2574.84	3496.99	266.32	461.27
0.93	0.65	1.24	0.20	0.34	0.748194	5212.54	4189.80	5842.21	875.13	1515.77	5577.18	4718.09	6407.84	487.99	845.23
0.97	0.89	1.04	0.14	0.25	0.859721	1167.18	1054.95	1378.34	186.71	323.38	1199.67	1014.87	1378.34	104.97	181.81
1.06	0.61	1.98	0.32	0.56	0.838816	186.86	115.96	277.91	41.27	71.49	165.87	140.32	190.57	14.51	25.14
1.29	0.91	2.37	0.34	0.58	0.360346	38.05	28.28	56.48	7.66	13.27	28.14	23.81	32.33	2.46	4.26
1.42	0.88	3.23	0.48	0.84	0.331061	78.16	49.60	134.73	21.21	36.73	49.35	41.75	56.70	4.32	7.48
1.42	1.00	2.86	0.41	0.71	0.269633	70.79	46.65	112.41	16.20	28.05	46.41	39.26	53.33	4.06	7.03
0.95	0.79	1.09	0.16	0.27	0.774354	841.44	691.43	1094.96	153.63	266.10	872.29	737.92	1002.20	76.32	132.20
0.88	0.43	1.57	0.31	0.55	0.708213	2869.71	984.41	4893.40	888.42	1538.79	2717.47	2298.88	3122.21	237.77	411.84
1.04	0.76	1.49	0.21	0.37	0.840795	40.61	29.39	48.35	6.83	11.82	38.37	32.46	44.09	3.36	5.82
1.01	0.87	1.17	0.16	0.27	0.966739	1405.67	1179.47	1645.77	220.52	381.95	1394.24	1179.47	1601.89	121.99	211.30
0.95	0.50	1.73	0.32	0.55	0.88285	8254.40	4678.59	11904.46	1877.16	3251.33	8138.66	6885.02	9350.83	712.12	1233.43
0.93	0.59	1.37	0.23	0.40	0.780594	5859.78	4200.92	7161.68	1076.78	1865.03	6185.24	5232.49	7106.47	541.20	937.38
1.01	0.99	1.05	0.14	0.24	0.929811	771.02	637.88	873.87	119.18	206.43	760.59	643.43	873.87	66.55	115.27
1.06	0.92	1.29	0.16	0.28	0.727671	222.71	213.15	230.75	30.47	52.77	212.07	179.40	243.65	18.56	32.14
0.99	0.83	1.16	0.16	0.27	0.936141	2111.79	1750.12	2805.40	387.59	671.32	2103.93	1779.85	2417.29	184.09	318.85
1.05	0.93	1.24	0.16	0.27	0.767641	2281.83	2040.47	2513.36	326.62	565.72	2187.55	1850.59	2513.36	191.41	331.53

0.97	0.63	1.44	0.23	0.40	0.890505	2710.80	1990.74	3365.50	484.23	838.72	2762.09	2336.63	3173.47	241.68	418.60
0.92	0.51	1.53	0.28	0.48	0.783761	1370.06	555.35	2259.96	394.39	683.10	1288.30	1089.86	1480.18	112.72	195.24
1.08	0.87	1.47	0.19	0.33	0.662426	348.21	259.42	517.35	74.11	128.36	306.65	259.42	352.32	26.83	46.47
1.00	0.91	1.10	0.15	0.25	0.997453	1810.79	1519.79	2263.73	303.31	525.35	1796.52	1519.79	2064.10	157.19	272.27
0.93	0.75	1.06	0.16	0.28	0.677573	3783.18	2515.13	4847.33	742.93	1286.80	3966.87	3355.83	4557.69	347.09	601.19
0.95	0.79	1.08	0.16	0.27	0.765612	4464.51	3077.87	5702.94	847.55	1468.00	4589.34	3882.42	5272.87	401.56	695.52
0.96	0.87	1.01	0.14	0.25	0.787769	4114.49	3126.70	4886.88	709.17	1228.32	4253.39	3598.21	4886.88	372.16	644.61
1.02	0.99	1.09	0.14	0.25	0.869447	3775.69	3101.94	4593.99	607.36	1051.98	3666.75	3101.94	4212.88	320.84	555.70
0.96	0.88	1.00	0.14	0.25	0.78985	4488.90	3450.24	5333.08	768.60	1331.26	4641.75	3926.75	5333.08	406.15	703.46
0.99	0.93	1.03	0.14	0.25	0.924669	4595.67	3643.96	5330.46	749.85	1298.77	4639.46	3924.82	5330.46	405.95	703.12
0.97	0.88	1.05	0.15	0.25	0.858658	3551.19	3255.19	3706.20	534.30	925.43	3673.45	3107.61	4220.58	321.42	556.72
1.07	0.81	1.52	0.21	0.36	0.730606	5252.07	4551.93	6290.30	791.49	1370.90	4889.05	4135.96	5617.22	427.78	740.94
0.94	0.51	1.62	0.29	0.51	0.838743	4928.95	2938.63	6826.42	1067.10	1848.27	4996.34	4226.73	5740.49	437.17	757.20
1.00	0.80	1.24	0.17	0.30	0.989415	4370.50	3681.43	5434.16	728.56	1261.90	4351.76	3681.43	4999.91	380.77	659.52
0.86	0.62	1.03	0.18	0.31	0.501273	5518.44	4524.30	6629.74	1007.82	1745.60	6384.75	5401.27	7335.68	558.66	967.62
0.98	0.80	1.16	0.16	0.28	0.890578	3227.37	2656.91	3787.33	523.74	907.15	3296.37	2788.61	3787.33	288.43	499.57
1.10	0.97	1.36	0.17	0.29	0.576146	6177.98	5703.13	6538.11	828.05	1434.23	5674.21	4800.18	6519.32	496.48	859.94
1.17	0.89	1.81	0.24	0.42	0.47417	9058.79	7673.82	11709.31	1436.87	2488.73	7634.91	6458.86	8772.05	668.04	1157.08
0.94	0.76	1.12	0.16	0.28	0.752892	10811.13	9679.57	12827.40	1781.58	3085.79	11442.05	9679.57	13146.22	1001.16	1734.06
0.94	0.81	1.03	0.15	0.26	0.72435	13551.99	12642.80	14540.68	2099.65	3636.70	14466.95	12238.52	16621.65	1265.83	2192.49
1.15	0.59	2.60	0.43	0.75	0.705507	572.65	298.50	973.86	158.18	273.98	443.35	375.06	509.38	38.79	67.19
0.91	0.70	1.08	0.17	0.29	0.628229	2858.08	2525.83	3170.91	468.89	812.14	3154.83	2668.87	3624.70	276.04	478.12
1.04	0.93	1.19	0.15	0.26	0.820172	2067.11	1684.81	2379.83	318.47	551.60	1991.59	1684.81	2288.21	174.26	301.83
0.77	0.43	1.07	0.24	0.41	0.415916	1874.77	1149.30	2357.30	424.36	735.01	2345.35	1984.08	2694.66	205.21	355.44
0.94	0.78	1.05	0.16	0.27	0.709784	5095.69	4614.02	5780.93	816.75	1414.65	5454.15	4614.02	6266.49	477.23	826.59
1.04	0.93	1.20	0.15	0.26	0.808968	3755.79	3052.53	4349.83	580.07	1004.72	3608.35	3052.53	4145.77	315.72	546.85
0.88	0.67	1.00	0.17	0.29	0.514749	4941.81	4342.58	5699.24	854.57	1480.15	5654.63	4783.62	6496.83	494.77	856.97
0.86	0.51	1.24	0.23	0.41	0.593966	4429.39	2960.11	5282.95	885.87	1534.37	5019.54	4246.35	5767.14	439.20	760.72
0.96	0.85	1.02	0.15	0.25	0.775226	3524.27	3160.63	4231.40	581.76	1007.64	3682.88	3115.58	4231.40	322.25	558.15
0.99	0.90	1.09	0.15	0.25	0.972528	4196.01	3543.20	5238.37	703.97	1219.30	4188.35	3543.20	4812.16	366.47	634.75
0.91	0.44	1.70	0.33	0.57	0.785688	1258.73	422.93	2211.98	401.64	695.66	1135.49	960.58	1304.61	99.35	172.09
1.04	0.90	1.24	0.16	0.28	0.820697	6502.77	5676.37	7224.40	951.60	1648.21	6287.89	5319.33	7224.40	550.18	952.94
1.11	0.94	1.45	0.18	0.31	0.551172	1207.04	904.33	1561.56	203.91	353.19	1068.99	904.33	1228.21	93.53	162.01
0.97	0.63	1.46	0.24	0.41	0.902049	4068.50	2965.73	5092.26	731.85	1267.60	4126.49	3490.86	4741.08	361.06	625.38
1.03	0.99	1.10	0.14	0.25	0.83157	10091.63	9173.82	11224.02	1464.72	2536.97	9826.97	8313.27	11290.59	859.84	1489.29
1.12	0.93	1.53	0.19	0.34	0.524401	2432.58	2177.85	2806.92	337.33	584.27	2166.81	1833.04	2489.53	189.59	328.38
1.16	0.99	1.60	0.20	0.35	0.414354	1331.60	1131.45	1550.70	184.18	319.01	1142.50	966.52	1312.67	99.97	173.15
1.10	0.99	1.33	0.16	0.28	0.565461	5438.57	4949.89	5736.56	733.12	1269.81	4992.92	4223.83	5736.56	436.87	756.69
1.07	0.53	2.35	0.41	0.71	0.848609	4997.93	2525.34	8277.17	1346.69	2332.53	4170.02	3527.69	4791.10	364.87	631.97
1.09	0.77	1.70	0.24	0.42	0.698558	2148.74	1710.43	2788.81	360.38	624.20	1937.09	1638.71	2225.60	169.49	293.57
0.86	0.63	1.00	0.18	0.30	0.478531	1805.77	1517.32	2118.44	324.58	562.18	2105.93	1781.54	2419.58	184.27	319.16
0.82	0.55	1.01	0.19	0.33	0.437837	253.56	193.51	309.46	49.50	85.74	304.64	257.72	350.01	26.66	46.17
1.18	0.86	1.91	0.26	0.46	0.479405	11256.29	9272.39	15109.85	1905.53	3300.48	9339.05	7900.51	10730.00	817.15	1415.35
0.92	0.63	1.23	0.20	0.35	0.705958	4624.72	3604.15	5230.38	801.97	1389.05	5014.07	4241.73	5760.87	438.72	759.89
0.90	0.35	2.05	0.43	0.75	0.810303	1986.74	769.76	3285.73	581.08	1006.46	1895.06	1603.16	2177.31	165.82	287.20
1.07	0.97	1.26	0.16	0.27	0.662515	4767.69	4367.11	5149.23	658.89	1141.24	4481.73	3791.38	5149.23	392.14	679.21
1.00	0.95	1.05	0.14	0.24	0.995834	3559.79	2999.59	4278.59	571.90	990.55	3545.76	2999.59	4073.87	310.25	537.37
1.04	0.97	1.17	0.15	0.25	0.76952	8132.70	7653.50	8991.32	1156.91	2003.82	7825.76	6620.32	8991.32	684.74	1186.01
1.05	0.95	1.24	0.15	0.27	0.736854	9861.25	9477.71	10243.17	1353.99	2345.18	9429.66	7977.15	10834.10	825.08	1429.08
1.06	0.97	1.23	0.15	0.26	0.70703	5013.18	4618.64	5468.31	700.97	1214.11	4759.45	4026.32	5468.31	416.44	721.30

1.07	0.97	1.27	0.16	0.27	0.656974	8476.58	8007.43	8853.85	1149.82	1991.55	7966.83	6739.65	9153.40	697.08	1207.39
0.69	0.27	1.21	0.33	0.58	0.423848	2163.78	835.56	3339.50	645.49	1118.02	2738.05	2316.29	3145.85	239.57	414.96
0.61	0.20	1.11	0.36	0.63	0.36642	5026.06	1596.36	6965.70	1567.12	2714.33	6930.38	5862.86	7962.59	606.40	1050.31
0.88	0.59	1.15	0.20	0.35	0.583948	5277.03	4038.63	6000.04	958.36	1659.93	5969.62	5050.09	6858.73	522.33	904.71
1.14	0.99	1.50	0.18	0.32	0.447851	1687.99	1482.63	1876.69	226.46	392.25	1483.67	1255.13	1704.65	129.82	224.85
0.96	0.77	1.15	0.16	0.28	0.821141	6065.42	5334.11	7256.43	994.58	1722.65	6305.36	5334.11	7244.48	551.71	955.59
0.92	0.55	1.40	0.25	0.42	0.755816	5596.80	3785.41	7032.90	1084.09	1877.70	5941.82	5026.57	6826.79	519.90	900.49
0.86	0.60	1.07	0.19	0.33	0.516721	7268.47	5760.17	8452.74	1324.38	2293.90	8409.88	7114.46	9662.44	735.85	1274.53
0.94	0.57	1.45	0.25	0.43	0.808892	5936.23	4037.36	7559.81	1141.67	1977.44	6180.03	5228.09	7100.48	540.74	936.59
0.99	0.94	1.03	0.14	0.24	0.94137	7198.60	6316.73	8368.76	1124.79	1948.19	7283.90	6161.92	8368.76	637.33	1103.89
0.93	0.76	1.05	0.16	0.27	0.670495	7824.33	6384.71	10028.31	1429.34	2475.69	8345.48	7059.98	9588.45	730.22	1264.77
0.97	0.88	1.03	0.14	0.25	0.82519	8799.37	7678.27	10725.88	1464.22	2536.11	9076.35	7678.27	10428.18	794.17	1375.54
0.92	0.76	1.03	0.16	0.27	0.642935	7376.62	6085.19	9142.96	1306.14	2262.31	7957.74	6731.97	9142.96	696.29	1206.01
0.93	0.79	1.01	0.15	0.26	0.659049	6662.15	5662.84	8215.10	1161.79	2012.29	7150.16	6048.78	8215.10	625.63	1083.62
1.02	0.77	1.37	0.19	0.33	0.928624	11145.51	9718.38	12689.96	1678.92	2907.97	10972.28	9282.16	12606.48	960.06	1662.87
1.07	0.87	1.42	0.18	0.32	0.70775	1128.12	915.99	1259.59	168.08	291.12	1052.09	890.03	1208.79	92.06	159.45
0.98	0.86	1.10	0.15	0.26	0.913283	2495.92	2152.17	2819.76	387.66	671.45	2544.04	2152.17	2922.94	222.60	385.55
0.95	0.71	1.19	0.18	0.31	0.774828	3750.57	3254.00	4001.25	594.32	1029.40	3980.96	3367.75	4573.88	348.33	603.32
1.00	0.80	1.26	0.17	0.30	0.984966	6522.56	6021.55	6973.29	952.91	1650.49	6539.52	5532.20	7513.51	572.20	991.08
0.96	0.78	1.13	0.16	0.28	0.817804	8795.02	8307.74	9267.01	1329.55	2302.85	9220.02	7799.81	10593.25	806.74	1397.31
0.81	0.42	1.28	0.27	0.47	0.541634	926.86	519.91	1173.57	211.68	366.65	1081.58	914.98	1242.67	94.64	163.91
0.83	0.38	1.48	0.32	0.56	0.618198	1798.40	874.76	2510.50	445.45	771.55	1999.75	1691.72	2297.59	174.97	303.07
0.87	0.65	1.00	0.17	0.30	0.495726	3404.78	2919.05	3955.10	600.21	1039.59	3935.04	3328.91	4521.13	344.31	596.36
1.25	0.88	2.19	0.31	0.54	0.408558	2330.42	1814.60	3351.83	443.53	768.22	1805.40	1527.31	2074.30	157.97	273.61
1.15	0.91	1.70	0.22	0.38	0.486796	1470.57	1150.59	1810.50	225.00	389.71	1262.59	1068.10	1450.63	110.47	191.35
0.91	0.62	1.23	0.20	0.35	0.694442	5348.92	4132.70	6062.91	936.05	1621.28	5821.48	4924.76	6688.52	509.37	882.25
1.09	0.97	1.34	0.16	0.28	0.582438	1066.58	959.12	1127.70	145.09	251.30	981.51	830.33	1127.70	85.88	148.75
0.94	0.70	1.21	0.18	0.32	0.775112	7547.47	6421.23	8168.09	1210.39	2096.46	8012.25	6778.08	9205.59	701.06	1214.27
0.95	0.58	1.48	0.25	0.44	0.844848	5554.76	3778.90	7149.74	1067.71	1849.33	5706.57	4827.56	6556.50	499.32	864.84
1.03	0.83	1.31	0.18	0.30	0.875966	293.83	239.26	373.18	49.51	85.76	282.82	239.26	324.94	24.75	42.86
1.05	0.97	1.20	0.15	0.26	0.733508	3047.33	2361.81	3474.60	477.83	827.62	2877.06	2433.89	3305.57	251.74	436.02
0.96	0.85	1.04	0.15	0.25	0.804991	3173.65	2928.49	3339.27	482.04	834.93	3322.33	2810.58	3817.16	290.70	503.51
1.01	0.76	1.35	0.19	0.33	0.958482	6166.38	4633.17	6947.27	1018.66	1764.37	6046.69	5115.28	6947.27	529.08	916.39
0.92	0.74	1.04	0.16	0.28	0.637386	5842.12	4675.15	7530.94	1085.57	1880.25	6288.99	5320.26	7225.67	550.28	953.11
1.02	0.80	1.33	0.18	0.32	0.917464	5285.43	3331.07	7556.36	1119.64	1939.27	4943.66	4182.16	5679.97	432.56	749.22
1.02	0.71	1.50	0.22	0.39	0.931664	10929.27	8622.32	13486.19	1813.87	3141.72	10625.14	8988.49	12207.64	929.68	1610.26
1.02	0.96	1.10	0.14	0.25	0.903941	8587.29	7090.63	10589.71	1404.02	2431.84	8381.71	7090.63	9630.08	733.39	1270.26
1.02	0.99	1.08	0.14	0.24	0.889792	6153.65	5503.16	6950.81	913.54	1582.30	6049.76	5117.88	6950.81	529.34	916.85
1.05	0.83	1.42	0.19	0.33	0.781331	7146.51	5601.57	8085.24	1108.70	1920.33	6747.73	5708.34	7752.74	590.42	1022.63
0.99	0.70	1.38	0.21	0.36	0.961791	9156.85	7425.31	10781.16	1482.88	2568.42	9217.11	7797.35	10589.90	806.48	1396.87
0.97	0.82	1.13	0.16	0.27	0.869315	3625.44	3154.31	4227.91	577.07	999.51	3728.65	3154.31	4284.00	326.25	565.08
0.88	0.63	1.07	0.18	0.32	0.550393	7203.61	5931.26	8242.39	1263.90	2189.14	8200.59	6937.41	9421.98	717.54	1242.81
1.02	0.81	1.32	0.18	0.31	0.8993	1571.35	1283.54	2019.42	269.45	466.70	1517.25	1283.54	1743.22	132.76	229.94
1.01	0.74	1.41	0.20	0.35	0.942887	4220.13	3437.85	5762.29	795.78	1378.33	4063.82	3437.85	4669.08	355.58	615.88
0.93	0.55	1.47	0.26	0.45	0.795821	9621.83	6312.52	12465.90	1911.46	3310.75	10035.94	8490.05	11530.69	878.13	1520.96
0.90	0.61	1.21	0.20	0.35	0.662404	1126.06	857.20	1485.59	218.98	379.29	1223.91	1035.38	1406.20	107.09	185.49
0.85	0.58	1.07	0.19	0.33	0.503753	2493.79	1936.74	2921.30	462.97	801.88	2906.49	2458.79	3339.38	254.31	440.48
1.02	0.87	1.21	0.16	0.27	0.915293	1835.35	1520.99	2187.15	290.56	503.27	1797.94	1520.99	2065.73	157.32	272.48
1.01	0.84	1.22	0.16	0.28	0.959908	1918.36	1602.43	2323.21	309.24	535.61	1894.20	1602.43	2176.32	165.74	287.07
0.98	0.77	1.23	0.17	0.30	0.921198	1200.11	1090.70	1274.47	179.67	311.21	1228.90	1039.61	1411.93	107.53	186.24

1.08	0.77	1.63	0.23	0.40	0.733908	2173.52	1760.31	2756.55	354.69	614.34	1993.55	1686.47	2290.47	174.43	302.13
1.12	0.89	1.58	0.21	0.36	0.564275	3011.57	2703.00	3585.10	433.96	751.65	2689.29	2275.04	3089.83	235.31	407.57
1.00	0.86	1.17	0.16	0.27	0.979385	841.11	707.56	986.50	132.25	229.07	836.40	707.56	960.97	73.18	126.76
0.89	0.71	1.01	0.16	0.28	0.561834	7825.15	7168.71	8884.05	1307.29	2264.29	8774.25	7422.70	10081.08	767.73	1329.75
0.90	0.72	1.03	0.16	0.28	0.596734	5221.32	4763.60	6004.05	871.09	1508.77	5787.85	4896.32	6649.89	506.43	877.16
0.94	0.82	1.03	0.15	0.26	0.733118	1600.36	1150.51	1976.43	292.48	506.59	1665.66	1409.09	1913.74	145.74	252.43
0.97	0.90	1.03	0.14	0.25	0.867832	4197.37	3234.18	5068.37	715.38	1239.08	4267.82	3610.42	4903.46	373.43	646.79
0.83	0.47	1.22	0.25	0.43	0.536697	3007.91	1271.03	4512.96	809.94	1402.86	3223.32	2726.82	3703.40	282.04	488.50
0.85	0.48	1.26	0.25	0.43	0.576388	3014.76	1279.58	4586.66	813.89	1409.70	3161.93	2674.88	3632.86	276.66	479.20
0.87	0.53	1.25	0.23	0.40	0.61387	1425.91	666.45	2122.50	365.33	632.76	1481.23	1253.07	1701.84	129.61	224.48
0.90	0.68	1.07	0.17	0.30	0.598028	4613.24	2831.36	6055.25	970.33	1680.65	4927.98	4168.90	5661.95	431.19	746.84
0.98	0.84	1.11	0.15	0.26	0.877648	4276.04	3035.33	5475.80	789.72	1367.83	4295.09	3633.49	4934.80	375.81	650.93
1.00	0.98	1.01	0.14	0.24	0.988464	4162.50	3526.33	4851.76	653.47	1131.85	4168.41	3526.33	4789.25	364.73	631.73
1.01	0.99	1.04	0.14	0.24	0.942119	5454.06	4771.46	6212.63	825.87	1430.45	5407.27	4574.36	6212.62	473.13	819.48
0.98	0.67	1.39	0.21	0.37	0.916929	1718.89	940.65	2312.35	372.17	644.62	1656.88	1401.66	1903.65	144.97	251.10
1.10	0.96	1.38	0.17	0.29	0.570539	3847.17	3541.58	4111.79	516.08	893.87	3523.62	2980.86	4048.42	308.31	534.01
0.97	0.70	1.30	0.19	0.34	0.887857	9633.49	8021.22	10912.70	1537.05	2662.24	9916.03	8388.61	11392.92	867.64	1502.79
0.92	0.73	1.07	0.16	0.28	0.66279	9787.95	8948.83	10728.32	1565.55	2711.62	10673.92	9029.76	12263.69	933.95	1617.65
0.84	0.51	1.14	0.22	0.38	0.518226	3419.07	2340.40	4561.45	725.31	1256.28	3966.31	3355.36	4557.05	347.05	601.10
0.97	0.51	1.79	0.32	0.56	0.930915	870.67	495.29	1272.28	199.00	344.68	840.17	710.75	965.30	73.51	127.33
1.06	0.73	1.65	0.24	0.42	0.794224	7212.91	5585.08	9339.02	1235.36	2139.71	6680.58	5651.53	7675.58	584.54	1012.45
0.98	0.86	1.10	0.15	0.26	0.902792	4137.74	3013.99	4785.21	715.51	1239.29	4164.90	3523.35	4785.21	364.42	631.20
0.83	0.57	1.00	0.19	0.32	0.4449	6330.73	4980.99	7593.58	1202.71	2083.15	7555.08	6391.33	8680.33	661.06	1144.98
1.14	0.96	1.52	0.19	0.33	0.480004	3288.11	2296.74	4323.50	577.56	1000.37	2823.54	2388.61	3244.07	247.06	427.91
0.95	0.82	1.03	0.15	0.26	0.747714	5058.47	4532.09	5571.67	793.04	1373.58	5357.30	4532.09	6155.21	468.76	811.91
1.00	0.87	1.13	0.15	0.26	0.986458	8735.44	8469.07	8870.34	1262.27	2186.32	8825.36	7465.94	10139.81	772.21	1337.50
0.97	0.87	1.05	0.15	0.25	0.848165	7846.14	7213.26	8177.13	1181.77	2046.89	8135.67	6882.48	9347.39	711.86	1232.97
0.98	0.92	1.03	0.14	0.25	0.907084	4943.28	4398.49	5352.10	748.14	1295.82	5053.48	4275.06	5806.14	442.17	765.86
1.10	0.98	1.38	0.17	0.29	0.545363	9070.70	6752.91	12615.32	1707.75	2957.90	7982.49	6752.91	9171.40	698.46	1209.76
0.93	0.78	1.05	0.16	0.27	0.689857	9787.30	8091.76	12482.54	1767.29	3061.03	10387.67	8787.60	11934.80	908.90	1574.27
0.91	0.74	1.01	0.16	0.27	0.597053	8735.81	7087.53	10962.98	1587.40	2749.46	9541.83	8072.05	10962.98	834.89	1446.08
1.02	0.89	1.20	0.16	0.27	0.892659	7734.84	6292.83	10279.73	1392.84	2412.47	7438.65	6292.83	8546.56	650.87	1127.34
0.96	0.77	1.17	0.17	0.29	0.842519	8047.84	6421.00	9534.07	1344.28	2328.36	8298.15	7019.94	9534.07	726.08	1257.60
0.94	0.75	1.10	0.16	0.28	0.727395	9061.56	7254.39	11018.13	1569.67	2718.76	9589.83	8112.66	11018.13	839.09	1453.35
1.04	0.95	1.19	0.15	0.26	0.784371	8364.49	6381.91	10767.94	1447.20	2506.62	7903.34	6685.94	9080.45	691.53	1197.76
0.93	0.79	1.03	0.15	0.26	0.683938	6403.26	5403.06	7853.24	1107.18	1917.70	6835.21	5782.34	7853.24	598.07	1035.89
1.03	0.99	1.10	0.14	0.25	0.850253	10459.38	8556.60	12793.22	1688.88	2925.22	10114.61	8556.60	11621.08	885.01	1532.89
1.09	1.00	1.29	0.16	0.27	0.584473	6914.22	5263.72	9250.29	1228.22	2127.34	6222.15	5263.72	7148.87	544.43	942.98
1.08	0.97	1.28	0.16	0.27	0.637249	7099.51	6495.11	7623.88	974.48	1687.85	6635.58	5613.47	7623.88	580.60	1005.63
1.00	0.98	1.03	0.14	0.24	0.994047	4594.69	3787.33	5395.67	730.82	1265.81	4577.75	3872.61	5259.55	400.55	693.77
0.88	0.67	1.01	0.17	0.29	0.531836	8150.29	7179.80	9318.40	1394.28	2414.97	9271.15	7843.06	10651.98	811.21	1405.06
1.02	0.94	1.13	0.15	0.25	0.898813	2452.52	2035.28	2723.61	374.38	648.45	2405.87	2035.28	2764.20	210.51	364.61
1.01	0.72	1.46	0.22	0.37	0.946393	8835.99	7124.07	10683.59	1433.36	2482.65	8656.19	7322.83	9945.44	757.40	1311.86
0.86	0.51	1.26	0.24	0.41	0.602545	1798.45	1185.97	2168.09	362.59	628.02	2030.94	1718.11	2333.43	177.70	307.79
1.15	0.95	1.61	0.20	0.35	0.460955	333.15	224.15	453.86	61.71	106.88	279.77	236.68	321.44	24.48	42.40
1.02	0.88	1.19	0.16	0.27	0.924616	918.82	763.73	1083.18	144.37	250.06	902.79	763.73	1037.26	78.99	136.82
0.90	0.73	1.00	0.16	0.27	0.583575	6305.51	4225.02	7852.14	1235.22	2139.46	6804.70	5756.53	7818.19	595.40	1031.26
1.01	0.78	1.33	0.19	0.32	0.952702	4538.65	3743.85	5919.51	799.12	1384.11	4425.54	3743.85	5084.67	387.23	670.70
0.98	0.69	1.37	0.21	0.36	0.933331	5010.63	3968.24	6847.07	964.12	1669.91	4984.34	4216.58	5726.71	436.12	755.39
0.93	0.68	1.17	0.18	0.32	0.711888	6805.72	5698.43	8557.80	1213.09	2101.14	7282.74	6160.94	8367.43	637.23	1103.71

0.95	0.69	1.26	0.19	0.33	0.823077	6051.01	4967.81	7897.89	1106.93	1917.26	6250.06	5287.33	7180.93	546.87	947.21
0.95	0.73	1.18	0.17	0.30	0.797432	7391.55	6518.18	9124.54	1260.25	2182.82	7721.29	6531.93	8871.29	675.60	1170.17
1.01	0.83	1.25	0.17	0.29	0.953026	269.66	224.38	333.09	44.33	76.78	265.24	224.38	304.75	23.21	40.20
1.05	0.88	1.32	0.17	0.30	0.768201	8978.38	7154.40	11237.62	1474.23	2553.45	8457.09	7154.40	9716.68	739.98	1281.69
1.06	0.91	1.32	0.17	0.29	0.714633	9013.71	7108.08	11181.77	1461.60	2531.56	8402.34	7108.08	9653.78	735.19	1273.39
0.97	0.79	1.15	0.16	0.28	0.860127	5739.97	3866.30	6707.68	1058.14	1832.75	5784.40	4893.40	6645.93	506.13	876.64
1.02	0.92	1.15	0.15	0.26	0.903247	5546.40	4603.18	6275.95	851.25	1474.40	5441.34	4603.18	6251.77	476.11	824.64
0.97	0.87	1.05	0.15	0.25	0.837712	7763.02	7149.87	8109.38	1171.12	2028.44	8068.27	6825.47	9269.95	705.96	1222.76
0.97	0.68	1.34	0.20	0.36	0.889179	1118.58	619.62	1655.45	261.54	453.00	1075.20	909.58	1235.34	94.08	162.95
1.01	0.92	1.10	0.15	0.25	0.969828	4537.51	3820.44	5004.03	693.62	1201.39	4516.08	3820.44	5188.70	395.15	684.42
0.98	0.88	1.06	0.15	0.25	0.874236	1990.64	1833.04	2075.32	298.09	516.31	2053.09	1736.84	2358.87	179.64	311.15
1.04	0.99	1.13	0.14	0.25	0.803612	3831.88	3089.28	4235.78	587.88	1018.24	3686.69	3118.81	4235.78	322.58	558.72
0.91	0.68	1.13	0.18	0.31	0.664134	3047.13	2600.17	3353.47	502.57	870.48	3336.47	2822.54	3833.40	291.94	505.65
1.03	0.96	1.15	0.15	0.25	0.820462	7443.80	6973.41	8305.69	1075.27	1862.43	7229.01	6115.49	8305.69	632.53	1095.57
0.85	0.61	1.01	0.18	0.31	0.481273	600.96	348.67	770.68	132.01	228.65	670.77	567.45	770.68	58.69	101.66
0.96	0.79	1.13	0.16	0.28	0.830139	1043.22	708.66	1217.13	191.91	332.39	1059.35	896.18	1217.13	92.69	160.55
0.97	0.84	1.08	0.15	0.26	0.837018	1772.57	1286.94	2077.18	310.82	538.35	1807.91	1529.43	2077.18	158.19	273.99
0.93	0.65	1.25	0.20	0.34	0.753354	3987.28	3182.27	4498.33	672.35	1164.55	4259.51	3603.39	4893.92	372.70	645.54
0.98	0.89	1.05	0.14	0.25	0.881966	4280.15	3901.12	4512.17	642.61	1113.03	4404.70	3726.22	5060.73	385.40	667.54
1.08	0.79	1.57	0.22	0.38	0.729107	2537.19	2139.78	3113.45	394.33	683.01	2346.38	1984.95	2695.84	205.30	355.60
0.99	0.86	1.11	0.15	0.26	0.931569	1634.46	1571.40	1677.82	239.18	414.28	1669.31	1412.18	1917.94	146.06	252.99
1.01	0.73	1.43	0.21	0.36	0.948983	4906.08	4028.37	5843.55	781.47	1353.54	4821.74	4079.02	5539.89	421.89	730.74
0.90	0.70	1.02	0.16	0.28	0.571123	3207.70	2908.42	3610.67	533.31	923.72	3592.37	3039.01	4127.41	314.33	544.43
0.73	0.30	1.29	0.33	0.57	0.467916	1246.29	523.29	1671.80	337.66	584.85	1535.94	1299.35	1764.70	134.39	232.77
0.92	0.76	1.01	0.15	0.27	0.626868	6929.67	6421.90	7705.53	1118.01	1936.45	7591.22	6421.90	8721.85	664.22	1150.46
0.97	0.80	1.16	0.16	0.28	0.875625	1532.54	1330.20	1827.29	248.32	430.10	1572.41	1330.20	1806.60	137.58	238.30
1.00	0.85	1.16	0.16	0.27	0.982802	6403.44	6337.04	6508.81	924.41	1601.12	6475.80	5478.30	7440.31	566.62	981.42
1.00	0.93	1.08	0.14	0.25	0.99746	4836.29	4095.59	5266.40	738.91	1279.82	4841.32	4095.59	5562.38	423.61	733.71
0.96	0.84	1.04	0.15	0.26	0.787538	8011.93	7441.62	8466.70	1220.24	2113.52	8423.77	7126.21	9678.40	737.07	1276.64
0.92	0.66	1.20	0.19	0.33	0.711398	6831.66	5586.94	7481.42	1142.13	1978.22	7388.95	6250.79	8489.46	646.52	1119.81
1.01	0.64	1.61	0.26	0.44	0.977528	7380.61	5228.73	9722.98	1373.75	2379.40	7153.67	6051.75	8219.14	625.94	1084.15
1.13	0.77	1.89	0.27	0.48	0.617769	6098.48	4640.99	8385.38	1108.72	1920.35	5242.36	4434.85	6023.15	458.70	794.49
1.02	0.73	1.43	0.21	0.36	0.940084	7293.47	6022.61	8666.01	1154.98	2000.48	7155.31	6053.14	8221.02	626.08	1084.40
0.98	0.72	1.29	0.19	0.33	0.90645	1164.55	991.64	1301.84	182.14	315.47	1194.08	1010.15	1371.93	104.48	180.96
1.07	0.94	1.30	0.16	0.28	0.682507	2414.04	1897.85	2926.64	382.74	662.92	2243.42	1897.85	2577.55	196.30	339.99
0.87	0.48	1.34	0.26	0.45	0.633696	2183.17	1353.44	2752.73	458.55	794.22	2430.96	2056.50	2793.02	212.70	368.42
0.87	0.57	1.16	0.21	0.36	0.58198	2237.97	1669.36	2550.37	414.16	717.34	2537.44	2146.58	2915.37	222.02	384.55
0.89	0.66	1.07	0.17	0.30	0.578046	2511.48	2151.86	2836.59	426.28	738.34	2822.20	2387.48	3242.54	246.94	427.71
0.87	0.61	1.09	0.19	0.33	0.542687	2556.40	2037.64	2942.09	458.92	794.87	2927.17	2476.28	3363.14	256.12	443.62
0.86	0.64	1.00	0.17	0.30	0.48768	3706.43	3142.98	4337.33	660.62	1144.23	4301.57	3638.98	4942.25	376.38	651.91
0.95	0.80	1.05	0.15	0.26	0.743078	8673.02	7782.57	9729.45	1372.25	2376.81	9199.65	7782.57	10569.84	804.95	1394.22
0.96	0.73	1.20	0.18	0.31	0.826578	7167.85	6313.96	7644.38	1112.64	1927.16	7506.97	6350.63	8625.05	656.85	1137.69
0.82	0.53	1.03	0.20	0.35	0.438389	75.00	46.88	101.36	16.81	29.11	88.22	74.63	101.36	7.72	13.37
0.99	0.90	1.08	0.15	0.25	0.954667	6623.06	6044.53	7688.52	1026.27	1777.55	6691.84	5661.06	7688.52	585.53	1014.16
1.17	0.82	1.98	0.28	0.49	0.52533	2129.33	1656.14	2957.41	386.91	670.15	1765.43	1493.49	2028.37	154.47	267.55
0.95	0.81	1.04	0.15	0.26	0.739357	9532.04	8925.13	10192.96	1469.53	2545.31	10141.27	8579.16	11651.71	887.35	1536.93
0.96	0.75	1.17	0.17	0.29	0.805789	8928.24	8079.70	9444.16	1373.86	2379.59	9396.27	7948.91	10795.74	822.16	1424.02
0.99	0.81	1.18	0.16	0.28	0.933824	9533.39	9078.21	9790.10	1398.61	2422.47	9740.46	8240.08	11191.20	852.27	1476.18
1.14	0.97	1.53	0.19	0.33	0.470377	4561.15	4032.69	5200.64	621.18	1075.91	4012.24	3394.21	4609.82	351.06	608.06
1.02	0.99	1.06	0.14	0.24	0.908049	2893.59	2566.31	3245.39	430.18	745.09	2854.53	2414.83	3279.68	249.77	432.61

0.91	0.47	1.61	0.31	0.53	0.77596	501.05	276.76	706.12	114.80	198.84	517.64	437.90	594.73	45.29	78.45
0.98	0.45	2.12	0.40	0.69	0.967478	654.10	305.21	1062.51	177.36	307.20	591.56	500.44	679.67	51.76	89.65
1.03	0.80	1.37	0.19	0.32	0.872677	1767.79	1579.45	1994.83	259.96	450.27	1720.32	1455.33	1976.54	150.52	260.72
1.27	0.90	2.27	0.32	0.55	0.375635	1011.90	692.36	1466.86	197.80	342.60	762.85	645.35	876.47	66.75	115.61
0.90	0.54	1.35	0.24	0.42	0.703989	2563.12	1726.96	3172.46	500.24	866.43	2775.79	2348.22	3189.21	242.88	420.68
1.14	0.96	1.52	0.19	0.33	0.477794	706.73	483.46	1040.04	146.94	254.51	593.67	502.23	682.09	51.95	89.97
1.13	0.97	1.49	0.18	0.32	0.485621	615.34	428.51	892.71	124.70	215.98	522.15	441.72	599.92	45.69	79.13
1.08	0.98	1.30	0.16	0.28	0.611172	5756.84	5250.24	6142.59	785.16	1359.93	5346.31	4522.79	6142.59	467.79	810.24
1.12	0.90	1.55	0.20	0.35	0.557906	3537.78	2857.42	4132.99	520.55	901.62	3153.27	2667.56	3622.92	275.91	477.88
1.07	0.90	1.35	0.17	0.30	0.704181	108.66	74.52	152.75	21.53	37.30	98.21	83.08	112.84	8.59	14.88
1.04	0.97	1.17	0.15	0.26	0.767733	44.37	35.52	56.51	7.46	12.93	41.98	35.52	48.24	3.67	6.36
1.03	0.97	1.11	0.14	0.25	0.862412	43.31	34.37	53.48	7.15	12.39	41.85	35.41	48.09	3.66	6.34
1.08	0.83	1.50	0.20	0.35	0.706619	9197.96	8172.96	10831.80	1351.47	2340.82	8545.56	7229.24	9818.33	747.72	1295.09
0.92	0.68	1.15	0.18	0.31	0.68856	8359.58	5002.28	10070.64	1718.13	2975.89	8708.74	7367.28	10005.81	762.00	1319.82
1.01	0.80	1.28	0.18	0.30	0.965028	8091.44	7418.40	8742.83	1182.64	2048.39	8071.95	6828.59	9274.18	706.28	1223.32
0.93	0.80	1.02	0.15	0.26	0.690821	5425.26	4934.10	5999.53	860.35	1490.16	5832.51	4934.10	6701.20	510.34	883.93
0.93	0.80	1.01	0.15	0.26	0.672743	6157.32	5625.11	6724.17	974.64	1688.13	6649.34	5625.11	7639.69	581.81	1007.72
0.90	0.66	1.08	0.18	0.31	0.597915	6631.57	5619.18	8039.11	1170.08	2026.63	7371.98	6236.43	8469.95	645.04	1117.24
0.92	0.61	1.29	0.21	0.37	0.72944	7974.82	5967.39	9334.60	1421.97	2462.93	8578.76	7257.33	9856.48	750.63	1300.13
0.91	0.64	1.19	0.19	0.33	0.679021	5860.40	4670.32	7551.06	1092.57	1892.38	6335.75	5359.82	7279.39	554.37	960.19
1.08	0.95	1.34	0.17	0.29	0.618344	624.39	553.67	664.61	86.23	149.36	578.45	489.35	664.61	50.61	87.67
1.18	0.97	1.67	0.21	0.37	0.408956	6554.97	5590.47	7861.92	926.82	1605.30	5562.12	4705.36	6390.54	486.68	842.95
0.93	0.64	1.24	0.20	0.35	0.735566	7867.84	4344.72	10038.17	1699.89	2944.29	8025.34	6789.15	9220.63	702.20	1216.25
0.98	0.80	1.18	0.16	0.28	0.899061	4541.72	3917.86	5475.22	741.19	1283.79	4631.24	3917.86	5321.01	405.23	701.87
1.17	0.76	2.10	0.31	0.54	0.572738	4723.85	3388.85	6883.08	948.62	1643.06	3879.85	3282.21	4457.71	339.48	588.00
1.27	0.80	2.57	0.38	0.67	0.44468	1881.95	1265.42	2995.07	440.60	763.14	1378.33	1166.01	1583.61	120.60	208.89
0.99	0.92	1.05	0.14	0.25	0.944621	2506.23	2147.64	2688.52	383.65	664.50	2538.69	2147.64	2916.80	222.13	384.74
0.99	0.85	1.15	0.16	0.27	0.965166	5285.53	3764.34	6071.43	920.87	1594.99	5240.33	4433.13	6020.82	458.52	794.18
0.97	0.86	1.07	0.15	0.26	0.858418	7101.55	5214.62	8858.38	1268.24	2196.66	7194.98	6086.70	8266.60	629.55	1090.41
1.00	0.97	1.04	0.14	0.24	0.974081	12480.10	10979.73	13938.30	1876.86	3250.82	12458.76	10539.67	14314.36	1090.12	1888.15
0.99	0.94	1.03	0.14	0.24	0.944848	11528.62	10202.81	12629.50	1741.72	3016.75	11693.97	9892.68	13435.66	1023.20	1772.24
1.01	0.94	1.10	0.14	0.25	0.92846	13108.41	12126.50	14122.23	1899.86	3290.65	13010.18	11006.15	14947.91	1138.37	1971.72
0.97	0.68	1.36	0.21	0.36	0.90152	8619.00	6869.08	10128.77	1424.92	2468.04	8814.22	7456.52	10127.00	771.23	1335.81
0.84	0.48	1.23	0.24	0.42	0.555886	9947.03	4338.85	13223.27	2508.41	4344.70	10687.23	9041.01	12278.98	935.12	1619.67
1.04	0.74	1.51	0.22	0.38	0.864099	8399.01	6822.47	10295.44	1352.69	2342.92	8038.17	6800.00	9235.37	703.33	1218.20
0.77	0.37	1.22	0.28	0.49	0.477725	1632.06	717.94	2200.47	425.60	737.16	1915.22	1620.21	2200.47	167.58	290.26
0.95	0.65	1.30	0.21	0.36	0.808055	1731.90	1170.36	2054.23	323.63	560.54	1787.94	1512.53	2054.23	156.44	270.96
0.77	0.45	1.03	0.22	0.39	0.397836	2104.38	1149.46	2942.30	518.70	898.42	2560.88	2166.41	2942.30	224.07	388.11
1.01	0.71	1.43	0.21	0.37	0.974187	5021.95	2786.16	7628.84	1195.80	2071.19	4627.26	3914.50	5316.44	404.88	701.27
1.01	0.84	1.24	0.17	0.29	0.938016	9899.10	8234.87	11218.71	1524.93	2641.25	9764.41	8260.34	11218.71	854.37	1479.81
1.08	0.96	1.30	0.16	0.28	0.640342	7320.69	6595.27	7851.71	1010.23	1749.77	6833.88	5781.22	7851.71	597.95	1035.69
0.99	0.58	1.68	0.28	0.49	0.982661	1917.93	1246.36	2640.64	389.24	674.18	1857.34	1571.24	2133.97	162.51	281.48
0.90	0.71	1.02	0.16	0.28	0.568933	5964.14	5435.97	6714.16	990.97	1716.40	6680.11	5651.14	7675.04	584.50	1012.38
0.73	0.35	1.11	0.28	0.48	0.409826	2795.71	952.64	4162.98	820.52	1421.18	3254.93	2753.55	3739.72	284.80	493.29
0.88	0.69	1.01	0.17	0.29	0.536091	8958.14	7995.49	10288.03	1527.67	2646.00	10155.16	8590.90	11667.66	888.56	1539.03
0.90	0.63	1.14	0.19	0.33	0.620076	7449.37	6004.14	8337.80	1290.58	2235.35	8295.53	7017.72	9531.06	725.85	1257.20
1.00	0.89	1.12	0.15	0.26	0.986855	5843.49	5231.12	6743.32	897.98	1555.35	5869.17	4965.11	6743.32	513.54	889.48
0.97	0.74	1.22	0.18	0.31	0.861225	2614.21	2004.02	3079.60	443.82	768.72	2680.38	2267.51	3079.60	234.53	406.22
0.95	0.54	1.58	0.28	0.48	0.854075	2990.93	1880.22	4043.46	618.57	1071.39	3033.65	2566.36	3485.48	265.44	459.75
0.84	0.57	1.04	0.19	0.33	0.473945	4324.92	3365.38	5128.94	813.85	1409.62	5102.93	4316.90	5862.96	446.50	773.36

0.97	0.80	1.16	0.16	0.28	0.87966	638.79	525.74	751.33	104.02	180.17	653.93	553.20	751.33	57.22	99.10
1.04	0.91	1.23	0.16	0.27	0.817788	8137.86	7160.54	9041.97	1186.63	2055.31	7869.84	6657.61	9041.97	688.60	1192.69
1.10	0.99	1.33	0.16	0.28	0.560426	14408.76	13191.97	15192.79	1935.80	3352.90	13223.32	11186.46	15192.79	1157.02	2004.02
0.76	0.43	1.01	0.23	0.40	0.384795	7716.47	3326.92	10640.95	2048.13	3547.47	9135.00	7727.88	10495.56	799.30	1384.42
1.01	0.91	1.14	0.15	0.26	0.944526	9840.85	8908.09	11217.92	1478.61	2561.03	9763.72	8259.76	11217.92	854.31	1479.71
1.00	0.99	1.01	0.14	0.24	0.999648	4498.97	3782.48	5195.44	703.18	1217.94	4496.07	3803.52	5165.71	393.40	681.39
1.07	0.72	1.71	0.25	0.44	0.770272	534.85	406.51	706.71	94.09	162.97	488.85	413.55	561.66	42.77	74.09
1.05	0.68	1.70	0.26	0.45	0.850482	5082.24	3691.07	6801.66	933.67	1617.16	4729.89	4001.32	5434.35	413.86	716.82
1.02	0.61	1.72	0.28	0.49	0.957204	7089.04	4693.56	9810.21	1423.11	2464.89	6729.05	5692.54	7731.27	588.78	1019.80
0.92	0.56	1.40	0.24	0.42	0.769666	6974.29	4762.59	8752.82	1338.59	2318.50	7369.91	6234.68	8467.58	644.86	1116.92
0.92	0.66	1.19	0.19	0.33	0.704197	7255.98	5940.84	7922.45	1214.28	2103.19	7864.58	6653.16	9035.93	688.14	1191.89
1.08	0.95	1.31	0.16	0.28	0.641298	5503.71	5170.97	5697.13	743.24	1287.34	5144.75	4352.28	5911.01	450.16	779.70
1.07	0.89	1.38	0.18	0.31	0.68824	4309.39	4061.01	4730.69	595.42	1031.30	4040.42	3418.05	4642.20	353.53	612.33
0.90	0.49	1.49	0.28	0.48	0.740489	6139.97	3677.63	8206.02	1316.96	2281.04	6503.14	5501.43	7471.71	569.01	985.56
0.96	0.63	1.40	0.23	0.39	0.857377	5540.69	4105.23	6776.06	982.79	1702.25	5711.68	4831.88	6562.37	499.76	865.61
0.96	0.82	1.06	0.15	0.26	0.785182	4744.63	4213.02	5324.09	745.83	1291.82	4980.14	4213.02	5721.88	435.75	754.75
1.02	0.92	1.15	0.15	0.26	0.898371	2305.80	2222.29	2405.95	327.06	566.48	2277.57	1926.75	2616.79	199.28	345.17
0.87	0.46	1.43	0.28	0.49	0.668368	5274.66	2590.88	6793.69	1242.81	2152.61	5604.65	4741.34	6439.40	490.40	849.39
0.88	0.53	1.30	0.24	0.41	0.65513	6952.72	3992.76	8607.67	1497.36	2593.50	7491.84	6337.83	8607.67	655.52	1135.40
0.80	0.49	1.04	0.21	0.37	0.429469	3594.08	2117.40	4904.15	835.28	1446.74	4268.41	3610.92	4904.15	373.48	646.88
0.95	0.56	1.54	0.27	0.46	0.85974	6490.20	4248.73	8586.54	1293.54	2240.48	6601.68	5584.79	7584.93	577.64	1000.50
1.11	0.90	1.55	0.20	0.35	0.569928	3455.33	2269.14	4654.59	647.86	1122.13	2996.03	2534.53	3442.25	262.15	454.05
0.95	0.82	1.05	0.15	0.26	0.759869	6555.56	4682.05	7801.05	1180.03	2043.88	6789.78	5743.91	7801.05	594.10	1029.00
0.96	0.66	1.36	0.21	0.37	0.868786	6657.42	5179.87	7894.42	1128.02	1953.79	6862.99	5805.84	7885.16	600.50	1040.10
0.85	0.59	1.03	0.19	0.32	0.481543	243.15	193.13	295.57	45.67	79.11	284.60	240.76	326.99	24.90	43.13
1.02	0.81	1.30	0.18	0.31	0.925794	5954.70	5468.89	6478.51	864.64	1497.61	5886.71	4979.95	6763.47	515.08	892.14
0.75	0.33	1.25	0.30	0.52	0.469998	532.06	247.12	805.34	146.30	253.41	642.74	543.73	738.47	56.24	97.41
1.03	0.65	1.66	0.26	0.45	0.923338	5879.10	4171.83	7846.77	1098.60	1902.83	5590.21	4729.12	6422.81	489.13	847.21
0.87	0.64	1.03	0.17	0.30	0.522303	2796.78	1674.47	3530.91	595.45	1031.35	3073.19	2599.81	3530.91	268.90	465.75
0.82	0.39	1.44	0.31	0.54	0.603392	268.92	131.75	425.85	73.60	127.49	294.53	249.16	338.39	25.77	44.64
0.83	0.36	1.59	0.35	0.61	0.646863	432.26	186.46	726.69	128.99	223.42	453.48	383.62	521.02	39.68	68.73
0.73	0.34	1.11	0.28	0.48	0.407443	3874.40	1318.44	5761.28	1137.59	1970.36	4520.44	3824.13	5193.71	395.53	685.08
0.78	0.44	1.05	0.23	0.40	0.415544	4510.05	1962.68	6322.38	1188.90	2059.24	5218.50	4414.66	5995.74	456.61	790.87
0.91	0.63	1.20	0.20	0.34	0.684082	1243.32	988.20	1377.86	213.55	369.88	1356.99	1147.97	1559.10	118.73	205.65
0.90	0.50	1.46	0.27	0.47	0.733472	453.40	278.83	596.21	95.20	164.89	482.71	408.36	554.60	42.24	73.16
0.89	0.59	1.21	0.21	0.36	0.642021	223.64	166.24	297.50	44.41	76.92	244.93	207.20	281.40	21.43	37.12
0.87	0.55	1.18	0.21	0.37	0.576784	305.28	220.94	349.17	57.83	100.17	347.40	293.89	399.14	30.40	52.65
0.96	0.70	1.27	0.19	0.33	0.847166	4136.54	3421.30	5398.04	752.68	1303.68	4243.99	3590.27	4876.09	371.34	643.18
0.91	0.58	1.30	0.22	0.39	0.711198	97.79	48.30	146.44	24.44	42.33	98.12	83.00	112.73	8.58	14.87
1.01	0.80	1.29	0.18	0.31	0.956004	941.44	601.50	1326.01	195.74	339.04	892.26	754.82	1025.15	78.07	135.22
0.88	0.62	1.11	0.19	0.33	0.577971	1097.75	617.61	1494.85	246.99	427.79	1174.79	993.83	1349.76	102.79	178.04
0.96	0.79	1.10	0.16	0.27	0.795121	3357.19	2293.80	4338.10	642.83	1113.41	3422.22	2895.08	3931.92	299.44	518.64
1.03	0.65	1.71	0.27	0.47	0.901102	58.32	40.77	79.09	11.12	19.27	54.82	46.38	62.99	4.80	8.31
1.03	0.79	1.36	0.19	0.32	0.896161	720.39	447.58	1042.56	155.31	269.01	667.62	564.78	767.05	58.42	101.18
1.01	0.82	1.27	0.17	0.30	0.945146	2870.83	1886.96	3981.63	580.04	1004.66	2729.99	2309.48	3136.60	238.87	413.73
0.95	0.60	1.41	0.23	0.41	0.824937	1711.80	831.99	2655.18	440.13	762.32	1639.87	1387.27	1884.11	143.49	248.53
0.96	0.61	1.46	0.24	0.41	0.881861	704.77	341.65	1108.72	183.31	317.50	660.58	558.82	758.96	57.80	100.11
1.01	0.62	1.67	0.27	0.47	0.960435	1090.22	498.69	1820.03	305.59	529.30	947.11	801.23	1088.18	82.87	143.54
1.09	0.94	1.37	0.17	0.29	0.61699	2881.04	2175.71	4040.98	552.60	957.12	2571.87	2175.71	2954.92	225.03	389.77
1.17	0.93	1.74	0.23	0.39	0.444068	643.12	446.05	921.03	125.99	218.22	527.26	446.05	605.79	46.13	79.91

0.84	0.49	1.20	0.24	0.41	0.544572	7963.74	5205.94	9401.34	1639.19	2839.15	9236.88	7814.07	10612.61	808.21	1399.86
0.93	0.53	1.54	0.28	0.48	0.818452	6620.16	4130.31	8887.80	1375.51	2382.46	6807.68	5759.06	7821.62	595.66	1031.72
1.02	0.92	1.17	0.15	0.26	0.877204	3794.65	3701.06	3930.95	534.70	926.13	3732.92	3157.91	4288.89	326.62	565.73
1.04	0.92	1.23	0.16	0.27	0.799557	7673.76	7467.77	7853.24	1062.68	1840.62	7429.91	6285.44	8536.51	650.11	1126.02
1.02	0.93	1.13	0.15	0.25	0.916055	10904.44	10311.90	11541.82	1561.44	2704.49	10804.53	9140.25	12413.74	945.38	1637.44
1.06	0.92	1.29	0.16	0.28	0.723639	6773.44	5925.12	7374.01	965.98	1673.12	6418.10	5429.49	7374.01	561.57	972.67
0.98	0.91	1.03	0.14	0.25	0.877525	7307.73	6312.96	8805.21	1193.00	2066.34	7462.44	6312.96	8573.89	652.95	1130.95
1.08	0.99	1.27	0.16	0.27	0.628595	7106.95	5476.57	9434.89	1251.49	2167.65	6473.76	5476.57	7437.96	566.44	981.11
1.00	0.98	1.02	0.14	0.24	0.985614	6736.01	5818.17	7588.65	1030.83	1785.45	6766.71	5724.40	7774.54	592.08	1025.51
0.85	0.57	1.09	0.20	0.34	0.517355	762.27	579.58	889.88	142.61	247.01	885.36	748.99	1017.23	77.47	134.18
0.87	0.62	1.05	0.18	0.31	0.516995	1436.39	1179.37	1663.95	256.22	443.78	1655.51	1400.51	1902.09	144.85	250.90
0.89	0.56	1.26	0.22	0.39	0.649434	690.90	490.46	813.66	130.39	225.85	764.69	646.90	878.58	66.91	115.89
0.95	0.63	1.35	0.22	0.38	0.821048	1089.24	824.07	1300.17	190.11	329.28	1137.66	962.42	1307.11	99.54	172.41
1.02	0.78	1.35	0.19	0.33	0.924729	4225.60	3728.64	4765.94	630.31	1091.73	4161.03	3520.08	4780.77	364.08	630.61
0.95	0.69	1.23	0.19	0.32	0.793914	9574.59	8069.35	10490.21	1538.85	2665.36	10112.67	8554.96	11618.84	884.84	1532.59
0.93	0.45	1.78	0.34	0.59	0.833669	3995.79	2034.03	5971.36	982.48	1701.70	3961.79	3351.53	4551.86	346.65	600.42
0.91	0.72	1.05	0.16	0.28	0.620429	2297.99	1789.94	3001.96	437.73	758.18	2484.83	2102.08	2854.92	217.42	376.58
0.95	0.70	1.22	0.19	0.32	0.800337	4734.63	3465.59	5650.33	840.53	1455.84	4917.87	4160.34	5650.33	430.31	745.31
0.96	0.66	1.33	0.21	0.36	0.840792	2833.35	1920.03	3330.02	524.81	909.00	2898.34	2451.89	3330.02	253.60	439.25
1.00	0.77	1.30	0.18	0.32	0.999609	3317.21	2546.17	3784.07	544.14	942.47	3293.54	2786.21	3784.07	288.18	499.14
1.00	0.73	1.36	0.20	0.34	0.998947	2504.50	1826.36	2845.51	426.52	738.76	2473.25	2092.29	2841.62	216.41	374.83
0.99	0.81	1.21	0.17	0.29	0.969749	2766.24	2267.19	3192.51	439.78	761.72	2778.66	2350.65	3192.51	243.13	421.11
1.11	0.98	1.40	0.17	0.30	0.520581	2948.00	2678.34	3162.24	393.19	681.02	2664.76	2254.30	3061.65	233.16	403.85
1.00	0.54	1.83	0.32	0.55	0.999176	197.12	92.43	356.05	62.00	107.39	168.90	142.88	194.05	14.78	25.60
1.13	0.91	1.59	0.20	0.36	0.533292	2453.99	2184.17	2917.67	350.97	607.90	2173.09	1838.36	2496.75	190.14	329.34
1.01	0.61	1.72	0.28	0.49	0.962223	5949.59	3938.68	8222.74	1193.60	2067.37	5658.50	4786.89	6501.28	495.11	857.56
0.94	0.71	1.17	0.18	0.31	0.746479	7300.05	6345.84	7846.22	1163.75	2015.68	7806.43	6603.96	8969.12	683.05	1183.08
1.01	0.74	1.38	0.20	0.35	0.972148	10059.38	8461.92	11686.50	1568.14	2716.11	9978.87	8441.77	11465.11	873.14	1512.31
0.90	0.50	1.43	0.27	0.46	0.715814	7448.95	4629.27	9679.73	1551.50	2687.28	7997.08	6765.24	9188.16	699.73	1211.97
0.91	0.41	1.81	0.36	0.63	0.803687	4196.05	1985.82	6405.02	1080.97	1872.29	4176.02	3532.77	4797.99	365.40	632.88
0.85	0.58	1.06	0.19	0.33	0.492218	2780.77	1508.00	3551.47	632.36	1095.27	3091.09	2614.95	3551.47	270.47	468.46
0.90	0.66	1.10	0.18	0.31	0.607875	2235.69	1864.74	2746.22	399.63	692.18	2477.77	2096.11	2846.81	216.80	375.51
0.84	0.52	1.12	0.21	0.37	0.508715	5218.63	3651.78	6862.09	1087.08	1882.88	6078.29	5142.02	6983.58	531.84	921.17
1.39	0.83	3.23	0.49	0.85	0.370311	159.16	61.95	326.90	60.87	105.43	88.19	74.60	101.32	7.72	13.36
0.82	0.40	1.37	0.29	0.51	0.574396	2804.50	1466.50	3720.08	666.04	1153.61	3210.57	2716.02	3688.74	280.92	486.57
0.81	0.47	1.14	0.23	0.40	0.485089	512.20	329.39	615.82	108.81	188.46	612.69	518.32	703.95	53.61	92.85
0.96	0.70	1.24	0.19	0.32	0.824222	13671.78	11580.38	15038.72	2176.56	3769.92	14323.24	12116.96	16456.54	1253.26	2170.71
0.97	0.85	1.09	0.15	0.26	0.866698	10791.60	10300.49	11225.59	1604.26	2778.66	11168.68	9448.30	12832.13	977.24	1692.63
0.93	0.72	1.11	0.17	0.29	0.69194	278.33	176.00	334.06	55.07	95.38	290.76	245.97	334.06	25.44	44.06
0.90	0.71	1.01	0.16	0.28	0.563327	885.71	581.29	1104.51	176.42	305.57	961.33	813.25	1104.51	84.11	145.69
1.07	0.91	1.36	0.17	0.30	0.672784	1343.01	944.72	1675.82	231.04	400.17	1225.91	1037.07	1408.49	107.26	185.79
1.40	0.97	2.86	0.41	0.72	0.288546	251.35	125.04	485.13	85.39	147.90	147.81	125.04	169.82	12.93	22.40
1.15	0.96	1.58	0.20	0.34	0.456813	937.47	672.41	1263.80	167.02	289.28	794.84	672.41	913.23	69.55	120.46
1.01	0.64	1.60	0.25	0.44	0.969432	639.59	316.84	933.99	151.15	261.80	581.36	491.81	667.95	50.87	88.11
1.10	0.82	1.61	0.22	0.38	0.654246	1812.30	1090.28	2544.70	371.74	643.87	1568.33	1326.75	1801.91	137.23	237.68
1.20	0.91	1.91	0.26	0.45	0.426439	1643.70	985.43	2469.86	359.03	621.86	1284.51	1086.65	1475.82	112.39	194.67
1.18	0.93	1.78	0.23	0.40	0.428736	2604.94	1784.48	3774.06	520.24	901.08	2109.40	1784.48	2423.58	184.57	319.68
1.01	0.65	1.60	0.25	0.44	0.96039	1261.24	883.12	1899.92	282.89	489.99	1182.88	1000.67	1359.06	103.50	179.27
1.09	0.76	1.72	0.25	0.43	0.699333	2029.85	1491.71	3054.57	441.16	764.11	1763.32	1491.71	2025.95	154.29	267.23
1.16	0.83	1.87	0.26	0.45	0.538749	944.43	651.80	1447.46	209.73	363.27	770.48	651.80	885.23	67.42	116.77

1.17	0.86	1.88	0.26	0.45	0.488864	1418.46	966.52	2154.58	308.97	535.15	1142.50	966.52	1312.67	99.97	173.15
1.09	0.74	1.75	0.26	0.44	0.714472	617.24	383.52	1034.22	164.91	285.63	513.02	433.99	589.43	44.89	77.75
0.90	0.64	1.16	0.19	0.33	0.64962	3999.65	3231.52	4433.37	685.53	1187.38	4410.89	3731.46	5067.85	385.95	668.48
0.90	0.62	1.16	0.19	0.34	0.629003	4671.90	3707.11	5218.00	815.67	1412.78	5191.54	4391.86	5964.77	454.25	786.79
0.88	0.64	1.05	0.18	0.31	0.53904	3762.38	3164.46	4312.89	655.60	1135.53	4291.02	3630.05	4930.12	375.46	650.31
0.92	0.65	1.21	0.19	0.34	0.706321	5003.98	4033.11	5529.10	846.26	1465.76	5422.10	4586.90	6229.66	474.42	821.73
0.95	0.73	1.16	0.17	0.30	0.768365	2254.83	2010.72	2408.14	352.69	610.88	2395.93	2026.87	2752.78	209.64	363.11
1.00	0.73	1.37	0.20	0.35	0.990591	4324.88	3607.95	5014.40	681.15	1179.78	4330.21	3663.20	4975.15	378.89	656.25
0.93	0.77	1.06	0.16	0.27	0.697634	5508.37	5244.54	5966.65	862.18	1493.34	5936.40	5021.98	6820.56	519.43	899.67
0.95	0.81	1.06	0.15	0.26	0.763977	5057.85	4515.01	5712.75	800.51	1386.52	5337.12	4515.01	6132.02	466.99	808.85
0.96	0.66	1.32	0.21	0.36	0.839729	7862.71	6226.81	9135.11	1315.92	2279.24	8184.49	6923.79	9403.48	716.13	1240.37
0.77	0.44	1.03	0.23	0.39	0.397728	2556.20	1629.88	3236.23	570.96	988.94	3219.82	2723.85	3699.37	281.73	487.97
0.88	0.48	1.43	0.27	0.47	0.691812	507.10	247.70	841.13	143.83	249.12	511.22	432.47	587.36	44.73	77.48
1.00	0.66	1.52	0.24	0.41	0.986831	56.69	42.44	71.71	9.94	17.22	55.62	47.06	63.91	4.87	8.43
1.00	0.78	1.28	0.18	0.31	0.998365	80.43	72.60	87.48	11.93	20.66	80.79	68.34	92.82	7.07	12.24
1.08	1.00	1.26	0.15	0.27	0.61861	88.85	82.90	95.21	12.09	20.94	82.87	70.11	95.21	7.25	12.56
1.01	0.90	1.14	0.15	0.26	0.965859	92.79	69.07	104.80	15.48	26.82	91.22	77.17	104.80	7.98	13.82
1.07	0.96	1.28	0.16	0.27	0.660577	279.31	252.89	301.14	38.69	67.02	262.10	221.73	301.14	22.93	39.72
1.09	0.96	1.36	0.17	0.29	0.590867	213.81	161.01	297.15	40.32	69.84	190.33	161.01	218.67	16.65	28.84
1.24	0.96	2.01	0.27	0.46	0.352285	259.17	159.75	435.36	68.02	117.82	188.84	159.75	216.96	16.52	28.62
1.08	0.86	1.49	0.20	0.34	0.669792	2982.67	2353.37	3451.45	453.56	785.59	2735.74	2314.34	3143.20	239.37	414.61
0.95	0.76	1.14	0.17	0.29	0.798226	11046.94	8817.41	13216.76	1870.52	3239.84	11503.44	9731.50	13216.75	1006.53	1743.37
0.95	0.82	1.05	0.15	0.26	0.762747	9423.21	8139.63	11353.79	1571.42	2721.77	9881.98	8359.80	11353.79	864.66	1497.63
0.97	0.56	1.62	0.28	0.48	0.9198	6844.35	4397.57	9318.88	1394.61	2415.53	6782.05	5737.37	7792.16	593.42	1027.83
1.02	0.89	1.19	0.15	0.27	0.90269	4112.85	3405.06	4814.69	642.17	1112.27	4025.07	3405.06	4624.56	352.19	610.01
0.82	0.15	3.53	0.92	1.59	0.791337	3022.23	382.88	6498.31	1319.84	2286.02	2174.43	1839.49	2498.28	190.26	329.54
0.79	0.19	2.65	0.68	1.17	0.728725	5906.80	1109.27	11466.50	2252.84	3902.03	5118.55	4330.11	5880.90	447.86	775.72
0.81	0.16	3.39	0.88	1.52	0.786015	3539.65	478.72	7510.74	1517.62	2628.60	2616.16	2213.18	3005.81	228.91	396.48
0.80	0.51	1.01	0.20	0.35	0.411788	5800.67	4185.91	7159.67	1186.97	2055.89	7123.36	6026.11	8184.31	623.28	1079.56
1.00	0.85	1.18	0.16	0.27	0.992816	424.34	352.08	565.95	77.66	134.51	416.18	352.08	478.17	36.42	63.07
1.01	0.96	1.07	0.14	0.25	0.947221	3378.76	3041.74	3716.49	498.76	863.88	3360.92	2843.22	3861.49	294.08	509.35
1.21	0.64	2.75	0.45	0.77	0.605068	220.83	91.86	450.14	83.78	145.12	142.43	120.49	163.64	12.46	21.59
1.21	0.78	2.28	0.34	0.59	0.502867	1200.02	556.70	2200.20	377.86	654.48	838.87	709.65	963.81	73.40	127.13
1.03	0.55	1.97	0.34	0.59	0.933214	5953.90	2222.99	10836.76	1929.18	3341.45	4777.61	4041.68	5489.18	418.03	724.05
0.87	0.51	1.30	0.24	0.42	0.630321	9040.31	4011.23	13794.25	2396.82	4151.41	9268.20	7840.57	10648.60	810.95	1404.61
1.06	0.82	1.44	0.20	0.34	0.780994	6850.40	4231.25	10154.05	1511.89	2618.67	6134.65	5189.69	7048.34	536.77	929.72
1.03	0.74	1.50	0.22	0.37	0.873361	6741.38	3784.87	10372.33	1614.37	2796.16	6036.19	5106.40	6935.21	528.16	914.79
1.05	0.80	1.44	0.20	0.34	0.808068	8029.50	4881.30	11956.39	1794.49	3108.15	7214.06	6102.84	8288.52	631.22	1093.30
1.03	0.78	1.39	0.19	0.33	0.890099	7415.14	4512.49	10874.09	1634.71	2831.40	6824.08	5772.93	7840.45	597.10	1034.20
1.10	0.46	2.85	0.52	0.90	0.837053	5220.78	1304.93	10989.18	2136.62	3700.74	3351.14	2834.95	3850.26	293.22	507.87
1.00	0.79	1.27	0.18	0.31	0.996873	10038.47	7889.44	11467.11	1620.07	2806.04	9980.61	8443.24	11467.11	873.29	1512.58
0.98	0.88	1.07	0.15	0.25	0.901789	11114.15	10014.58	13027.02	1753.87	3037.78	11338.30	9591.80	13027.02	992.08	1718.34
0.94	0.79	1.05	0.15	0.27	0.708808	11228.40	9446.81	13695.60	1923.93	3332.34	11920.21	10084.08	13695.60	1043.00	1806.53
0.98	0.88	1.08	0.15	0.25	0.920377	13364.29	12045.06	15611.18	2095.99	3630.36	13587.47	11494.52	15611.18	1188.88	2059.20
1.27	0.80	2.58	0.39	0.67	0.448054	345.90	180.08	667.31	118.10	204.55	224.96	190.31	258.46	19.68	34.09
1.00	0.90	1.12	0.15	0.26	0.988332	12833.60	11544.05	14744.19	1955.78	3387.50	12832.87	10856.15	14744.19	1122.86	1944.84
0.99	0.85	1.15	0.15	0.27	0.964864	11836.01	10224.68	13704.01	1845.74	3196.92	11927.54	10090.27	13704.01	1043.64	1807.64
0.94	0.80	1.05	0.15	0.27	0.734819	10278.20	8693.42	12463.49	1741.03	3015.55	10847.83	9176.88	12463.49	949.17	1644.01
0.97	0.76	1.21	0.17	0.30	0.882889	12872.95	10029.72	15100.31	2152.36	3727.99	13142.83	11118.37	15100.31	1149.98	1991.82
0.93	0.72	1.11	0.17	0.29	0.701628	9050.24	7014.53	11077.86	1605.97	2781.62	9641.82	8156.64	11077.86	843.64	1461.23

0.96	0.84	1.07	0.15	0.26	0.823674	9807.59	8530.52	11671.13	1597.86	2767.57	10158.18	8593.46	11671.13	888.82	1539.49
0.98	0.86	1.09	0.15	0.26	0.896649	13798.96	12246.27	16190.39	2185.34	3785.11	14091.60	11920.99	16190.39	1232.99	2135.61
0.90	0.70	1.03	0.17	0.29	0.574867	9694.10	7487.97	12273.35	1814.65	3143.07	10682.34	9036.88	12273.35	934.69	1618.93
0.93	0.72	1.14	0.17	0.30	0.726141	9414.91	7194.93	11455.66	1668.17	2889.36	9970.64	8434.81	11455.66	872.42	1511.07
0.96	0.86	1.03	0.15	0.25	0.811251	13259.61	11954.10	15806.91	2159.11	3739.69	13757.83	11638.63	15806.91	1203.79	2085.02
0.93	0.78	1.03	0.15	0.27	0.687918	11171.07	9392.59	13690.08	1930.36	3343.49	11915.40	10080.01	13690.08	1042.58	1805.80
0.97	0.82	1.11	0.15	0.27	0.859354	10413.62	8842.66	12305.28	1686.98	2921.94	10710.12	9060.38	12305.28	937.12	1623.14
0.99	0.65	1.47	0.23	0.40	0.957534	7319.43	4724.80	8966.75	1383.86	2396.92	7195.09	6086.79	8266.73	629.56	1090.43
0.94	0.67	1.24	0.19	0.34	0.771948	6087.54	4275.51	7308.44	1118.08	1936.56	6361.04	5381.21	7308.44	556.58	964.03
0.99	0.91	1.05	0.14	0.25	0.927434	12948.65	11675.05	15101.09	2024.83	3507.10	13143.51	11118.94	15101.09	1150.04	1991.92
1.00	0.95	1.06	0.14	0.25	0.97903	9803.25	8229.95	11843.42	1580.07	2736.77	9728.48	8229.95	11177.44	851.23	1474.37
1.06	0.86	1.40	0.18	0.32	0.737893	6289.69	5869.35	7021.43	887.20	1536.68	5947.97	5031.78	6833.86	520.44	901.43
1.15	0.95	1.62	0.21	0.36	0.454529	4062.94	2668.49	6182.82	897.05	1553.73	3320.58	2809.09	3815.14	290.55	503.24
0.89	0.67	1.04	0.17	0.30	0.558761	8968.98	7810.22	10177.06	1522.95	2637.84	10125.46	8565.78	11633.54	885.96	1534.53
1.50	0.99	3.40	0.50	0.87	0.265818	285.77	126.37	582.77	107.24	185.74	149.38	126.37	171.62	13.07	22.64
0.88	0.68	1.00	0.17	0.29	0.523917	4423.26	3926.54	5066.06	757.36	1311.79	5040.38	4263.98	5791.09	441.02	763.88
0.98	0.89	1.05	0.14	0.25	0.885067	9716.43	7392.42	11319.37	1637.70	2836.59	9852.02	8334.46	11319.37	862.04	1493.09
0.97	0.84	1.09	0.15	0.26	0.851079	10511.20	10041.00	10971.07	1568.40	2716.54	10915.44	9234.07	12541.17	955.08	1654.25
0.97	0.76	1.20	0.17	0.30	0.873796	1774.46	1537.42	2192.34	298.58	517.15	1817.36	1537.42	2088.03	159.02	275.42
1.16	0.93	1.70	0.22	0.38	0.45971	5329.98	4583.11	6560.18	784.25	1358.36	4559.87	3857.49	5239.01	398.98	691.06
0.88	0.62	1.08	0.18	0.32	0.556986	9531.51	7772.22	10890.49	1677.35	2905.26	10835.27	9166.25	12449.06	948.07	1642.10
0.99	0.81	1.21	0.17	0.29	0.967874	318.42	213.15	430.16	62.67	108.55	310.37	262.56	356.60	27.16	47.04
1.01	0.86	1.22	0.16	0.28	0.931161	449.33	313.08	601.78	85.34	147.82	430.95	364.56	495.13	37.71	65.31
0.69	0.27	1.22	0.34	0.58	0.425992	897.30	350.09	1186.20	253.70	439.42	1149.77	972.66	1321.01	100.60	174.25
1.00	0.98	1.03	0.14	0.24	0.980084	9998.73	8689.15	11272.39	1518.52	2630.16	9983.76	8445.91	11470.74	873.56	1513.06
1.07	0.99	1.24	0.15	0.26	0.643219	2103.62	1640.18	2430.43	325.11	563.11	1949.85	1649.50	2240.26	170.61	295.50
0.91	0.76	1.00	0.15	0.27	0.616908	2949.25	2747.08	3256.85	475.20	823.07	3240.34	2741.21	3722.95	283.52	491.08
1.02	0.61	1.72	0.28	0.49	0.955442	1967.20	1049.21	3400.05	568.65	984.93	1716.79	1452.34	1972.48	150.22	260.18
0.97	0.77	1.20	0.17	0.30	0.871958	9617.98	7577.60	11315.39	1603.12	2776.68	9848.55	8331.52	11315.39	861.73	1492.56
0.79	0.41	1.21	0.27	0.46	0.491716	205.60	115.83	252.68	47.43	82.15	247.02	208.97	283.81	21.61	37.44
1.03	0.85	1.27	0.17	0.29	0.884321	3142.57	2621.80	3522.49	476.97	826.13	3065.86	2593.61	3522.49	268.26	464.64
1.38	0.79	3.32	0.51	0.89	0.401305	698.01	253.90	1456.27	274.85	476.05	381.92	323.09	438.80	33.42	57.88
1.11	0.99	1.37	0.17	0.29	0.521729	2858.06	2604.92	3009.34	380.47	658.99	2591.71	2192.50	2977.72	226.77	392.78
1.06	0.97	1.21	0.15	0.26	0.716751	1263.78	1177.88	1382.41	177.00	306.57	1203.21	1017.87	1382.41	105.28	182.35
0.99	0.93	1.03	0.14	0.24	0.9278	621.57	492.71	742.60	102.89	178.22	626.22	529.76	719.48	54.79	94.90
1.00	0.95	1.07	0.14	0.25	0.976954	2362.47	2138.39	2572.98	348.68	603.93	2363.98	1999.84	2716.07	206.84	358.27
0.75	0.33	1.28	0.31	0.54	0.4835	3192.50	1462.98	4213.25	827.31	1432.95	3881.48	3283.60	4459.59	339.62	588.25
0.76	0.37	1.19	0.28	0.48	0.458918	6558.14	3441.11	8118.93	1594.33	2761.45	8077.76	6833.50	9280.85	706.79	1224.20
1.55	0.95	3.90	0.59	1.02	0.275037	2109.95	851.26	4513.59	862.16	1493.31	1006.26	851.26	1156.13	88.05	152.50
0.95	0.62	1.39	0.23	0.39	0.836129	1418.73	1021.41	2015.88	297.37	515.07	1440.85	1218.91	1655.45	126.07	218.36
0.96	0.77	1.15	0.17	0.29	0.816784	2260.89	2094.45	2384.09	343.78	595.45	2372.00	2006.63	2725.29	207.55	359.48
1.49	0.93	3.57	0.54	0.93	0.29218	490.04	211.27	1024.97	192.51	333.43	249.73	211.27	286.93	21.85	37.85
0.89	0.62	1.14	0.19	0.33	0.61036	7872.95	6315.41	8842.98	1372.60	2377.42	8798.15	7442.92	10108.53	769.82	1333.37
0.89	0.61	1.17	0.20	0.34	0.629117	7866.05	6165.58	8790.38	1385.06	2398.99	8745.81	7398.64	10048.40	765.24	1325.44
1.05	0.94	1.24	0.16	0.27	0.7463	2092.53	1548.03	2771.49	376.61	652.31	1948.14	1648.06	2238.29	170.46	295.24
0.96	0.87	1.02	0.14	0.25	0.79482	1446.10	1270.51	1759.11	241.23	417.83	1501.85	1270.51	1725.54	131.41	227.61
0.94	0.76	1.09	0.16	0.28	0.716497	2095.13	1689.40	2553.69	363.28	629.22	2222.65	1880.28	2553.69	194.48	336.85
1.03	0.92	1.20	0.15	0.26	0.839536	3954.81	3550.79	4419.55	576.99	999.37	3846.63	3254.11	4419.55	336.57	582.96
0.90	0.72	1.02	0.16	0.28	0.587033	4253.58	2799.05	5267.23	840.05	1455.00	4584.43	3878.26	5267.23	401.13	694.78
0.84	0.46	1.27	0.26	0.44	0.564062	860.45	522.96	1062.55	185.46	321.22	990.81	838.19	1138.38	86.69	150.16

1.21	0.72	2.45	0.38	0.66	0.555403	584.23	288.88	1125.54	199.95	346.33	399.86	338.27	459.42	34.99	60.60
0.94	0.73	1.12	0.17	0.29	0.726582	874.51	786.05	1048.82	146.56	253.85	932.27	788.67	1071.13	81.57	141.29
1.06	0.71	1.67	0.25	0.43	0.821675	2830.63	1439.45	4628.78	750.21	1299.40	2411.37	2039.93	2770.52	210.99	365.45
1.09	0.79	1.65	0.23	0.40	0.686149	2140.72	1201.35	3414.82	532.76	922.76	1796.84	1520.06	2064.46	157.22	272.31
0.98	0.60	1.58	0.26	0.45	0.945564	1930.74	880.96	3162.01	531.54	920.66	1740.39	1472.31	1999.60	152.28	263.76
1.06	0.93	1.26	0.16	0.27	0.725319	10918.40	9748.27	11919.33	1545.76	2677.34	10374.20	8776.21	11919.33	907.73	1572.23
0.99	0.84	1.15	0.16	0.27	0.930888	4123.59	2906.73	4738.92	727.44	1259.97	4112.61	3479.12	4725.14	359.85	623.27
1.14	0.89	1.65	0.22	0.37	0.529518	281.46	174.09	437.86	65.48	113.41	231.27	195.65	265.72	20.24	35.05
0.96	0.81	1.10	0.16	0.27	0.822206	2930.08	2444.16	3804.72	528.78	915.87	3004.09	2541.35	3451.51	262.85	455.27
0.97	0.86	1.07	0.15	0.26	0.872167	9971.38	8859.92	11753.34	1591.82	2757.10	10229.73	8653.99	11753.34	895.09	1550.33
1.02	0.94	1.14	0.15	0.25	0.872031	5648.48	4617.83	7159.54	950.89	1646.99	5458.66	4617.83	6271.67	477.62	827.27
1.19	0.71	2.36	0.37	0.63	0.586453	584.22	291.66	1113.79	196.50	340.35	410.42	347.20	471.55	35.91	62.20
0.92	0.72	1.08	0.17	0.29	0.655708	159.32	101.91	193.26	31.50	54.56	168.21	142.30	193.26	14.72	25.49
1.06	0.98	1.22	0.15	0.26	0.693066	79.93	76.19	85.11	10.98	19.02	75.81	64.13	87.10	6.63	11.49
0.90	0.66	1.10	0.18	0.31	0.609444	5428.53	3233.39	7258.47	1169.48	2025.60	5764.35	4876.44	6622.89	504.37	873.60
0.94	0.82	1.01	0.15	0.26	0.698847	8538.22	7820.37	9206.25	1336.82	2315.43	9159.57	7748.67	10523.79	801.45	1388.15
1.00	0.87	1.15	0.15	0.27	0.995921	11123.42	10928.40	11257.36	1599.04	2769.62	11200.28	9475.04	12868.44	980.01	1697.42
1.04	0.93	1.21	0.15	0.27	0.79876	9549.34	7739.14	11144.54	1480.38	2564.09	9148.30	7739.14	10510.84	800.46	1386.44
1.11	0.98	1.40	0.17	0.30	0.521737	4635.41	3480.22	5785.19	752.11	1302.69	4113.91	3480.22	4726.63	359.96	623.47
1.03	0.86	1.29	0.17	0.29	0.841655	4902.53	3978.01	6077.19	800.78	1387.00	4702.33	3978.01	5402.70	411.45	712.65
1.08	0.83	1.52	0.21	0.36	0.698884	3416.28	2606.48	4711.14	638.04	1105.12	3081.07	2606.48	3539.97	269.59	466.94
0.94	0.76	1.10	0.16	0.28	0.735532	810.08	537.42	964.54	153.90	266.56	839.50	710.19	964.54	73.45	127.23
1.00	0.80	1.25	0.17	0.30	0.998428	7753.23	7188.49	8232.56	1132.98	1962.38	7798.89	6597.58	8960.45	682.39	1181.93
0.96	0.76	1.16	0.17	0.29	0.821315	7010.41	6451.50	7385.67	1067.25	1848.54	7348.22	6216.34	8442.66	642.96	1113.64
0.97	0.75	1.23	0.18	0.31	0.875443	8199.17	7276.20	8793.78	1254.51	2172.88	8484.29	7177.41	9747.94	742.36	1285.81
0.77	0.31	1.49	0.36	0.62	0.5589	1498.64	610.69	2158.98	407.88	706.47	1717.51	1452.95	1973.32	150.28	260.29
0.67	0.23	1.25	0.36	0.63	0.426589	736.71	254.98	1004.19	217.57	376.84	946.13	800.40	1087.05	82.79	143.39
0.95	0.66	1.31	0.20	0.35	0.822626	3891.12	3083.33	4498.25	652.38	1129.96	4071.03	3443.95	4677.37	356.21	616.97
0.98	0.75	1.26	0.18	0.31	0.926422	8653.28	7652.70	9419.66	1314.36	2276.53	8842.42	7480.37	10159.40	773.70	1340.08
0.96	0.79	1.11	0.16	0.27	0.811542	3237.11	2210.03	4198.41	620.45	1074.65	3286.15	2779.96	3775.58	287.53	498.02
1.27	0.79	2.59	0.39	0.68	0.451276	996.65	430.22	1914.34	339.98	588.86	642.12	543.21	737.76	56.18	97.31
1.02	0.97	1.11	0.14	0.25	0.868215	3431.93	2710.50	4249.78	569.15	985.79	3318.61	2807.42	3812.88	290.37	502.94
0.99	0.93	1.06	0.14	0.25	0.973053	4652.62	3643.96	5343.38	756.95	1311.07	4650.71	3934.34	5343.38	406.93	704.82
1.00	0.65	1.53	0.24	0.42	0.987947	11292.66	8278.63	14404.04	2021.99	3502.19	11138.54	9422.81	12797.51	974.60	1688.06
1.13	0.87	1.66	0.22	0.38	0.553941	6626.18	5827.68	8191.20	998.81	1730.00	5829.96	4931.93	6698.26	510.11	883.54
0.93	0.76	1.06	0.16	0.27	0.687888	9808.79	7990.03	12033.02	1712.60	2966.31	10473.15	8859.92	12033.02	916.38	1587.22
1.10	0.97	1.38	0.17	0.29	0.556339	5338.08	3974.92	7473.79	1016.77	1761.10	4698.69	3974.92	5398.51	411.13	712.09
0.65	0.24	1.17	0.35	0.60	0.396686	1109.05	395.27	1704.53	340.58	589.90	1450.82	1227.34	1666.90	126.94	219.87
0.62	0.22	1.05	0.33	0.57	0.350045	2009.65	724.34	2817.54	609.03	1054.87	2803.25	2371.45	3220.76	245.28	424.84
0.63	0.21	1.16	0.36	0.63	0.386028	3234.58	1055.90	4372.94	989.35	1713.60	4350.77	3680.60	4998.77	380.69	659.37
0.90	0.69	1.08	0.17	0.30	0.614666	423.54	316.86	566.13	83.79	145.14	458.21	387.63	526.45	40.09	69.44
1.37	0.81	3.15	0.48	0.83	0.3924	593.13	273.69	1220.51	226.98	393.14	337.12	285.19	387.33	29.50	51.09
1.14	0.98	1.52	0.19	0.32	0.448313	158.33	112.09	231.76	32.35	56.03	132.50	112.09	152.24	11.59	20.08
0.99	0.96	1.01	0.14	0.24	0.951798	8605.66	7061.96	10050.16	1378.11	2386.95	8660.73	7326.67	9950.66	757.80	1312.55
0.90	0.60	1.20	0.20	0.35	0.646759	1102.74	843.08	1239.05	196.74	340.76	1219.86	1031.95	1401.54	106.74	184.87
0.93	0.69	1.15	0.18	0.31	0.70291	1245.95	1062.38	1544.12	218.39	378.27	1337.35	1131.35	1536.53	117.02	202.68
0.94	0.77	1.10	0.16	0.28	0.751324	232.80	155.11	302.78	45.62	79.01	239.29	202.43	274.93	20.94	36.27
0.82	0.52	1.08	0.21	0.36	0.471555	4727.78	3359.13	5671.20	944.99	1636.77	5642.44	4773.30	6482.82	493.70	855.12
1.04	0.92	1.24	0.16	0.27	0.787131	6124.59	4943.38	7253.76	957.80	1658.97	5843.48	4943.38	6713.81	511.30	885.59
1.05	0.91	1.27	0.16	0.28	0.756217	3680.62	2669.95	4406.60	614.91	1065.05	3451.29	2919.66	3965.32	301.98	523.05

1.09	0.98	1.33	0.16	0.28	0.570479	3351.69	2522.11	4052.55	535.10	926.83	3029.23	2562.62	3480.40	265.05	459.08
1.20	0.71	2.43	0.38	0.65	0.563694	429.56	176.75	817.96	145.50	252.01	292.47	247.42	336.03	25.59	44.32
0.88	0.63	1.09	0.18	0.32	0.572989	3536.00	2872.91	4373.18	647.19	1120.96	3974.05	3361.90	4565.94	347.72	602.27
0.87	0.63	1.03	0.18	0.31	0.512577	1603.16	1334.57	1915.21	288.85	500.30	1843.70	1559.70	2118.29	161.32	279.42
1.01	0.92	1.10	0.14	0.25	0.971255	812.14	684.02	893.36	124.10	214.95	808.57	684.02	929.00	70.75	122.54
0.99	0.92	1.04	0.14	0.25	0.920952	642.27	578.47	689.69	96.36	166.90	655.31	554.37	752.91	57.34	99.31
1.04	0.99	1.15	0.15	0.25	0.76542	787.33	631.44	988.09	129.95	225.07	746.42	631.44	857.59	65.31	113.12
0.83	0.50	1.12	0.22	0.38	0.4925	3572.89	2451.98	4256.80	724.22	1254.38	4235.22	3582.84	4866.00	370.57	641.85
1.08	0.94	1.35	0.17	0.29	0.630725	4634.40	4332.23	4911.89	626.11	1084.46	4310.26	3646.33	4952.23	377.14	653.23
1.01	0.95	1.07	0.14	0.25	0.965678	8038.67	7259.87	8789.61	1186.56	2055.17	8025.63	6789.40	9220.96	702.23	1216.30
0.95	0.73	1.20	0.18	0.31	0.806948	5114.39	4488.32	5444.38	799.08	1384.04	5383.04	4553.86	6184.78	471.01	815.81
1.25	0.87	2.25	0.32	0.55	0.41461	238.29	121.47	427.02	71.37	123.62	165.53	140.03	190.18	14.48	25.09
0.91	0.54	1.37	0.24	0.42	0.718815	1412.98	946.08	1764.15	276.80	479.43	1520.95	1286.67	1747.48	133.08	230.50
0.87	0.55	1.18	0.21	0.37	0.576211	372.75	269.22	426.49	70.73	122.51	424.33	358.97	487.53	37.13	64.31
0.90	0.63	1.17	0.19	0.34	0.64664	384.28	306.24	426.62	66.55	115.26	424.46	359.08	487.68	37.14	64.33
1.02	0.84	1.25	0.17	0.29	0.925895	1045.52	713.10	1267.09	186.90	323.72	1006.47	851.44	1156.38	88.06	152.53
1.07	0.72	1.70	0.25	0.44	0.774027	4037.14	2494.64	6714.03	1068.72	1851.08	3431.29	2902.75	3942.35	300.23	520.02
1.09	0.91	1.41	0.18	0.31	0.628165	2396.07	1636.87	3423.52	482.88	836.37	2117.04	1790.94	2432.35	185.24	320.84
1.00	0.79	1.25	0.17	0.30	0.986449	5369.74	3460.97	7448.15	1100.24	1905.67	5173.73	4376.79	5944.30	452.69	784.09
0.99	0.94	1.03	0.14	0.24	0.928124	7466.51	5957.65	8876.25	1228.33	2127.53	7527.28	6367.81	8648.39	658.63	1140.77
1.03	1.00	1.11	0.14	0.25	0.81554	4508.07	3652.48	5520.38	727.83	1260.63	4329.29	3662.43	4974.09	378.81	656.11
1.27	0.88	2.30	0.33	0.57	0.389653	237.25	137.37	429.96	71.98	124.67	162.38	137.37	186.56	14.21	24.61
1.01	0.97	1.08	0.14	0.25	0.924183	7985.39	6422.81	9021.68	1253.13	2170.48	7852.18	6642.66	9021.68	687.05	1190.01
1.00	0.59	1.68	0.28	0.48	0.996422	1753.61	767.76	2954.66	502.71	870.72	1530.61	1294.85	1758.58	133.93	231.97
0.99	0.96	1.02	0.14	0.24	0.965627	2642.30	2147.53	3047.18	421.70	730.40	2652.17	2243.64	3047.18	232.06	401.94
0.99	0.94	1.03	0.14	0.24	0.954468	7396.52	6323.94	8092.19	1133.51	1963.30	7475.42	6323.94	8588.80	654.09	1132.91
0.83	0.54	1.05	0.20	0.35	0.462416	4129.62	3031.29	5200.73	829.08	1436.01	4913.73	4156.84	5645.58	429.94	744.68
0.97	0.89	1.03	0.14	0.25	0.853826	8076.88	7056.02	8661.14	1243.55	2153.90	8340.80	7056.02	9583.07	729.81	1264.06
0.97	0.85	1.07	0.15	0.26	0.842483	6851.73	6002.57	7609.86	1064.37	1843.54	7095.54	6002.57	8152.34	620.85	1075.34
0.94	0.79	1.05	0.15	0.27	0.725425	4200.49	3787.00	4737.25	668.72	1158.26	4476.54	3787.00	5143.28	391.69	678.43
1.14	0.84	1.78	0.24	0.42	0.558797	534.61	361.52	878.46	136.17	235.86	430.09	363.84	494.15	37.63	65.18
0.99	0.87	1.11	0.15	0.26	0.942129	6266.55	5980.39	6417.51	916.29	1587.06	6384.97	5401.46	7335.94	558.67	967.65
0.98	0.91	1.04	0.14	0.25	0.902779	4657.56	4187.30	4992.28	701.38	1214.82	4768.81	4034.24	5479.07	417.26	722.72
0.96	0.71	1.24	0.19	0.32	0.827924	5252.76	4467.89	5764.41	833.24	1443.22	5497.97	4651.09	6316.84	481.06	833.23
0.88	0.65	1.05	0.18	0.30	0.543937	3285.28	2772.65	3930.26	583.61	1010.85	3727.02	3152.92	4282.12	326.11	564.84
0.92	0.63	1.26	0.21	0.36	0.735107	2531.72	1956.21	2905.71	439.41	761.07	2719.38	2300.50	3124.40	237.94	412.13
0.95	0.74	1.17	0.17	0.30	0.796806	4008.85	3582.84	4250.82	621.85	1077.07	4229.27	3577.81	4859.17	370.05	640.95
0.99	0.74	1.33	0.19	0.33	0.966823	5514.77	4703.63	6245.41	854.57	1480.16	5566.90	4709.40	6396.03	487.10	843.67
0.96	0.84	1.04	0.15	0.26	0.778307	9745.78	8666.31	10737.73	1521.40	2635.14	10244.29	8666.31	11770.07	896.36	1552.54
1.00	0.71	1.42	0.21	0.36	0.989079	6557.59	5330.93	7797.76	1056.39	1829.72	6510.91	5508.00	7480.64	569.69	986.74
0.88	0.51	1.32	0.25	0.43	0.652161	5258.31	3423.40	6509.94	1061.44	1838.46	5811.98	4916.73	6677.61	508.54	880.82
1.28	0.96	2.18	0.30	0.52	0.331616	443.49	250.00	771.48	124.56	215.74	307.41	260.06	353.19	26.90	46.59
0.90	0.65	1.11	0.18	0.31	0.607397	1079.08	892.91	1332.21	194.22	336.39	1196.41	1012.12	1374.60	104.68	181.32
0.95	0.73	1.20	0.18	0.31	0.808193	1109.08	682.62	1527.52	234.27	405.77	1111.44	940.24	1276.97	97.25	168.44
0.91	0.71	1.06	0.17	0.29	0.622578	1401.65	897.69	1810.09	284.55	492.85	1489.60	1260.15	1711.46	130.34	225.75
1.05	0.97	1.20	0.15	0.26	0.735946	7360.43	7079.83	7868.14	1020.64	1767.80	7043.93	5958.91	8093.04	616.33	1067.52
0.97	0.83	1.08	0.15	0.26	0.828035	1558.45	1339.66	1982.41	273.01	472.86	1599.68	1353.27	1837.94	139.97	242.43
1.23	0.74	2.53	0.39	0.67	0.51173	327.61	136.43	628.79	112.10	194.17	216.50	183.15	248.74	18.94	32.81
0.96	0.83	1.07	0.15	0.26	0.80354	557.58	398.42	701.21	102.30	177.18	570.20	482.37	655.12	49.89	86.41
0.90	0.71	1.02	0.16	0.28	0.582106	1281.79	1171.47	1436.93	211.58	366.47	1429.64	1209.43	1642.57	125.09	216.66

0.89	0.71	1.01	0.16	0.28	0.561259	1078.32	980.20	1231.20	181.06	313.60	1209.94	1023.57	1390.15	105.87	183.37
1.01	0.94	1.12	0.15	0.25	0.921127	15379.73	14415.43	16395.97	2212.43	3832.04	15250.05	12901.00	17521.38	1334.36	2311.17
0.86	0.63	1.01	0.18	0.30	0.490075	4139.61	2458.27	5289.36	894.67	1549.61	4603.69	3894.56	5289.36	402.82	697.70
0.82	0.53	1.04	0.20	0.35	0.450017	1012.69	515.86	1370.50	244.05	422.71	1145.86	969.36	1316.52	100.26	173.66
0.93	0.74	1.07	0.16	0.28	0.680923	2763.45	1823.83	3335.05	532.44	922.21	2902.72	2455.60	3335.05	253.98	439.91
0.97	0.84	1.08	0.15	0.26	0.842852	2027.64	1467.22	2372.53	355.95	616.52	2064.97	1746.90	2372.53	180.68	312.95
1.06	0.97	1.22	0.15	0.26	0.707075	3268.72	3124.51	3460.49	448.97	777.65	3108.67	2629.82	3571.67	272.00	471.12
1.01	0.84	1.21	0.16	0.28	0.973411	7377.42	7164.44	7538.09	1057.24	1831.20	7392.07	6253.43	8493.04	646.79	1120.28
1.10	0.83	1.61	0.22	0.38	0.646782	9366.12	8041.79	11547.89	1435.96	2487.16	8465.53	7161.54	9726.38	740.72	1282.97
1.07	0.73	1.68	0.25	0.43	0.769339	5808.17	4484.62	7584.11	1001.74	1735.07	5328.61	4507.82	6122.25	466.25	807.56
1.08	0.89	1.42	0.18	0.32	0.660694	9291.01	7664.26	10345.04	1356.39	2349.34	8585.07	7262.66	9863.72	751.18	1301.08
1.00	0.89	1.13	0.15	0.26	0.978652	9724.14	8708.09	11151.00	1478.51	2560.86	9705.47	8210.49	11151.00	849.21	1470.88
0.95	0.81	1.07	0.15	0.26	0.780478	11638.15	9903.44	13975.05	1935.41	3352.23	12163.44	10289.83	13975.05	1064.28	1843.39
1.07	0.73	1.66	0.24	0.42	0.777734	7757.35	6038.18	10045.76	1322.94	2291.40	7151.67	6050.06	8216.83	625.76	1083.85
0.89	0.53	1.32	0.24	0.41	0.671828	7854.17	5282.68	9620.80	1541.10	2669.26	8615.11	7288.08	9898.24	753.81	1305.64
1.09	0.71	1.86	0.28	0.49	0.732307	4066.43	2921.51	5656.69	774.95	1342.26	3602.72	3047.77	4139.30	315.23	546.00
1.05	0.82	1.42	0.19	0.33	0.789822	1670.91	1299.24	1899.52	261.31	452.60	1578.82	1335.63	1813.97	138.14	239.27
1.10	0.88	1.51	0.20	0.34	0.618137	1265.19	1011.25	1467.20	189.03	327.42	1146.38	969.80	1317.12	100.31	173.74
1.01	0.68	1.53	0.23	0.40	0.951972	143.88	94.68	178.42	26.58	46.04	137.99	116.73	158.54	12.07	20.91
0.96	0.73	1.23	0.18	0.31	0.84586	6358.29	5543.67	6871.02	988.96	1712.94	6626.40	5605.70	7613.33	579.80	1004.24
0.91	0.74	1.03	0.16	0.28	0.624169	2475.12	1988.33	3085.87	445.94	772.39	2685.85	2272.13	3085.87	235.01	407.04
1.10	0.85	1.58	0.21	0.37	0.629476	3247.99	2490.09	3898.52	507.54	879.08	2920.40	2470.55	3355.36	255.53	442.59
1.04	0.90	1.24	0.16	0.27	0.814287	4342.56	4235.64	4420.94	602.34	1043.28	4214.16	3565.03	4841.82	368.73	638.66
1.00	1.00	1.00	0.14	0.24	0.998656	3971.06	3357.77	4581.58	618.79	1071.77	3969.16	3357.77	4560.32	347.30	601.53
0.97	0.83	1.09	0.15	0.26	0.830153	10681.18	10264.95	11202.98	1601.69	2774.22	11146.18	9429.27	12806.28	975.27	1689.22
0.94	0.77	1.09	0.16	0.28	0.741994	9515.83	8971.01	10204.78	1470.74	2547.39	10153.04	8589.11	11665.23	888.37	1538.71
0.97	0.75	1.22	0.18	0.31	0.868772	9432.46	8381.40	10089.57	1444.09	2501.24	9776.59	8270.65	11232.71	855.44	1481.66
0.99	0.69	1.39	0.21	0.37	0.946108	9169.92	7288.84	10919.20	1514.48	2623.15	9254.57	7829.03	10632.93	809.76	1402.55
0.99	0.70	1.40	0.21	0.36	0.970717	8015.05	6446.63	9516.69	1307.12	2264.00	8040.85	6802.27	9238.45	703.56	1218.60
0.97	0.87	1.05	0.15	0.25	0.839041	4357.71	3820.24	4752.58	673.51	1166.55	4515.84	3820.24	5188.42	395.13	684.38
0.92	0.66	1.17	0.19	0.32	0.688926	6338.98	5257.34	6934.48	1055.97	1829.00	6899.32	5836.58	7926.90	603.68	1045.60
0.88	0.68	1.01	0.17	0.29	0.53535	8142.24	7259.62	9355.92	1389.67	2406.98	9233.47	7811.19	10608.70	807.91	1399.35
1.06	0.99	1.21	0.15	0.26	0.684628	1189.82	1132.70	1286.69	164.38	284.72	1126.95	953.36	1294.80	98.61	170.79
0.81	0.45	1.17	0.24	0.42	0.495324	5667.79	3501.53	6795.95	1231.65	2133.28	6761.49	5719.98	7768.54	591.62	1024.71
1.12	0.90	1.56	0.20	0.35	0.550505	9767.85	8754.66	11530.06	1390.86	2409.04	8710.27	7368.58	10007.57	762.13	1320.06
0.93	0.70	1.13	0.17	0.30	0.700402	7182.11	5418.07	8796.70	1292.65	2238.93	7656.37	6477.02	8796.70	669.92	1160.34
0.91	0.68	1.10	0.18	0.30	0.631585	5973.67	4421.40	7456.25	1114.06	1929.62	6489.68	5490.04	7456.25	567.84	983.52
0.94	0.79	1.04	0.15	0.26	0.699919	7157.01	6028.01	9028.79	1270.30	2200.23	7582.16	6414.24	8711.44	663.43	1149.09
0.91	0.72	1.05	0.16	0.28	0.626594	4737.86	3696.58	6191.62	901.37	1561.22	5112.98	4325.40	5874.50	447.38	774.88
1.01	0.76	1.35	0.19	0.33	0.964529	10286.19	8914.04	11678.33	1562.31	2706.00	10214.15	8640.81	11735.43	893.72	1547.97
1.21	0.64	2.76	0.45	0.78	0.609219	2633.42	1421.38	4528.35	732.89	1269.40	1940.63	1641.71	2229.67	169.80	294.11
0.97	0.68	1.32	0.20	0.35	0.872934	666.65	371.60	980.22	154.71	267.97	644.83	545.50	740.87	56.42	97.72
0.95	0.79	1.09	0.16	0.27	0.776563	128.91	88.76	152.42	23.70	41.05	132.66	112.23	152.42	11.61	20.11
0.99	0.89	1.11	0.15	0.26	0.969912	156.20	133.10	175.31	24.08	41.71	157.33	133.10	180.76	13.77	23.84
1.06	0.95	1.24	0.15	0.27	0.716425	222.38	176.96	261.38	34.53	59.81	209.18	176.96	240.34	18.30	31.70
0.98	0.80	1.18	0.16	0.28	0.921803	109.68	94.11	132.33	17.86	30.94	111.24	94.11	127.81	9.73	16.86
0.94	0.54	1.53	0.27	0.47	0.821087	6236.49	3944.50	8316.19	1280.39	2217.70	6416.08	5427.78	7371.69	561.40	972.37
0.97	0.69	1.31	0.20	0.35	0.880323	6109.75	4999.28	7001.49	989.70	1714.21	6296.39	5326.52	7234.17	550.92	954.23
0.95	0.76	1.14	0.17	0.29	0.795716	3282.21	3027.67	3478.63	502.57	870.47	3460.99	2927.87	3976.47	302.83	524.52
1.03	0.49	2.24	0.41	0.70	0.941841	1397.19	677.10	2295.33	378.16	654.99	1212.96	1026.12	1393.62	106.13	183.83

0.92	0.62	1.27	0.21	0.36	0.731545	3132.88	2389.96	3622.92	549.71	952.12	3368.60	2849.71	3870.31	294.75	510.52
0.99	0.58	1.65	0.28	0.48	0.961067	3506.94	2296.38	4777.16	704.40	1220.06	3429.80	2901.49	3940.63	300.10	519.79
0.85	0.52	1.19	0.22	0.39	0.558785	4665.03	3210.94	5394.16	921.59	1596.24	5362.66	4536.62	6161.37	469.22	812.72
0.85	0.52	1.18	0.22	0.39	0.547336	4265.93	2924.07	4954.92	848.25	1469.21	4929.80	4170.43	5664.04	431.35	747.12
0.84	0.52	1.14	0.22	0.37	0.521553	2821.17	1983.87	3309.39	555.86	962.79	3292.61	2785.43	3783.01	288.10	499.00
1.10	0.67	2.00	0.31	0.54	0.737144	41.97	19.15	67.90	11.12	19.26	33.82	28.61	38.85	2.96	5.13
1.01	0.93	1.11	0.15	0.25	0.937855	9451.35	7906.20	10448.16	1443.49	2500.19	9345.79	7906.20	10737.74	817.74	1416.37
0.90	0.70	1.06	0.17	0.29	0.602464	8373.26	7433.26	9839.35	1423.45	2465.50	9276.01	7847.18	10657.57	811.64	1405.79
1.13	0.99	1.47	0.18	0.31	0.471536	892.40	654.88	1145.77	149.21	258.44	774.12	654.88	889.42	67.73	117.32
1.11	0.93	1.49	0.19	0.32	0.545786	323.78	240.96	425.64	55.83	96.70	284.84	240.96	327.26	24.92	43.17
1.07	0.91	1.34	0.17	0.29	0.701344	3477.48	2458.53	4295.97	595.12	1030.77	3201.17	2708.08	3677.95	280.10	485.14
1.03	0.80	1.37	0.19	0.32	0.86927	1331.30	844.28	1717.59	254.26	440.39	1246.38	1054.40	1432.02	109.06	188.89
1.10	0.92	1.43	0.18	0.31	0.603113	3017.43	2085.83	3876.96	530.49	918.83	2689.00	2274.80	3089.50	235.28	407.52
0.91	0.73	1.03	0.16	0.28	0.609108	1679.89	1556.12	1915.62	277.19	480.11	1853.43	1567.93	2129.48	162.17	280.89
0.99	0.89	1.10	0.15	0.25	0.964108	4808.54	4061.73	6067.17	818.09	1416.98	4801.31	4061.73	5516.41	420.11	727.65
1.12	0.94	1.48	0.19	0.32	0.535572	3256.17	2366.42	4759.92	667.09	1155.43	2797.30	2366.42	3213.93	244.76	423.94
1.08	0.87	1.46	0.19	0.33	0.673331	1613.79	1493.20	1843.43	228.46	395.70	1497.12	1266.51	1720.10	131.00	226.89
0.98	0.53	1.77	0.31	0.54	0.938327	2371.49	1383.77	3426.89	530.45	918.77	2292.13	1939.06	2633.52	200.56	347.38
1.07	1.00	1.24	0.15	0.26	0.646677	2311.09	2181.79	2481.89	315.95	547.24	2170.73	1836.36	2494.03	189.94	328.98
1.22	0.98	1.84	0.24	0.41	0.355036	5555.14	4532.64	7034.87	837.10	1449.90	4509.66	3815.01	5181.32	394.59	683.45
1.08	0.95	1.34	0.17	0.29	0.625474	524.45	489.87	554.04	70.76	122.56	487.38	412.31	559.97	42.65	73.86
1.11	0.97	1.42	0.17	0.30	0.52548	212.30	192.84	229.70	28.39	49.18	191.86	162.31	220.44	16.79	29.08
0.96	0.64	1.36	0.22	0.38	0.847228	1137.09	850.81	1583.00	229.52	397.55	1155.43	977.45	1327.52	101.10	175.11
0.82	0.45	1.22	0.25	0.43	0.528568	656.16	400.94	794.23	142.14	246.19	769.40	650.88	883.99	67.32	116.60
1.06	0.89	1.36	0.17	0.30	0.714288	773.74	607.52	979.39	128.25	222.13	718.14	607.52	825.10	62.84	108.83
0.81	0.53	1.01	0.20	0.35	0.426684	8469.66	6251.98	10339.42	1692.34	2931.22	10287.00	8702.43	11819.13	900.10	1559.01
0.79	0.49	1.01	0.21	0.36	0.406681	5913.00	4117.28	7356.44	1241.96	2151.13	7319.14	6191.73	8409.24	640.41	1109.23
0.91	0.65	1.18	0.19	0.33	0.68125	1489.63	841.00	2084.19	335.78	581.59	1535.86	1299.28	1764.61	134.39	232.76
0.85	0.48	1.28	0.25	0.43	0.589951	4273.37	2672.62	5265.93	897.95	1555.30	4856.81	4108.69	5580.18	424.96	736.06
0.91	0.49	1.56	0.29	0.51	0.779654	5176.49	3022.52	7106.23	1135.12	1966.09	5373.33	4545.64	6173.63	470.16	814.34
0.88	0.55	1.24	0.22	0.39	0.621561	3291.43	2315.16	3857.15	629.38	1090.11	3683.20	3115.86	4231.77	322.27	558.20
0.87	0.63	1.04	0.18	0.31	0.518448	1666.86	1387.69	1926.95	294.85	510.69	1917.18	1621.86	2202.72	167.75	290.55
0.90	0.62	1.17	0.20	0.34	0.629206	7296.58	5742.30	8152.20	1281.13	2218.98	8110.87	6861.51	9318.89	709.69	1229.22
0.88	0.61	1.12	0.19	0.33	0.573895	5661.65	4462.87	6447.99	1011.29	1751.60	6415.30	5427.12	7370.79	561.33	972.25
0.88	0.53	1.29	0.24	0.41	0.647333	2812.04	1901.52	3403.27	551.51	955.24	3115.44	2635.55	3579.45	272.60	472.15
1.03	0.93	1.18	0.15	0.26	0.833069	10703.78	10462.28	11156.28	1497.57	2593.87	10439.58	8831.51	11994.44	913.45	1582.14
0.94	0.77	1.08	0.16	0.27	0.735676	368.30	349.91	395.38	56.95	98.65	393.38	332.78	451.96	34.42	59.62
0.80	0.46	1.11	0.23	0.40	0.461898	684.83	442.32	833.43	146.51	253.75	829.21	701.48	952.71	72.55	125.67
0.80	0.51	1.00	0.20	0.35	0.407377	2272.69	1635.47	2813.04	467.23	809.26	2798.78	2367.66	3215.62	244.89	424.16
0.91	0.60	1.24	0.21	0.36	0.689659	631.24	471.56	848.01	125.23	216.91	678.70	574.15	779.78	59.38	102.86
1.02	0.81	1.33	0.18	0.31	0.894879	585.32	477.27	755.14	100.84	174.66	564.17	477.27	648.19	49.36	85.50
0.90	0.72	1.02	0.16	0.28	0.586585	1260.79	1156.34	1411.04	207.51	359.41	1403.89	1187.64	1612.98	122.84	212.76
1.01	0.77	1.34	0.19	0.33	0.94966	905.02	796.32	1017.60	135.63	234.91	896.57	758.47	1030.11	78.45	135.88
0.97	0.75	1.20	0.17	0.30	0.854179	672.24	604.42	709.43	102.59	177.69	699.30	591.58	803.45	61.19	105.98
0.88	0.64	1.05	0.18	0.31	0.544741	7511.25	6290.95	9033.08	1342.47	2325.23	8522.48	7209.71	9791.81	745.70	1291.60
0.95	0.84	1.01	0.15	0.25	0.743653	6102.24	5470.04	6592.15	951.59	1648.21	6466.04	5470.04	7429.08	565.77	979.94
0.83	0.40	1.43	0.30	0.53	0.609935	3784.60	1944.51	5146.52	906.48	1570.07	4241.16	3587.87	4872.84	371.09	642.75
0.98	0.79	1.17	0.16	0.28	0.887444	3200.87	2768.76	3859.25	523.32	906.41	3272.91	2768.76	3760.37	286.37	496.01
0.89	0.70	1.01	0.16	0.28	0.55619	2191.15	1987.42	2477.59	366.71	635.16	2465.02	2085.32	2832.16	215.69	373.58
0.97	0.72	1.28	0.19	0.33	0.885231	5726.14	4876.00	6368.37	898.50	1556.25	5903.98	4994.56	6783.31	516.59	894.76

0.92	0.66	1.18	0.19	0.33	0.690807	6595.86	5406.48	7214.27	1106.79	1917.01	7177.69	6072.07	8246.73	628.04	1087.79
0.98	0.81	1.17	0.16	0.28	0.911426	2567.40	2446.09	2649.37	378.50	655.58	2635.93	2229.90	3028.53	230.64	399.48
0.98	0.86	1.10	0.15	0.26	0.90828	2931.03	2795.62	3022.37	431.66	747.66	3007.04	2543.85	3454.91	263.11	455.72
0.95	0.81	1.04	0.15	0.26	0.73823	4421.90	4149.85	4730.61	681.81	1180.93	4706.62	3981.64	5407.62	411.82	713.30
0.97	0.73	1.26	0.18	0.32	0.883899	5959.84	5161.73	6535.82	924.35	1601.02	6150.61	5203.20	7066.68	538.17	932.14
0.97	0.82	1.10	0.15	0.27	0.835535	5513.14	4836.37	6340.60	872.93	1511.96	5716.99	4836.37	6568.47	500.23	866.42
0.84	0.53	1.13	0.21	0.37	0.516037	3070.12	2178.46	3607.82	602.41	1043.41	3589.53	3036.61	4124.15	314.08	544.00
1.07	0.96	1.29	0.16	0.28	0.648499	3453.16	3253.42	3578.19	467.16	809.15	3236.93	2738.33	3719.03	283.23	490.56
0.96	0.88	1.01	0.14	0.25	0.801815	5525.45	4929.00	6596.20	902.47	1563.12	5741.12	4856.78	6596.20	502.34	870.08
0.93	0.78	1.01	0.15	0.26	0.654247	3960.07	3357.06	4889.19	692.45	1199.36	4255.40	3599.91	4889.19	372.34	644.91
1.07	0.97	1.27	0.16	0.27	0.643506	5087.00	4791.93	5333.45	689.14	1193.63	4767.63	4033.25	5477.72	417.16	722.54
1.30	0.97	2.24	0.31	0.53	0.318925	3552.43	2586.29	5024.88	650.24	1126.26	2651.24	2242.85	3046.11	231.98	401.80
0.88	0.63	1.09	0.18	0.32	0.572603	1714.25	1206.29	2182.17	336.55	582.92	1899.29	1606.73	2182.17	166.19	287.84
1.01	0.96	1.07	0.14	0.25	0.958268	3840.14	3074.74	4363.51	608.24	1053.50	3797.86	3212.86	4363.51	332.31	575.57
1.01	0.92	1.14	0.15	0.26	0.926933	4246.43	4056.39	4444.28	606.68	1050.80	4217.12	3567.53	4845.21	368.99	639.11
1.00	0.98	1.00	0.14	0.24	0.973143	6660.30	5547.47	7682.17	1048.99	1816.90	6686.31	5656.38	7682.17	585.04	1013.32
0.97	0.87	1.04	0.14	0.25	0.834598	3376.17	2938.63	4137.77	564.37	977.52	3473.70	2938.63	3991.07	303.94	526.45
0.85	0.38	1.59	0.34	0.59	0.666598	4215.46	1984.43	6098.33	1067.58	1849.10	4540.47	3841.08	5216.72	397.28	688.12
1.14	1.00	1.50	0.18	0.32	0.440546	4382.01	3853.70	4877.37	586.67	1016.14	3842.65	3250.74	4414.97	336.23	582.36
0.97	0.76	1.21	0.17	0.30	0.887991	4695.02	4255.15	4960.14	708.57	1227.28	4845.06	4098.75	5566.68	423.94	734.28
0.98	0.82	1.14	0.16	0.27	0.89254	2747.32	2659.05	2846.01	405.68	702.66	2831.58	2395.42	3253.31	247.76	429.13
1.02	0.99	1.07	0.14	0.24	0.885213	1620.19	1445.35	1828.54	240.39	416.36	1591.50	1346.36	1828.54	139.25	241.20
0.99	0.88	1.09	0.15	0.25	0.925804	1573.69	1415.35	1836.45	246.42	426.82	1598.39	1352.18	1836.45	139.86	242.24
1.01	0.82	1.26	0.17	0.30	0.949841	904.18	750.93	1126.77	150.05	259.90	887.67	750.93	1019.87	77.67	134.53
1.07	0.90	1.38	0.18	0.30	0.678673	832.07	565.74	1181.77	167.24	289.67	744.89	630.15	855.83	65.18	112.89
1.01	0.66	1.55	0.24	0.42	0.972841	4249.82	3139.34	5446.86	756.19	1309.77	4142.16	3504.12	4759.09	362.43	627.75
0.90	0.56	1.28	0.23	0.39	0.673402	5505.77	3889.57	6558.34	1038.40	1798.57	6038.63	5108.47	6938.02	528.37	915.16
0.86	0.41	1.57	0.32	0.56	0.689538	4813.27	2417.97	6848.14	1171.76	2029.55	5147.46	4354.57	5914.12	450.39	780.11
0.88	0.45	1.52	0.30	0.52	0.707661	2198.51	1208.28	3027.46	503.27	871.69	2347.82	1986.17	2697.50	205.43	355.82
0.98	0.80	1.16	0.16	0.28	0.897599	4877.79	4645.14	5048.67	721.49	1249.65	5023.07	4249.34	5771.20	439.51	761.25
1.02	0.87	1.23	0.16	0.28	0.886636	7338.68	7236.21	7519.07	1032.33	1788.05	7223.94	6111.20	8299.87	632.08	1094.80
1.01	0.92	1.14	0.15	0.26	0.923669	6424.94	6135.80	6729.95	917.55	1589.25	6376.57	5394.35	7326.29	557.94	966.38
0.97	0.89	1.03	0.14	0.25	0.862591	8600.69	7498.90	9195.58	1323.08	2291.64	8864.33	7498.90	10184.57	775.61	1343.40
0.97	0.90	1.01	0.14	0.25	0.837081	3831.62	3358.77	4085.68	590.49	1022.76	3970.35	3358.77	4561.69	347.40	601.71
1.01	0.81	1.28	0.17	0.30	0.936394	3479.83	3230.10	3740.50	503.17	871.52	3451.29	2919.67	3965.32	301.98	523.05
1.06	0.97	1.22	0.15	0.26	0.70915	8879.43	8222.45	9693.68	1241.53	2150.38	8437.07	7137.46	9693.68	738.23	1278.65
1.13	0.99	1.48	0.18	0.31	0.465907	12297.87	10785.33	13614.13	1656.47	2869.10	10874.51	9199.45	12494.15	951.50	1648.05
1.07	0.97	1.26	0.15	0.27	0.65771	12999.91	11964.14	14032.55	1792.44	3104.59	12213.49	10332.18	14032.56	1068.66	1850.97
0.75	0.39	1.12	0.26	0.45	0.426873	3740.19	2076.85	4715.03	892.71	1546.22	4691.12	3968.52	5389.81	410.47	710.95
1.11	0.95	1.44	0.18	0.31	0.538256	13929.22	12653.90	15331.02	1877.51	3251.94	12589.74	10650.47	14464.84	1101.58	1908.00
1.06	0.80	1.50	0.21	0.36	0.770226	11857.69	8870.97	13995.67	1916.36	3319.23	11059.27	9355.75	12706.43	967.67	1676.05
0.94	0.66	1.25	0.20	0.34	0.768377	748.53	416.49	1076.99	171.96	297.84	748.29	633.03	859.74	65.47	113.41
0.96	0.80	1.10	0.16	0.27	0.806259	12764.98	12304.65	13474.37	1928.95	3341.05	13406.05	11341.04	15402.74	1173.01	2031.71
0.96	0.78	1.16	0.16	0.29	0.8378	13793.67	12832.81	14473.48	2083.37	3608.50	14400.09	12181.97	16544.83	1259.99	2182.36
1.08	0.95	1.33	0.16	0.28	0.625188	6307.79	5897.53	6607.78	850.25	1472.68	5867.63	4963.80	6741.55	513.41	889.25
1.06	0.94	1.28	0.16	0.28	0.700274	7804.74	6945.08	8471.14	1098.90	1903.35	7373.01	6237.30	8471.14	645.13	1117.39
0.98	0.94	1.01	0.14	0.24	0.913022	3232.70	2816.54	3568.96	495.34	857.95	3295.79	2788.12	3786.66	288.38	499.48
1.03	0.83	1.33	0.18	0.31	0.849624	8863.91	8214.68	9720.77	1268.39	2196.92	8612.40	7285.79	9895.13	753.57	1305.22
1.02	0.97	1.11	0.14	0.25	0.870639	3796.10	3508.61	4134.15	546.93	947.31	3726.56	3152.54	4281.59	326.07	564.77
0.84	0.34	1.76	0.39	0.67	0.69699	5069.80	2072.84	7841.26	1399.09	2423.30	5268.46	4456.93	6053.14	460.98	798.44

0.86	0.60	1.07	0.19	0.33	0.518759	642.06	507.68	746.26	117.05	202.73	742.47	628.11	853.06	64.97	112.52
0.90	0.64	1.13	0.19	0.32	0.625721	811.88	664.27	906.23	139.04	240.82	901.64	762.75	1035.93	78.89	136.64
0.96	0.81	1.08	0.15	0.27	0.804968	782.51	691.54	890.86	123.64	214.15	817.46	691.54	939.21	71.53	123.89
0.97	0.88	1.05	0.15	0.25	0.86703	1204.09	909.42	1406.89	204.62	354.41	1224.51	1035.89	1406.89	107.14	185.58
0.94	0.80	1.02	0.15	0.26	0.693699	686.53	623.88	758.78	108.78	188.42	737.47	623.88	847.31	64.53	111.77
0.92	0.76	1.02	0.16	0.27	0.63881	604.98	573.62	665.03	96.73	167.55	661.66	559.74	760.20	57.89	100.27
1.07	0.95	1.27	0.16	0.27	0.681873	1222.51	1160.73	1267.02	166.25	287.95	1154.84	976.95	1326.84	101.05	175.02
1.09	0.92	1.40	0.18	0.30	0.625163	898.71	675.39	1282.70	177.66	307.71	798.37	675.39	917.27	69.86	120.99
0.90	0.59	1.24	0.21	0.37	0.669125	1091.29	559.44	1590.44	264.32	457.81	1118.29	946.03	1284.84	97.85	169.48
0.80	0.45	1.14	0.24	0.41	0.474976	9149.43	5742.61	11081.73	1983.05	3434.75	11025.54	9327.22	12667.68	964.72	1670.94
0.90	0.49	1.47	0.28	0.48	0.722155	817.63	478.21	1254.96	202.64	350.98	850.77	719.72	977.49	74.44	128.94
0.80	0.39	1.31	0.29	0.50	0.531504	725.61	371.38	1097.75	190.42	329.82	836.56	707.70	961.16	73.20	126.78
0.76	0.43	1.02	0.23	0.40	0.387273	2595.32	1619.56	3318.00	591.52	1024.54	3301.18	2792.68	3792.85	288.85	500.30
0.86	0.43	1.52	0.31	0.53	0.680899	3420.38	1805.77	4745.32	804.80	1393.96	3691.23	3122.65	4241.00	322.98	559.41
0.86	0.51	1.22	0.23	0.40	0.5772	2653.98	1789.12	3128.40	529.56	917.22	3028.97	2562.40	3480.10	265.03	459.04
0.83	0.54	1.05	0.20	0.35	0.466338	4094.40	3023.32	5149.24	817.72	1416.33	4859.11	4110.64	5582.82	425.16	736.41
0.97	0.86	1.07	0.15	0.26	0.872077	6750.64	5875.02	7477.22	1044.45	1809.04	6944.76	5875.02	7979.11	607.66	1052.49
0.97	0.90	1.01	0.14	0.25	0.831418	2694.16	2095.67	3209.20	455.96	789.74	2763.54	2337.86	3175.14	241.81	418.82
0.86	0.42	1.52	0.31	0.54	0.675262	495.85	259.42	689.06	117.38	203.30	536.35	453.74	616.24	46.93	81.29
0.91	0.49	1.55	0.29	0.50	0.772428	373.39	219.30	509.79	81.46	141.09	389.11	329.17	447.07	34.05	58.97
0.99	0.95	1.01	0.14	0.24	0.934426	3361.22	2737.84	3898.73	539.74	934.86	3393.33	2870.64	3898.73	296.91	514.26
0.97	0.83	1.09	0.15	0.26	0.83259	4513.40	4324.11	4730.61	676.48	1171.70	4706.62	3981.64	5407.62	411.82	713.30
0.87	0.47	1.40	0.27	0.47	0.656683	2571.53	1523.35	3347.83	557.45	965.53	2829.00	2393.23	3250.35	247.53	428.74
0.78	0.42	1.12	0.25	0.43	0.447449	3176.66	1866.97	4382.93	755.59	1308.73	3877.33	3280.08	4454.81	339.26	587.62
0.86	0.62	1.02	0.18	0.31	0.494698	1814.79	1510.46	2116.69	324.86	562.68	2105.96	1781.57	2419.62	184.27	319.16
1.06	0.68	1.74	0.27	0.46	0.826569	2450.68	1763.62	3321.56	456.98	791.52	2255.38	1907.97	2591.29	197.34	341.81
1.00	0.97	1.03	0.14	0.24	0.995425	7430.57	6461.81	8554.21	1145.90	1984.76	7445.31	6298.47	8554.21	651.45	1128.35
0.85	0.58	1.06	0.19	0.33	0.495804	4810.51	3731.91	5654.31	897.04	1553.73	5625.64	4759.09	6463.52	492.23	852.58
1.84	0.89	6.97	1.08	1.87	0.277755	153.25	39.87	377.48	79.56	137.81	47.13	39.87	54.15	4.12	7.14
0.83	0.53	1.09	0.21	0.36	0.484402	5450.75	3922.96	6490.11	1073.60	1859.54	6457.20	5462.56	7418.93	564.99	978.60
1.05	0.94	1.22	0.15	0.27	0.763549	651.84	590.75	718.20	92.89	160.90	625.10	528.81	718.20	54.69	94.73
1.06	0.94	1.26	0.16	0.27	0.714599	14444.58	13806.36	14838.67	1972.39	3416.28	13736.36	11620.47	15782.24	1201.91	2081.77
0.96	0.75	1.17	0.17	0.29	0.817517	4157.93	3656.65	5083.60	698.17	1209.26	4322.46	3656.65	4966.24	378.21	655.08
0.79	0.38	1.33	0.30	0.52	0.536792	1058.48	535.61	1394.01	257.57	446.13	1239.51	1048.58	1424.13	108.46	187.85
0.73	0.30	1.31	0.33	0.58	0.476274	392.51	163.72	530.94	106.46	184.40	480.42	406.42	551.97	42.04	72.81
0.75	0.39	1.11	0.26	0.45	0.425024	2126.50	1173.20	2964.12	527.47	913.60	2650.45	2242.19	3045.20	231.91	401.68
0.92	0.78	1.00	0.15	0.26	0.636872	1915.41	1768.80	2110.43	306.74	531.29	2090.87	1768.80	2402.28	182.95	316.87
1.03	0.94	1.16	0.15	0.26	0.858419	5331.33	5119.96	5621.76	752.85	1303.98	5225.64	4420.71	6003.95	457.24	791.96
0.93	0.74	1.10	0.16	0.29	0.707947	5533.71	5017.04	6555.58	919.80	1593.14	5930.56	5017.04	6813.85	518.91	898.79
1.48	0.83	3.88	0.60	1.04	0.346993	45.71	18.63	99.61	19.32	33.47	22.34	18.90	25.67	1.95	3.39
0.98	0.81	1.15	0.16	0.28	0.892	6551.52	5667.61	7732.34	1049.64	1818.02	6699.58	5667.61	7697.42	586.20	1015.33
1.15	0.88	1.70	0.23	0.39	0.517174	5121.34	3927.30	6358.21	802.44	1389.87	4420.18	3739.32	5078.52	386.76	669.89
1.19	0.89	1.89	0.26	0.44	0.447819	3842.04	3191.73	5073.81	628.49	1088.57	3175.55	2686.40	3648.51	277.86	481.26
1.05	1.00	1.15	0.14	0.25	0.753614	4254.09	3412.72	4694.22	650.03	1125.88	4051.86	3427.73	4655.34	354.53	614.07
1.02	0.98	1.09	0.14	0.25	0.887139	4437.47	4007.07	4917.94	650.01	1125.85	4365.15	3692.76	5015.30	381.94	661.55
0.99	0.91	1.06	0.14	0.25	0.925338	5755.55	4444.50	6661.45	953.50	1651.50	5797.91	4904.83	6661.45	507.31	878.68
0.87	0.63	1.04	0.18	0.31	0.515993	4131.92	2426.47	5404.40	901.42	1561.31	4541.75	3842.16	5218.20	397.40	688.31
1.05	0.93	1.23	0.15	0.27	0.769185	2534.00	2012.98	3353.48	448.54	776.90	2379.51	2012.98	2733.91	208.20	360.62
0.98	0.88	1.07	0.15	0.25	0.899994	4331.96	3712.06	5407.81	733.14	1269.83	4387.96	3712.06	5041.50	383.94	665.00
1.06	0.84	1.43	0.19	0.33	0.745884	2297.08	1454.28	3375.20	496.26	859.54	2051.29	1735.32	2356.81	179.48	310.88

0.91	0.58	1.30	0.22	0.39	0.706443	225.77	161.86	269.55	41.85	72.49	244.65	206.97	281.09	21.41	37.08
1.10	0.96	1.40	0.17	0.30	0.559283	3276.12	2431.92	4631.54	634.34	1098.70	2874.74	2431.92	3302.90	251.53	435.67
0.94	0.74	1.11	0.16	0.29	0.727313	6289.02	4980.54	7648.13	1094.65	1895.99	6656.69	5631.32	7648.13	582.45	1008.83
0.94	0.71	1.16	0.18	0.31	0.744833	2899.91	2139.36	4019.12	588.97	1020.12	3003.98	2541.26	3451.39	262.84	455.26
1.01	0.93	1.10	0.14	0.25	0.95637	296.81	230.90	336.26	47.88	82.94	292.67	247.59	336.26	25.61	44.35
0.70	0.26	1.35	0.36	0.63	0.473491	5154.70	1881.83	7227.95	1477.78	2559.60	6322.08	5348.26	7263.69	553.17	958.12
0.73	0.36	1.05	0.26	0.45	0.384539	10070.10	5439.60	13133.30	2499.36	4329.01	13066.71	11053.97	15012.85	1143.32	1980.28
0.69	0.31	1.08	0.29	0.50	0.381129	1709.58	803.87	2426.85	465.40	806.09	2243.62	1898.02	2577.78	196.31	340.02
0.80	0.42	1.19	0.26	0.45	0.489489	2594.52	1509.93	3141.44	587.03	1016.77	3116.31	2636.29	3580.45	272.67	472.28
0.99	0.56	1.72	0.29	0.51	0.961851	561.97	349.12	789.81	118.93	205.99	544.19	460.37	625.25	47.62	82.47
1.09	0.86	1.51	0.20	0.34	0.643557	2645.02	2091.77	3075.87	400.31	693.36	2408.66	2037.64	2767.41	210.75	365.04
1.05	0.91	1.26	0.16	0.28	0.775532	459.09	333.99	546.28	76.58	132.64	432.57	365.94	496.99	37.85	65.56
1.01	0.99	1.03	0.14	0.24	0.96748	463.54	386.22	529.11	71.99	124.69	460.52	389.58	529.11	40.29	69.79
1.01	0.63	1.62	0.26	0.45	0.982612	4670.92	3259.31	6207.17	883.31	1529.93	4523.22	3826.48	5196.90	395.77	685.50
0.91	0.66	1.14	0.18	0.32	0.653859	3078.84	2560.87	3403.39	517.21	895.83	3386.13	2864.55	3890.46	296.28	513.17
1.11	0.94	1.45	0.18	0.31	0.564901	2056.43	1877.51	2284.80	279.65	484.36	1867.99	1580.25	2146.21	163.45	283.10
0.93	0.81	1.00	0.15	0.26	0.677104	398.62	345.83	489.99	68.82	119.21	425.59	360.04	488.98	37.24	64.50
0.96	0.65	1.37	0.22	0.38	0.857181	1279.60	671.80	1930.77	311.53	539.59	1229.98	1040.52	1413.17	107.62	186.41
0.96	0.76	1.17	0.17	0.29	0.834526	1002.15	877.76	1217.99	166.64	288.63	1037.59	877.76	1192.13	90.79	157.25
1.01	0.85	1.20	0.16	0.28	0.955549	2154.21	1832.56	2454.00	330.09	571.73	2135.89	1806.88	2454.00	186.89	323.70
0.98	0.85	1.11	0.15	0.26	0.901245	2533.69	2162.43	3258.40	445.63	771.85	2556.17	2162.43	2936.88	223.66	387.39
1.04	0.91	1.25	0.16	0.28	0.785632	2720.66	2390.12	3002.75	393.55	681.65	2613.50	2210.93	3002.75	228.68	396.08
0.98	0.79	1.19	0.17	0.29	0.903578	2895.67	2334.37	3386.30	472.70	818.74	2947.32	2493.33	3386.30	257.89	446.67
1.02	0.89	1.21	0.16	0.27	0.879113	433.50	428.49	437.78	60.84	105.37	426.32	360.65	489.82	37.30	64.61
1.00	0.97	1.02	0.14	0.24	0.973882	3434.26	2915.83	4040.13	543.42	941.23	3446.75	2915.83	3960.10	301.59	522.36
1.03	0.97	1.13	0.14	0.25	0.834422	4653.53	3783.94	5826.66	769.67	1333.10	4472.93	3783.94	5139.13	391.37	677.88
0.89	0.52	1.35	0.25	0.43	0.676603	3525.20	1543.69	5483.49	948.88	1643.51	3530.43	2986.62	4056.25	308.91	535.04
1.01	0.89	1.17	0.15	0.26	0.944526	3688.50	3042.85	4817.05	650.77	1127.17	3596.90	3042.85	4132.62	314.72	545.12
0.94	0.69	1.20	0.18	0.32	0.749959	3288.74	2774.02	3558.52	533.48	924.01	3515.77	2974.22	4039.41	307.62	532.82
1.00	0.98	1.03	0.14	0.24	0.991717	3712.07	3131.20	4359.15	584.87	1013.02	3701.34	3131.20	4252.61	323.86	560.94
0.98	0.73	1.30	0.19	0.33	0.928722	6837.24	5855.15	7648.82	1061.42	1838.43	6972.23	5898.26	8010.67	610.06	1056.65
0.93	0.55	1.49	0.26	0.45	0.812349	336.44	146.84	543.79	93.01	161.09	317.07	268.23	364.30	27.74	48.05
1.03	0.90	1.21	0.16	0.27	0.858201	4261.52	4196.20	4328.96	596.08	1032.45	4174.93	3531.84	4796.74	365.30	632.72
1.00	0.83	1.21	0.16	0.28	0.979561	3989.97	2748.39	4749.16	710.02	1229.79	3892.60	3293.00	4472.36	340.60	589.93
0.98	0.93	1.02	0.14	0.24	0.918616	6734.38	5367.15	7822.70	1097.28	1900.54	6808.63	5759.85	7822.70	595.74	1031.86
1.02	0.96	1.12	0.14	0.25	0.869563	5786.56	5388.11	6514.29	848.74	1470.07	5669.83	4796.47	6514.29	496.10	859.27
1.16	1.00	1.54	0.19	0.33	0.420102	514.78	360.25	755.69	105.57	182.85	426.24	360.58	489.72	37.30	64.60
1.30	0.95	2.31	0.32	0.56	0.332904	6730.96	5017.66	9742.95	1283.81	2223.63	4992.22	4223.24	5735.76	436.81	756.58
0.88	0.50	1.35	0.25	0.44	0.662011	5845.32	3730.08	7342.26	1196.98	2073.22	6430.86	5440.28	7388.67	562.69	974.61
0.89	0.68	1.05	0.17	0.30	0.576964	1937.96	1695.11	2185.35	325.86	564.41	2174.27	1839.36	2498.11	190.25	329.51
0.88	0.49	1.38	0.26	0.46	0.663266	5739.72	3529.17	7353.85	1209.31	2094.58	6304.03	5332.98	7242.94	551.59	955.39
0.95	0.71	1.21	0.18	0.31	0.797633	8939.56	7704.86	9633.13	1414.76	2450.43	9432.62	7979.66	10837.50	825.34	1429.53
1.01	0.79	1.29	0.18	0.31	0.968603	1595.50	1028.57	1993.15	300.57	520.61	1536.00	1299.40	1764.77	134.40	232.78
0.94	0.56	1.50	0.26	0.45	0.833419	10566.60	6978.69	13796.91	2087.13	3615.02	10868.80	9194.62	12487.59	951.00	1647.18
1.05	0.93	1.25	0.16	0.27	0.752841	7167.59	6907.04	7341.99	984.63	1705.44	6872.01	5813.48	7895.53	601.29	1041.47
1.00	0.98	1.01	0.14	0.24	0.99284	10139.29	8721.69	11476.37	1555.71	2694.56	10168.00	8601.77	11682.42	889.68	1540.98
1.01	0.93	1.12	0.15	0.25	0.933919	6799.66	5632.52	8550.01	1139.73	1974.07	6658.11	5632.52	7649.76	582.57	1009.05
1.05	0.88	1.33	0.17	0.30	0.753526	11990.06	11497.14	12874.98	1661.37	2877.57	11438.84	9676.85	13142.54	1000.88	1733.58
1.13	0.94	1.52	0.19	0.33	0.510149	6792.43	6073.13	7756.27	931.79	1613.91	6042.34	5111.60	6942.28	528.70	915.73
0.82	0.52	1.07	0.21	0.36	0.46432	1826.04	1303.33	2197.04	365.19	632.52	2185.90	1849.20	2511.47	191.26	331.28

1.01	0.77	1.34	0.19	0.33	0.963806	707.81	437.96	909.42	138.29	239.53	675.44	571.40	776.04	59.10	102.36
0.99	0.67	1.42	0.22	0.38	0.948795	8254.54	6435.78	9977.41	1388.50	2404.96	8308.08	7028.34	9545.48	726.94	1259.10
0.94	0.75	1.09	0.16	0.28	0.712862	5367.56	4967.81	5803.29	841.09	1456.81	5773.86	4884.48	6633.82	505.20	875.04
0.98	0.78	1.22	0.17	0.30	0.924963	6863.86	6271.45	7261.14	1024.21	1773.98	7023.19	5941.37	8069.22	614.52	1064.38
1.03	0.66	1.64	0.26	0.44	0.91939	5097.27	3668.41	6744.74	937.87	1624.43	4853.92	4106.24	5576.85	424.71	735.62
0.96	0.73	1.21	0.18	0.31	0.831044	7474.57	6590.64	7973.78	1158.47	2006.54	7819.44	6614.97	8984.06	684.19	1185.05
0.99	0.88	1.10	0.15	0.26	0.944189	11552.80	10997.27	11835.95	1689.52	2926.33	11765.20	9952.94	13517.50	1029.44	1783.04
1.11	0.89	1.53	0.20	0.34	0.589237	8349.81	7583.19	9757.86	1185.95	2054.12	7544.74	6382.58	8668.45	660.15	1143.42
0.91	0.51	1.49	0.27	0.47	0.761044	5745.09	3531.53	7629.24	1206.76	2090.16	6043.71	5112.76	6943.86	528.82	915.93
1.01	0.93	1.12	0.15	0.25	0.930758	5485.52	5182.69	5795.66	787.40	1363.82	5450.43	4610.87	6262.22	476.90	826.02
1.01	0.98	1.05	0.14	0.24	0.954337	4375.91	3581.27	5201.27	699.77	1212.03	4323.14	3657.23	4967.03	378.27	655.18
1.01	0.99	1.03	0.14	0.24	0.965814	4432.86	3728.25	4995.43	681.57	1180.52	4407.09	3728.25	5063.48	385.61	667.90
0.95	0.80	1.06	0.15	0.27	0.746918	10200.40	9729.47	10902.37	1567.66	2715.26	10847.09	9176.26	12462.65	949.10	1643.90
0.97	0.80	1.16	0.16	0.28	0.876422	9104.01	8630.65	9467.22	1354.82	2346.62	9419.22	7968.33	10822.11	824.17	1427.50
0.82	0.53	1.02	0.20	0.35	0.434703	3338.25	2462.59	4141.11	669.92	1160.34	4032.14	3411.05	4632.68	352.81	611.08
0.99	0.74	1.30	0.19	0.33	0.950188	4190.95	3538.59	5484.46	751.72	1302.02	4182.91	3538.59	4805.91	366.00	633.93
1.18	1.00	1.64	0.20	0.35	0.38576	3336.71	2322.60	4539.01	602.04	1042.77	2745.51	2322.60	3154.42	240.23	416.09
1.10	0.96	1.38	0.17	0.30	0.576023	5570.01	4239.95	6969.62	906.69	1570.43	5011.97	4239.95	5758.45	438.54	759.57
0.90	0.72	1.02	0.16	0.28	0.58662	1945.02	1282.39	2408.95	383.72	664.63	2096.67	1773.71	2408.95	183.46	317.75
0.88	0.61	1.10	0.19	0.33	0.568084	5338.59	4247.99	6677.85	995.08	1723.52	6016.73	5089.94	6912.85	526.45	911.85
0.88	0.60	1.14	0.20	0.34	0.579845	1727.24	1338.51	1965.26	311.42	539.39	1955.30	1654.11	2246.52	171.09	296.33
1.02	0.83	1.28	0.17	0.30	0.920016	1803.81	1690.97	1927.86	258.97	448.54	1783.52	1508.79	2049.15	156.06	270.30
1.03	0.81	1.33	0.18	0.31	0.888016	2734.71	2163.38	3049.32	429.23	743.45	2654.03	2245.22	3049.32	232.22	402.22
0.90	0.68	1.08	0.17	0.30	0.60742	2102.33	1552.71	2826.15	420.76	728.78	2279.21	1928.13	2618.67	199.43	354.42
1.17	0.88	1.80	0.24	0.42	0.483654	2142.34	1258.02	3478.45	537.12	930.31	1681.99	1422.90	1932.50	147.17	254.91
0.70	0.29	1.20	0.32	0.56	0.426036	7260.77	3042.37	9414.04	1994.01	3453.73	9278.62	7849.38	10660.57	811.86	1406.19
0.68	0.24	1.33	0.37	0.65	0.454907	1980.07	680.74	2775.97	582.06	1008.16	2470.91	2090.30	2838.93	216.20	374.47
0.84	0.59	1.01	0.18	0.32	0.459619	52.39	41.96	62.81	9.81	17.00	61.93	52.39	71.16	5.42	9.39
0.90	0.57	1.26	0.22	0.38	0.666393	109.16	77.84	149.60	22.57	39.10	118.25	100.03	135.86	10.35	17.92
0.81	0.53	1.01	0.20	0.34	0.424318	5032.71	3731.91	6147.22	1004.17	1739.28	6116.05	5173.97	7026.98	535.14	926.90
1.18	0.90	1.81	0.24	0.42	0.455172	4842.98	3680.85	6194.22	775.53	1343.26	4050.58	3426.64	4653.87	354.42	613.87
1.00	0.85	1.18	0.16	0.27	0.992794	2728.13	2323.74	3131.04	422.18	731.23	2725.16	2305.39	3131.04	238.45	413.00
1.00	0.86	1.16	0.15	0.27	0.981162	5142.32	4302.01	6753.86	922.45	1597.73	5085.33	4302.01	5842.73	444.96	770.69
0.91	0.53	1.44	0.26	0.45	0.749711	3459.09	2213.45	4477.15	702.63	1216.99	3667.98	3102.98	4214.29	320.94	555.89
1.03	0.85	1.27	0.17	0.29	0.880734	2046.13	1674.97	2533.29	334.85	579.99	1979.95	1674.97	2274.84	173.24	300.06
0.96	0.86	1.05	0.15	0.25	0.822339	3135.28	2335.40	3692.50	542.42	939.50	3213.83	2718.79	3692.50	281.21	487.06
0.96	0.78	1.13	0.16	0.28	0.807883	1518.16	1011.28	1997.57	297.88	515.95	1537.81	1300.93	1766.84	134.56	233.06
1.00	0.91	1.10	0.15	0.25	0.988197	1404.75	1187.10	1553.80	215.06	372.49	1403.24	1187.10	1612.24	122.78	212.66
0.94	0.79	1.05	0.15	0.27	0.717122	586.11	529.63	663.12	93.64	162.19	626.06	529.63	719.31	54.78	94.88
0.94	0.66	1.26	0.20	0.35	0.778562	1018.20	815.24	1154.27	170.47	295.26	1079.59	913.29	1240.38	94.46	163.61
0.87	0.62	1.07	0.18	0.32	0.5368	9337.70	7562.06	11441.38	1716.95	2973.85	10650.16	9009.66	12236.39	931.87	1614.05
1.01	0.75	1.39	0.20	0.34	0.943818	7501.97	6401.43	8669.66	1152.41	1996.04	7397.13	6257.71	8498.85	647.24	1121.05
0.99	0.65	1.48	0.23	0.41	0.953438	376.81	272.72	547.09	80.17	138.86	367.17	310.62	421.86	32.13	55.65
0.97	0.91	1.01	0.14	0.25	0.867685	1561.80	1378.13	1690.71	238.90	413.78	1608.38	1360.63	1847.93	140.73	243.75
0.93	0.68	1.18	0.18	0.32	0.728271	819.07	488.35	999.92	167.87	290.76	843.34	713.44	968.95	73.79	127.81
0.99	0.88	1.12	0.15	0.26	0.970022	950.04	809.19	1078.92	147.18	254.93	956.53	809.19	1099.00	83.70	144.96
0.83	0.57	1.00	0.19	0.33	0.43881	5979.73	4660.58	7217.83	1147.81	1988.07	7164.35	6060.79	8231.40	626.87	1085.77
0.89	0.65	1.08	0.18	0.31	0.582539	5894.38	4920.87	7184.72	1053.75	1825.15	6593.11	5577.54	7575.09	576.89	999.20
0.90	0.70	1.05	0.17	0.29	0.589383	4575.98	4072.86	5348.16	777.24	1346.22	5091.13	4306.91	5849.39	445.47	771.57
1.10	0.92	1.43	0.18	0.31	0.596985	3639.47	2533.65	4657.22	634.82	1099.54	3244.32	2744.58	3727.53	283.87	491.68

0.96	0.75	1.16	0.17	0.29	0.80531	2698.52	2381.41	3278.01	450.89	780.97	2815.03	2381.41	3234.30	246.31	426.62
0.91	0.60	1.26	0.21	0.37	0.691497	2998.00	2202.87	4067.93	604.30	1046.67	3219.03	2723.18	3698.47	281.66	87.85
0.84	0.58	1.03	0.19	0.33	0.475428	6169.14	4843.00	7531.73	1170.67	2027.66	7249.34	6132.68	8329.05	634.31	1098.65
0.87	0.52	1.27	0.24	0.41	0.62247	3068.67	2057.73	3695.68	608.49	1053.93	3435.09	2905.97	3946.71	300.57	520.59
0.99	0.92	1.06	0.14	0.25	0.946857	564.92	512.28	656.60	87.76	152.01	571.48	483.45	656.60	50.00	86.61
1.06	0.88	1.33	0.17	0.30	0.752502	380.52	295.99	535.20	74.09	128.34	349.88	295.99	401.99	30.61	53.02
1.00	0.71	1.42	0.21	0.36	0.997376	3340.62	2700.44	3981.92	541.30	937.55	3322.57	2810.77	3817.43	290.72	503.54
1.20	0.76	2.29	0.34	0.59	0.526639	1718.69	1186.18	2612.66	371.77	643.92	1350.34	1142.34	1551.46	118.15	204.65
1.11	0.66	2.08	0.33	0.57	0.722093	3322.77	2145.12	4982.13	725.88	1257.27	2826.66	2391.26	3247.66	247.33	428.39
1.19	0.83	2.02	0.29	0.50	0.494429	488.11	331.61	677.42	91.17	157.91	396.27	335.23	455.29	34.67	60.06
1.05	0.90	1.28	0.16	0.28	0.775134	3619.62	2901.28	4421.71	580.06	1004.69	3429.55	2901.28	3940.34	300.08	519.75
1.12	0.98	1.42	0.17	0.30	0.509581	1271.85	1151.17	1371.13	169.59	293.73	1145.34	968.91	1315.92	100.22	173.58
1.27	0.78	2.64	0.40	0.69	0.461328	2214.51	1248.72	3560.28	540.88	936.83	1596.71	1350.76	1834.52	139.71	241.98
1.28	0.92	2.26	0.31	0.55	0.359329	6476.12	4516.52	9312.34	1239.99	2147.73	4873.62	4122.91	5599.50	426.43	738.61
1.38	0.99	2.65	0.38	0.65	0.284912	4312.16	2971.61	6616.14	920.48	1594.33	2956.55	2501.13	3396.89	258.69	448.07
1.34	0.96	2.51	0.35	0.61	0.308273	4627.19	3297.92	6959.97	950.62	1646.52	3281.20	2775.78	3769.90	287.10	497.27
1.18	0.83	1.99	0.28	0.48	0.501564	4737.74	3736.44	6554.66	850.80	1473.63	3902.25	3301.16	4483.45	341.44	591.39
1.17	0.81	1.97	0.28	0.49	0.535028	3878.80	3008.18	5383.57	705.25	1221.52	3228.19	2730.93	3708.99	282.46	489.24
1.15	0.77	1.98	0.29	0.50	0.586285	6246.21	4668.34	8789.45	1177.16	2038.91	5254.06	4444.75	6036.59	459.72	796.26
1.13	0.83	1.73	0.24	0.41	0.581429	4741.97	3971.30	6082.84	759.52	1315.53	4150.60	3511.26	4768.79	363.17	629.03
1.00	0.71	1.41	0.21	0.36	0.991876	64.51	52.44	76.66	10.40	18.01	64.10	54.23	73.65	5.61	9.71
1.13	0.96	1.50	0.19	0.32	0.487869	4945.36	3624.71	6467.71	845.77	1464.92	4284.71	3624.71	4922.87	374.90	649.35
0.99	0.84	1.15	0.16	0.27	0.941081	14083.04	13861.35	14437.97	2052.75	3555.47	14364.76	12152.08	16504.24	1256.89	2177.00
1.04	0.94	1.21	0.15	0.26	0.783138	4643.20	3207.95	6078.58	810.09	1403.12	4383.11	3707.95	5035.92	383.51	664.27
1.00	0.87	1.14	0.15	0.26	0.991059	8337.16	7346.89	9610.36	1283.27	2222.70	8364.55	7076.11	9610.36	731.88	1267.66
1.05	0.77	1.50	0.21	0.37	0.807917	5312.38	3876.42	6336.93	882.21	1528.03	4981.80	4214.43	5723.79	435.90	755.00
0.96	0.58	1.54	0.26	0.45	0.891469	513.46	295.08	662.55	107.05	185.42	507.22	429.09	582.76	44.38	76.87
1.05	0.77	1.52	0.22	0.37	0.804657	12177.16	10142.63	14830.83	1911.50	3310.81	11499.42	9728.10	13212.13	1006.18	1742.76
1.03	0.82	1.35	0.18	0.32	0.851591	7615.72	6961.55	8456.00	1099.52	1904.43	7391.93	6253.31	8492.88	646.78	1120.26
1.01	0.63	1.64	0.26	0.46	0.969407	5758.07	3995.21	7707.43	1097.11	1900.25	5543.32	4689.46	6368.94	485.03	840.10
0.95	0.78	1.10	0.16	0.28	0.774683	7435.16	7056.25	7910.08	1136.44	1968.38	7869.97	6657.72	9042.12	688.61	1192.71
1.13	0.93	1.54	0.19	0.34	0.515007	3402.43	2311.50	4530.18	616.31	1067.48	2929.33	2478.11	3365.62	256.31	443.94
0.94	0.79	1.06	0.15	0.27	0.741185	4150.64	3974.58	4443.73	639.16	1107.06	4421.20	3740.18	5079.69	386.85	670.04
1.07	0.83	1.47	0.20	0.34	0.724731	9426.69	8443.69	10972.42	1374.12	2380.04	8819.01	7460.57	10132.51	771.65	1336.54
1.04	0.89	1.26	0.16	0.28	0.810632	12118.35	11800.28	12531.26	1681.50	2912.44	11740.45	9932.00	13489.06	1027.27	1779.28
1.03	0.99	1.10	0.14	0.25	0.854122	12317.45	11199.44	13830.86	1804.44	3125.39	12037.94	10183.67	13830.86	1053.30	1824.37
1.04	0.86	1.30	0.17	0.29	0.833063	10008.08	8347.92	11094.59	1500.79	2599.45	9656.38	8168.95	11094.59	844.92	1463.44
1.08	0.95	1.31	0.16	0.28	0.646851	3645.39	2644.44	4978.98	679.64	1177.17	3295.96	2788.27	3786.86	288.39	499.51
1.07	0.98	1.26	0.15	0.27	0.644661	7311.68	5660.26	9667.00	1281.24	2219.17	6690.90	5660.26	7687.44	585.44	1014.02
1.08	0.99	1.29	0.16	0.27	0.602239	7603.22	5725.18	10188.12	1360.18	2355.90	6861.41	5804.50	7883.34	600.36	1039.86
1.08	0.92	1.37	0.17	0.30	0.655072	6411.69	6012.06	6919.89	873.88	1513.61	5981.58	5060.20	6872.47	523.38	906.52
1.03	0.80	1.39	0.19	0.33	0.859754	4731.08	2981.59	6142.38	909.17	1574.72	4412.12	3732.50	5069.26	386.05	668.66
1.09	0.99	1.31	0.16	0.28	0.578269	5849.34	5366.59	6197.16	789.22	1366.96	5393.81	4562.97	6197.16	471.95	817.44
0.83	0.42	1.36	0.28	0.49	0.588939	4546.03	2493.42	5952.32	1045.77	1811.32	5166.01	4370.26	5935.43	452.02	782.92
0.88	0.55	1.22	0.22	0.38	0.61459	10683.74	7628.97	12377.40	2023.00	3503.95	11983.78	10137.85	13768.64	1048.56	1816.16
1.26	0.99	2.03	0.27	0.47	0.325295	404.99	316.56	541.32	66.41	115.02	314.96	266.44	361.87	27.56	47.73
1.07	0.77	1.58	0.22	0.39	0.756626	1910.03	1578.01	2369.37	303.51	525.69	1773.69	1500.47	2037.86	155.19	268.80
1.06	0.94	1.26	0.16	0.27	0.707875	9363.30	8937.52	9637.87	1277.44	2212.59	8892.21	7522.49	10216.61	778.05	1347.63
1.09	0.94	1.39	0.17	0.30	0.598441	4640.41	4294.39	5006.58	626.54	1085.20	4272.61	3614.48	4908.97	373.85	647.52
0.95	0.77	1.11	0.16	0.28	0.780607	4821.32	4285.58	5676.97	784.56	1358.89	5065.91	4285.58	5820.42	443.26	767.75

0.92	0.76	1.01	0.15	0.27	0.624807	7316.76	6884.18	8069.65	1175.88	2036.69	8028.73	6792.02	9224.52	702.50	1216.77
1.04	0.99	1.16	0.15	0.25	0.767401	4998.98	3975.15	5542.61	770.61	1334.74	4768.90	4034.32	5479.17	417.27	722.73
0.95	0.83	1.02	0.15	0.25	0.744497	5964.02	5466.96	6359.31	921.33	1595.78	6327.07	5352.47	7269.41	553.61	958.88
1.00	0.72	1.38	0.20	0.35	0.997579	1719.57	1430.89	2001.07	271.28	469.88	1717.99	1453.36	1973.87	150.32	260.36
1.01	0.62	1.66	0.27	0.47	0.973283	70.14	47.93	94.71	13.58	23.53	67.42	57.04	77.46	5.90	10.22
1.10	0.62	2.15	0.35	0.60	0.760594	104.30	63.28	160.70	24.17	41.87	88.48	74.85	101.66	7.74	13.41
1.15	0.85	1.77	0.24	0.42	0.542454	597.29	501.58	772.90	96.21	166.64	514.77	435.47	591.44	45.04	78.01
0.98	0.67	1.42	0.22	0.38	0.94312	1585.48	1226.57	1924.51	268.78	465.54	1597.21	1351.18	1835.10	139.75	242.06
1.05	0.85	1.35	0.18	0.31	0.80348	4296.69	3434.77	5506.63	727.57	1260.19	4060.19	3434.77	4664.91	355.26	615.33
0.99	0.71	1.37	0.20	0.35	0.970127	7947.84	6532.61	9278.72	1270.54	2200.65	7991.47	6760.50	9181.71	699.24	1211.12
0.97	0.83	1.11	0.15	0.27	0.874837	4072.60	3964.48	4232.36	603.36	1045.05	4210.90	3562.27	4838.07	368.45	638.17
1.02	0.83	1.28	0.17	0.30	0.904826	6226.05	5847.35	6664.03	891.09	1543.41	6135.51	5190.43	7049.33	536.85	929.85
0.96	0.81	1.08	0.15	0.27	0.785752	6960.65	6673.98	7373.75	1057.03	1830.83	7336.36	6206.30	8429.03	641.92	1111.84
0.96	0.86	1.02	0.15	0.25	0.783829	2596.19	2304.62	2799.06	402.67	697.45	2724.25	2304.62	3130.00	238.37	412.86
0.95	0.82	1.05	0.15	0.26	0.768474	4304.41	3837.51	4797.74	676.10	1171.05	4536.25	3837.51	5211.87	396.91	687.48
1.06	0.67	1.78	0.28	0.48	0.825343	7080.87	4993.68	9736.47	1353.40	2344.17	6479.44	5481.38	7444.49	566.94	981.97
0.99	0.76	1.27	0.18	0.31	0.955401	6935.47	6158.67	7573.49	1045.74	1811.28	7038.37	5954.21	8086.66	615.85	1066.68
0.93	0.71	1.15	0.18	0.30	0.726873	4209.05	3667.57	4547.39	673.67	1166.82	4524.33	3827.42	5198.18	395.87	685.67
0.97	0.75	1.21	0.18	0.30	0.858061	8806.58	7861.24	9359.69	1347.87	2334.59	9152.17	7742.41	10515.28	800.80	1387.03
0.78	0.44	1.09	0.24	0.41	0.43586	5034.23	3148.50	6238.62	1113.39	1928.46	6206.99	5250.89	7131.46	543.10	940.68
0.90	0.67	1.08	0.18	0.30	0.59696	1051.78	901.15	1180.85	177.19	306.91	1174.86	993.89	1349.85	102.80	178.05
1.02	0.78	1.35	0.19	0.33	0.935834	347.46	284.96	457.09	61.81	107.06	336.85	284.96	387.02	29.47	51.05
1.13	0.77	1.90	0.28	0.48	0.616742	5533.73	4197.90	7629.91	1010.88	1750.90	4749.18	4017.64	5456.52	415.55	719.75
0.76	0.24	1.86	0.47	0.82	0.623212	4365.74	1265.33	7223.53	1383.54	2396.36	4584.99	3878.74	5267.88	401.18	694.86
1.09	0.60	2.13	0.35	0.61	0.799948	4433.64	2619.27	6860.29	1044.20	1808.60	3802.00	3216.36	4368.27	332.67	576.20
1.05	0.89	1.29	0.17	0.29	0.786068	11376.30	11008.28	11952.20	1575.69	2729.18	10952.47	9265.40	12583.72	958.32	1659.86
1.00	0.85	1.17	0.16	0.27	0.996879	7611.44	6433.18	8973.37	1203.95	2085.30	7604.55	6433.18	8737.17	665.39	1152.48
1.01	0.88	1.15	0.15	0.26	0.973734	5382.79	4527.71	6208.59	837.00	1449.72	5352.13	4527.71	6149.28	468.30	811.12
0.99	0.61	1.58	0.26	0.45	0.962764	5018.30	3454.66	6629.39	958.03	1659.35	4945.66	4183.85	5682.26	432.74	749.52
0.75	0.41	1.03	0.24	0.41	0.390883	1605.33	965.89	2123.28	377.39	653.65	2041.23	1726.81	2345.25	178.60	309.35
0.78	0.40	1.18	0.26	0.46	0.465824	5016.57	2792.77	6160.73	1175.85	2036.64	6129.49	5185.33	7042.41	536.32	928.93
1.28	0.85	2.48	0.36	0.62	0.402063	3193.93	2302.43	4919.14	695.96	1205.44	2348.23	1986.52	2697.98	205.47	355.88
1.01	0.78	1.31	0.18	0.32	0.975616	4858.79	4332.61	5369.04	723.40	1252.97	4850.00	4102.93	5572.36	424.37	735.03
1.02	0.91	1.17	0.15	0.26	0.899351	1393.69	1154.71	1601.25	215.25	372.83	1364.97	1154.71	1568.26	119.43	206.86
1.05	0.99	1.16	0.15	0.25	0.750943	3062.40	2466.61	3399.45	466.45	807.91	2915.73	2466.61	3350.00	255.12	441.88
0.97	0.83	1.11	0.15	0.27	0.861199	3285.35	3195.82	3424.24	488.46	846.04	3406.88	2882.10	3914.29	298.10	516.32
0.98	0.85	1.10	0.15	0.26	0.880673	2787.92	2675.72	2892.13	412.79	714.97	2877.46	2434.23	3306.03	251.77	436.08
0.95	0.72	1.21	0.18	0.31	0.806785	3958.92	3439.78	4248.51	622.18	1077.66	4167.24	3525.33	4787.90	364.63	631.55
0.92	0.44	1.79	0.35	0.60	0.82826	9459.74	4749.32	14198.51	2347.69	4066.31	9383.58	7938.18	10781.17	821.05	1422.10
0.87	0.49	1.37	0.26	0.45	0.659541	4092.15	2517.20	5234.14	862.17	1493.33	4502.15	3808.66	5172.70	393.93	682.31
0.99	0.71	1.38	0.20	0.35	0.979588	10828.73	8894.51	12677.47	1730.88	2997.98	10858.88	9186.23	12476.19	950.13	1645.68
0.94	0.67	1.26	0.20	0.34	0.782364	13405.96	10852.54	15092.37	2223.80	3851.73	14200.59	12013.19	16315.61	1242.53	2152.12
0.81	0.49	1.10	0.22	0.38	0.468672	7320.38	4939.98	8839.88	1516.56	2626.76	8795.06	7440.31	10104.99	769.55	1332.91
0.84	0.44	1.36	0.28	0.48	0.604395	2860.99	1624.85	3715.18	641.93	1111.85	3226.49	2729.50	3707.04	282.31	488.98
0.98	0.94	1.01	0.14	0.24	0.90508	13924.30	12099.70	16288.14	2203.59	3816.73	14176.68	11992.97	16288.14	1240.44	2148.50
1.00	0.90	1.10	0.15	0.25	0.975962	8395.28	7075.85	10579.32	1424.11	2466.63	8364.24	7075.85	9610.00	731.86	1267.61
1.02	0.62	1.72	0.28	0.48	0.941418	1013.27	453.27	1714.73	290.02	502.33	867.39	733.78	996.58	75.89	131.45
0.97	0.55	1.66	0.29	0.50	0.923545	4574.59	2865.65	6327.70	955.49	1654.96	4507.44	3813.14	5178.78	394.39	683.11
0.98	0.54	1.77	0.31	0.54	0.955294	3249.78	1922.49	4685.09	719.88	1246.87	3125.84	2644.35	3591.40	273.51	473.73
0.97	0.54	1.68	0.30	0.51	0.914928	4986.26	3036.93	6989.47	1068.27	1850.30	4907.36	4151.45	5638.26	429.39	743.72

1.05	0.75	1.55	0.22	0.39	0.827664	6453.09	5224.51	8000.69	1044.78	1809.60	6102.97	5162.90	7011.95	534.00	924.92
1.13	0.88	1.63	0.21	0.37	0.553151	124.94	77.12	193.61	28.95	50.14	103.56	87.61	118.99	9.06	15.70
1.19	0.91	1.86	0.25	0.43	0.434369	109.24	64.52	178.99	27.70	47.97	83.78	70.88	96.26	7.33	12.70
1.03	0.83	1.32	0.18	0.30	0.86614	7772.07	7245.74	8445.92	1110.58	1923.59	7585.89	6417.40	8715.73	663.75	1149.65
0.84	0.46	1.28	0.26	0.45	0.569756	3012.14	1780.47	4379.01	720.35	1247.69	3400.78	2876.94	3907.29	297.56	515.39
1.04	0.87	1.28	0.17	0.29	0.836069	13868.52	13425.76	14623.85	1942.30	3364.16	13487.23	11409.71	15496.00	1180.11	2044.01
0.94	0.74	1.13	0.17	0.29	0.748128	3097.29	2811.07	3322.72	483.42	837.31	3305.87	2796.65	3798.25	289.26	501.01
0.97	0.85	1.06	0.15	0.26	0.827262	821.34	714.68	1026.70	140.69	243.68	844.81	714.68	970.63	73.92	128.03
1.05	0.97	1.20	0.15	0.26	0.731225	1641.08	1259.42	2121.64	283.00	490.18	1534.35	1298.01	1762.88	134.25	232.53
0.84	0.54	1.08	0.20	0.35	0.48874	5326.07	3341.49	7036.73	1158.19	2006.04	6124.54	5181.14	7036.73	535.89	928.18
0.84	0.36	1.66	0.36	0.63	0.672824	4588.06	1997.98	6858.36	1217.43	2108.65	4882.96	4130.81	5610.23	427.25	740.02
1.08	0.82	1.55	0.21	0.37	0.701684	10440.94	9034.03	12610.90	1578.59	2734.20	9628.81	8145.63	11062.92	842.51	1459.26
1.03	0.92	1.19	0.15	0.26	0.857692	7793.93	6319.94	10179.74	1363.84	2362.24	7470.69	6319.94	8583.37	653.67	1132.20
0.85	0.43	1.43	0.29	0.51	0.638505	782.83	427.99	1050.09	179.84	311.49	866.00	732.61	994.98	75.77	131.24
1.00	0.84	1.19	0.16	0.28	0.996199	2406.09	1663.40	3199.97	458.67	794.44	2342.96	1982.06	2691.92	205.01	355.08
0.97	0.75	1.22	0.18	0.31	0.880638	1391.55	869.12	1928.30	291.49	504.87	1370.25	1159.18	1574.33	119.89	207.66
1.20	0.98	1.74	0.22	0.38	0.376766	5939.53	3927.51	9304.83	1368.29	2369.94	4642.64	3927.51	5334.11	406.22	703.60
0.91	0.70	1.10	0.17	0.30	0.647743	3216.39	2824.71	3550.17	525.50	910.20	3532.17	2988.09	4058.25	309.06	535.31
0.81	0.40	1.35	0.29	0.51	0.56308	443.97	233.34	584.26	105.24	182.29	511.70	432.88	587.92	44.77	77.55
1.00	0.73	1.36	0.20	0.34	0.984779	1235.14	714.45	1821.18	281.29	487.21	1163.87	984.60	1337.22	101.84	176.39
0.89	0.47	1.48	0.29	0.49	0.70895	850.46	326.58	1399.20	248.48	430.38	821.42	694.89	943.76	71.87	124.49
0.99	0.74	1.31	0.19	0.33	0.950979	1332.84	794.52	1921.11	293.83	508.93	1276.40	1079.79	1466.50	111.68	193.44
0.89	0.54	1.29	0.23	0.40	0.656326	237.59	110.55	358.96	61.37	106.30	242.02	204.74	278.07	21.18	36.68
1.04	0.94	1.21	0.15	0.26	0.783506	2897.97	2812.84	3022.05	401.67	695.72	2798.58	2367.50	3215.40	244.87	424.13
1.00	0.94	1.07	0.14	0.25	0.999716	2754.33	2333.67	2969.06	420.63	728.55	2758.59	2333.67	3169.46	241.37	418.07
0.80	0.44	1.19	0.25	0.43	0.495989	5988.46	3602.25	7189.25	1323.84	2292.96	7152.80	6051.01	8218.13	625.86	1084.02
1.07	0.73	1.67	0.25	0.42	0.783693	9139.18	7058.61	11887.77	1572.43	2723.53	8428.19	7129.95	9683.48	737.45	1277.31
0.83	0.56	1.01	0.19	0.33	0.440102	3069.67	2379.04	3718.97	591.72	1024.89	3677.45	3111.00	4225.17	321.77	557.32
1.05	0.98	1.17	0.15	0.25	0.753627	4885.22	3859.80	5460.26	755.52	1308.59	4643.94	3928.61	5335.60	406.34	703.80
0.96	0.78	1.14	0.16	0.28	0.828434	5074.82	4455.83	6033.20	826.10	1430.85	5267.16	4455.83	6051.64	460.87	798.25
0.73	0.26	1.51	0.39	0.68	0.529333	1743.07	586.88	2977.98	563.69	976.33	1967.41	1664.36	2260.44	172.15	298.16
0.57	0.18	1.02	0.36	0.62	0.334841	992.72	300.93	1469.52	322.71	558.94	1427.61	1207.71	1640.24	124.91	216.36
0.57	0.17	1.14	0.40	0.69	0.367191	1452.31	385.61	2025.52	474.46	821.79	2015.25	1704.83	2315.40	176.33	305.41
0.58	0.18	1.06	0.37	0.64	0.346963	439.42	129.83	627.03	141.70	245.43	623.85	527.75	716.76	54.59	94.55
0.59	0.19	1.09	0.37	0.64	0.355552	260.96	78.64	367.73	83.18	144.07	365.86	309.51	420.35	32.01	55.45
0.73	0.26	1.51	0.39	0.68	0.533996	295.30	103.10	438.65	85.88	148.74	342.42	289.67	393.41	29.96	51.89
0.85	0.39	1.56	0.33	0.57	0.662378	249.33	120.96	355.69	61.96	107.32	269.97	228.39	310.18	23.62	40.91
0.80	0.46	1.14	0.24	0.41	0.477736	149.99	94.02	204.66	34.07	59.01	178.81	151.27	205.45	15.65	27.10
0.99	0.69	1.39	0.21	0.36	0.958808	794.45	623.82	1097.11	154.87	268.25	783.02	662.41	899.64	68.51	118.67
0.98	0.93	1.01	0.14	0.24	0.899882	5879.70	5143.73	6452.74	900.00	1558.84	6011.98	5085.93	6907.41	526.04	911.13
0.96	0.69	1.30	0.20	0.34	0.86056	804.42	646.59	1073.04	150.96	261.47	819.92	693.62	942.04	71.74	124.26
0.73	0.25	1.52	0.40	0.69	0.530164	2754.77	934.35	4113.95	810.01	1402.98	3199.71	2706.84	3676.27	279.97	484.92
0.77	0.31	1.49	0.36	0.62	0.559963	3504.87	1419.96	5061.97	956.55	1656.79	4012.23	3394.21	4609.81	351.06	608.06
1.09	0.88	1.49	0.19	0.34	0.633065	153.47	123.12	176.65	22.88	39.63	139.81	118.28	160.64	12.23	21.19
0.89	0.63	1.12	0.19	0.33	0.603057	122.99	85.37	155.12	24.03	41.62	135.01	114.22	155.12	11.81	20.46
1.01	0.79	1.28	0.18	0.31	0.97726	236.48	181.88	334.81	47.64	82.52	227.85	192.76	261.79	19.94	34.53
0.87	0.65	1.02	0.17	0.30	0.510606	218.45	159.87	283.16	43.29	74.98	246.45	208.49	283.16	21.56	37.35
1.15	0.94	1.60	0.20	0.35	0.475187	4626.04	3805.05	5449.24	664.92	1151.67	4024.42	3404.52	4623.82	352.13	609.91
1.24	1.00	1.91	0.25	0.43	0.330425	7042.57	5633.11	9069.77	1085.73	1880.54	5604.55	4741.25	6439.29	490.39	849.38
1.10	0.84	1.60	0.22	0.37	0.62814	5825.08	5073.89	7122.94	879.41	1523.18	5251.65	4442.71	6033.83	459.51	795.90

1.08	0.85	1.49	0.20	0.34	0.671969	6325.94	5732.23	7374.92	912.34	1580.23	5840.92	4941.21	6710.86	511.07	885.20
0.90	0.65	1.13	0.19	0.32	0.631322	13914.81	11457.25	15498.43	2369.16	4103.51	15419.84	13044.64	17716.46	1349.21	2336.90
0.97	0.62	1.46	0.24	0.41	0.894913	13587.25	9872.90	17009.38	2451.93	4246.87	13809.11	11682.01	15865.83	1208.27	2092.79
0.82	0.51	1.08	0.21	0.37	0.466304	12778.48	8925.15	15395.70	2590.10	4486.18	15317.64	12958.18	17599.04	1340.27	2321.41
0.87	0.62	1.07	0.18	0.32	0.537777	7039.04	5708.64	8620.05	1292.66	2238.95	8024.49	6788.43	9219.65	702.13	1216.12
1.03	0.97	1.13	0.14	0.25	0.839024	9057.75	8450.81	10142.84	1316.54	2280.32	8828.01	7468.18	10142.84	772.44	1337.90
1.01	0.97	1.06	0.14	0.24	0.944752	14307.08	12779.76	15850.76	2122.62	3676.49	14218.26	12028.14	16335.92	1244.07	2154.80
1.00	0.82	1.22	0.17	0.29	0.991598	14473.12	13722.30	15020.50	2100.71	3638.54	14602.14	12352.89	16776.97	1277.66	2212.98
1.02	0.79	1.36	0.19	0.32	0.903746	588.34	365.23	850.75	126.83	219.68	546.26	462.12	627.62	47.80	82.79
1.05	0.80	1.44	0.20	0.34	0.821063	1021.89	619.78	1520.17	228.45	395.70	921.02	779.15	1058.20	80.59	139.58
1.11	0.73	1.85	0.27	0.47	0.693427	859.56	426.74	1459.93	240.07	415.81	688.50	582.44	791.04	60.24	104.34
1.00	0.98	1.02	0.14	0.24	0.993259	9551.90	7926.07	10975.88	1499.72	2597.60	9553.06	8081.54	10975.88	835.88	1447.78
1.15	0.73	2.09	0.32	0.55	0.617103	888.88	409.59	1590.71	270.66	468.80	662.97	560.85	761.71	58.01	100.47
1.15	0.96	1.59	0.20	0.35	0.451537	259.83	181.10	391.83	56.01	97.02	214.07	181.10	245.96	18.73	32.44
0.92	0.69	1.11	0.17	0.30	0.656627	1592.88	1378.59	1932.40	275.63	477.40	1734.90	1467.66	1993.29	151.80	262.93
1.03	0.94	1.16	0.15	0.26	0.848112	2719.40	2088.40	3055.81	435.70	754.66	2623.28	2219.21	3013.99	229.53	397.56
0.83	0.51	1.11	0.22	0.38	0.488657	2248.59	1065.28	3179.54	565.84	980.06	2488.28	2104.99	2858.88	217.72	377.10
0.75	0.36	1.18	0.28	0.49	0.451745	1138.97	390.17	1740.38	334.66	579.65	1279.83	1082.69	1470.45	111.98	193.96
0.90	0.71	1.02	0.16	0.28	0.580319	13.45	12.24	15.42	2.28	3.95	15.02	12.70	17.25	1.31	2.28
0.78	0.43	1.08	0.24	0.41	0.426983	2671.00	1648.69	3332.59	598.38	1036.43	3315.69	2804.96	3809.53	290.12	502.50
1.02	0.73	1.46	0.21	0.37	0.920263	8712.62	7119.20	10488.73	1393.71	2413.98	8486.68	7179.43	9750.68	742.57	1286.17
1.03	0.91	1.19	0.15	0.26	0.871242	6418.58	6335.71	6581.86	901.27	1561.05	6306.02	5334.67	7245.23	551.77	955.69
0.97	0.88	1.04	0.14	0.25	0.852029	7386.81	6755.16	7715.68	1113.83	1929.21	7650.60	6472.14	8790.08	669.42	1159.46
0.98	0.78	1.20	0.17	0.29	0.898163	6558.87	6043.15	6845.50	980.43	1698.15	6753.54	5713.26	7759.41	590.92	1023.51
0.89	0.65	1.07	0.18	0.31	0.572483	361.81	304.65	410.04	62.12	107.59	407.96	345.12	468.72	35.70	61.83
0.93	0.76	1.07	0.16	0.28	0.697933	8848.41	8310.37	9593.16	1388.20	2404.44	9544.51	8074.32	10966.07	835.13	1446.49
0.96	0.81	1.08	0.15	0.26	0.79629	8619.89	8268.91	9109.50	1304.95	2260.24	9063.31	7667.24	10413.19	793.03	1373.56
0.95	0.81	1.06	0.15	0.26	0.759282	8821.23	7543.65	10638.51	1476.36	2557.14	9259.42	7833.14	10638.51	810.18	1403.28
0.91	0.73	1.05	0.16	0.28	0.629394	10012.10	7963.70	12471.37	1806.83	3129.52	10854.68	9182.67	12471.37	949.77	1645.05
0.89	0.69	1.03	0.17	0.29	0.566736	7746.55	5945.65	9834.34	1459.73	2528.32	8559.50	7241.03	9834.34	748.94	1297.21
1.04	0.91	1.25	0.16	0.28	0.787575	6267.31	6078.26	6414.14	865.39	1498.90	6047.44	5115.92	6948.14	529.14	916.50
0.95	0.83	1.02	0.15	0.25	0.739407	3482.38	2561.59	4170.58	618.61	1071.47	3629.94	3070.80	4170.58	317.61	550.12
1.01	0.99	1.05	0.14	0.24	0.932229	2685.53	2244.19	3015.69	411.71	713.11	2652.82	2244.19	3047.93	232.12	402.04
1.01	1.00	1.03	0.14	0.24	0.953156	4030.10	3478.57	4597.05	614.68	1064.65	4001.13	3384.81	4597.05	350.09	606.38
0.96	0.78	1.11	0.16	0.28	0.793931	2918.19	2772.66	3090.80	443.49	768.14	3075.13	2601.45	3533.14	269.07	466.04
1.15	0.88	1.71	0.23	0.39	0.513357	1663.91	1179.45	2395.88	329.93	571.46	1394.21	1179.45	1601.86	121.99	211.30
0.86	0.57	1.12	0.20	0.35	0.539443	678.34	506.77	871.79	133.65	231.48	775.99	656.46	891.56	67.90	117.60
0.89	0.49	1.43	0.27	0.47	0.699925	9402.85	5734.34	12268.18	1989.22	3445.43	10154.28	8590.16	11666.65	888.48	1538.90
0.98	0.89	1.06	0.14	0.25	0.893295	2040.50	1870.90	2144.14	304.97	528.23	2095.79	1772.96	2407.93	183.38	317.62
1.01	0.93	1.10	0.14	0.25	0.966301	714.71	596.67	888.35	118.54	205.31	705.31	596.67	810.36	61.71	106.89
0.98	0.93	1.01	0.14	0.24	0.882813	3058.49	2653.55	3342.31	470.91	815.64	3136.72	2653.55	3603.90	274.46	475.37
1.01	0.89	1.16	0.15	0.26	0.956395	7205.89	7041.16	7340.95	1028.64	1781.66	7198.87	6089.99	8271.06	629.89	1091.00
0.96	0.73	1.22	0.18	0.31	0.84794	10343.49	9063.09	11137.89	1603.30	2776.99	10774.59	9114.92	12379.35	942.76	1632.91
1.07	0.94	1.31	0.16	0.28	0.660542	16498.61	15561.15	17142.11	2234.09	3869.56	15482.25	13097.43	17788.16	1354.67	2346.36
1.00	0.82	1.22	0.17	0.29	0.990939	9562.91	7891.23	10951.07	1499.43	2597.09	9531.46	8063.28	10951.07	833.99	1444.51
0.96	0.68	1.32	0.20	0.35	0.859566	4046.50	3256.17	4670.89	666.46	1154.34	4191.08	3545.50	4815.29	366.71	635.16
0.98	0.76	1.22	0.18	0.30	0.89257	7707.40	6917.35	8220.43	1167.95	2022.95	7943.93	6720.28	9127.09	695.08	1203.92
0.87	0.55	1.19	0.22	0.38	0.58443	5777.31	4130.16	6610.10	1101.87	1908.50	6558.26	5548.05	7535.04	573.84	993.92
0.93	0.51	1.59	0.29	0.50	0.815465	4171.01	2488.22	5731.33	900.74	1560.12	4271.71	3613.71	4907.94	373.77	647.38
0.88	0.62	1.08	0.18	0.32	0.549536	6658.29	5391.51	8192.49	1223.45	2119.08	7554.55	6390.88	8679.71	661.01	1144.90

0.93	0.53	1.52	0.27	0.47	0.813502	7396.78	4688.62	9827.62	1515.23	2624.45	7635.17	6459.09	8772.35	668.07	1157.12
1.02	0.59	1.79	0.30	0.52	0.952475	3897.64	2480.94	5532.69	816.46	1414.16	3660.65	3096.78	4205.86	320.30	554.78
0.83	0.53	1.07	0.21	0.36	0.473323	1081.62	781.04	1294.12	213.69	370.12	1287.56	1089.23	1479.33	112.66	195.13
1.01	0.95	1.07	0.14	0.25	0.96735	6767.10	6141.30	7365.48	996.08	1725.27	6760.07	5718.78	7766.91	591.50	1024.50
0.78	0.39	1.21	0.27	0.47	0.484667	3500.20	1901.52	4346.63	827.04	1432.48	4230.91	3579.20	4861.06	370.20	641.20
1.29	0.93	2.32	0.33	0.56	0.346838	1952.82	1457.81	2852.51	379.89	657.99	1450.41	1227.00	1666.44	126.91	219.81
0.85	0.44	1.40	0.28	0.49	0.624174	1876.55	1025.18	2874.11	479.81	831.06	2045.43	1730.36	2350.07	178.97	309.99
0.71	0.32	1.12	0.29	0.51	0.404371	2478.42	1153.88	3591.90	677.38	1173.25	3179.17	2689.46	3652.67	278.17	481.81
0.82	0.46	1.22	0.25	0.43	0.532345	8528.47	5270.09	10288.39	1831.55	3172.33	9976.08	8439.41	11461.91	872.89	1511.89
1.00	0.62	1.63	0.26	0.46	0.99667	1119.91	529.89	1662.38	273.36	473.48	1016.13	859.61	1167.47	88.91	154.00
0.97	0.63	1.43	0.23	0.40	0.895162	1624.91	837.05	2245.59	368.31	637.93	1559.78	1319.52	1792.09	136.48	236.39
0.94	0.70	1.18	0.18	0.31	0.748049	1519.15	918.58	1849.45	307.54	532.68	1557.47	1317.56	1789.43	136.28	236.04
0.81	0.44	1.21	0.25	0.44	0.516474	543.38	223.11	724.14	141.70	245.43	594.36	502.81	682.89	52.01	90.08
0.98	0.80	1.17	0.16	0.28	0.900274	2811.74	2668.68	2908.62	415.97	720.48	2893.87	2448.11	3324.88	253.21	438.57
1.02	0.84	1.26	0.17	0.29	0.914923	2739.16	2599.31	2897.01	390.95	677.15	2707.38	2290.35	3110.61	236.89	410.31
0.86	0.62	1.04	0.18	0.31	0.511123	1962.11	1135.44	2579.86	432.78	749.60	2160.01	1827.29	2481.72	189.00	327.35
1.22	0.80	2.28	0.34	0.58	0.479754	216.68	102.61	395.79	67.63	117.13	150.89	127.65	173.36	13.20	22.87
0.98	0.89	1.05	0.14	0.25	0.895651	5121.84	4689.37	5391.71	765.64	1326.12	5257.65	4447.79	6040.72	460.04	796.81
0.96	0.70	1.28	0.19	0.33	0.853256	1841.92	1532.11	2070.12	295.64	512.06	1913.78	1618.99	2198.82	167.45	290.04
0.89	0.59	1.19	0.21	0.36	0.625291	3677.91	2749.74	4853.38	725.66	1256.88	4055.27	3430.62	4659.26	354.83	614.58
0.83	0.55	1.04	0.20	0.34	0.456171	5696.05	4259.94	7084.80	1127.14	1952.27	6789.19	5743.42	7800.37	594.04	1028.91
0.81	0.41	1.27	0.27	0.47	0.530245	2837.67	1578.56	3583.85	653.07	1131.16	3333.60	2820.11	3830.11	291.69	505.21
0.99	0.71	1.38	0.21	0.36	0.973975	4561.21	3720.92	5361.31	733.95	1271.24	4578.07	3872.89	5259.93	400.57	693.81
0.95	0.64	1.33	0.21	0.37	0.825931	7391.94	5717.97	8700.76	1264.55	2190.26	7717.75	6528.94	8867.23	675.29	1169.64
0.95	0.70	1.23	0.19	0.32	0.806843	7881.39	6651.75	8654.91	1262.15	2186.11	8295.24	7017.48	9530.73	725.82	1257.16
0.98	0.80	1.18	0.16	0.28	0.921042	25.62	24.20	26.39	3.80	6.57	26.25	22.21	30.16	2.30	3.98
1.00	1.00	1.00	0.14	0.24	0.993503	4450.21	3753.52	5118.07	693.80	1201.70	4454.60	3768.43	5118.07	389.77	675.10
1.40	0.69	4.00	0.64	1.11	0.446908	31.33	14.40	61.36	10.96	18.99	18.12	15.33	20.82	1.59	2.75
1.00	0.79	1.28	0.18	0.31	0.990337	4701.91	4271.84	5093.97	693.37	1200.95	4715.88	3989.47	5418.26	412.63	714.70
0.96	0.89	1.01	0.14	0.25	0.812326	2708.02	2092.58	3203.79	459.80	796.40	2788.48	2358.96	3203.79	243.99	422.60
0.93	0.68	1.17	0.18	0.32	0.713489	5291.55	4423.66	6663.33	944.62	1636.13	5659.40	4787.65	6502.31	495.19	857.69
0.95	0.85	1.01	0.14	0.25	0.750239	11425.08	10277.37	12147.80	1772.00	3069.20	12086.21	10224.50	13886.32	1057.52	1831.69
0.97	0.81	1.13	0.16	0.27	0.866827	8995.02	8671.34	9370.37	1337.47	2316.56	9322.86	7886.80	10711.39	815.73	1412.89
0.97	0.88	1.03	0.14	0.25	0.836553	8515.43	7467.90	9153.56	1313.25	2274.62	8827.68	7467.90	10142.47	772.41	1337.85
0.96	0.80	1.12	0.16	0.27	0.832047	5637.60	5417.31	5917.96	846.26	1465.76	5887.95	4981.00	6764.90	515.19	892.33
1.10	0.81	1.62	0.22	0.39	0.670558	4514.22	3803.65	5625.11	706.45	1223.61	4093.02	3462.55	4702.64	358.13	620.30
0.98	0.90	1.05	0.14	0.25	0.901466	5501.93	4757.58	5913.90	844.35	1462.46	5623.85	4757.58	6461.46	492.08	852.30
0.91	0.60	1.27	0.21	0.37	0.709404	1739.72	897.54	2555.70	421.24	729.61	1756.96	1486.32	2018.64	153.73	266.27
0.97	0.78	1.17	0.17	0.29	0.859396	7023.93	6517.96	7334.00	1056.26	1829.49	7296.81	6172.84	8383.59	638.46	1105.84
0.98	0.79	1.21	0.17	0.29	0.931521	8673.17	8051.97	9058.49	1283.54	2223.16	8863.87	7498.52	10184.05	775.57	1343.33
0.90	0.65	1.13	0.19	0.32	0.630119	11480.95	9448.81	12792.81	1956.11	3388.08	12727.94	10767.39	14623.63	1113.67	1928.94
1.01	0.96	1.07	0.14	0.25	0.936145	3255.72	2709.50	3953.71	525.42	910.05	3202.85	2709.50	3679.88	280.24	485.40
0.90	0.65	1.11	0.18	0.31	0.614807	1629.79	1364.19	1822.84	276.29	478.54	1813.60	1534.24	2083.71	158.69	274.85
1.07	0.93	1.32	0.16	0.28	0.67557	9545.72	9025.31	9999.31	1296.30	2245.26	8979.55	7596.38	10316.95	785.70	1360.87
0.84	0.50	1.19	0.23	0.40	0.540821	825.45	549.99	963.27	167.82	290.67	958.22	810.62	1100.93	83.84	145.22
0.98	0.71	1.35	0.20	0.35	0.935575	1275.51	1031.32	1719.67	240.05	415.78	1271.37	1075.53	1460.72	111.24	192.68
1.02	0.67	1.61	0.25	0.43	0.926122	7028.87	5148.96	9170.60	1266.73	2194.04	6732.72	5695.64	7735.48	589.10	1020.35
0.84	0.31	1.93	0.44	0.76	0.712084	2480.20	875.22	4059.81	740.99	1283.43	2492.86	2108.87	2864.15	218.12	377.80
0.94	0.68	1.23	0.19	0.33	0.773249	10799.63	8980.60	11888.20	1759.56	3047.65	11471.61	9704.57	13180.18	1003.75	1738.54
0.94	0.82	1.00	0.15	0.26	0.690201	6203.37	4505.53	7507.46	1124.03	1946.87	6534.26	5527.75	7507.46	571.74	990.28

0.94	0.81	1.02	0.15	0.26	0.713737	5439.70	3915.94	6684.30	993.81	1721.34	5689.87	4813.43	6537.32	497.85	862.31
0.96	0.89	1.00	0.14	0.25	0.815547	6330.06	4927.09	7514.05	1071.69	1856.23	6515.82	5512.15	7486.28	570.12	987.48
0.99	0.94	1.04	0.14	0.24	0.962343	6617.72	5295.31	7895.80	1084.33	1878.11	6628.26	5607.27	7615.47	579.96	1004.52
1.00	0.92	1.10	0.14	0.25	0.97419	707.85	658.18	752.94	102.95	178.31	708.84	599.65	814.41	62.02	107.43
0.96	0.85	1.06	0.15	0.26	0.823431	8805.86	6490.68	10360.49	1533.12	2655.45	9017.44	7628.44	10360.49	789.01	1366.61
1.03	0.96	1.13	0.14	0.25	0.857361	7429.51	6943.73	8030.08	1062.20	1839.78	7277.63	6156.62	8361.56	636.78	1102.94
0.99	0.91	1.05	0.14	0.25	0.926726	2884.59	2612.98	3364.79	451.07	781.28	2928.61	2477.50	3364.79	256.25	443.84
0.95	0.58	1.46	0.25	0.43	0.835486	5030.01	3467.54	6404.12	955.05	1654.19	5191.91	4392.17	5965.19	454.28	786.84
0.96	0.79	1.14	0.16	0.28	0.829028	5856.22	5528.33	6155.00	882.81	1529.07	6123.79	5180.51	7035.87	535.82	928.07
0.96	0.64	1.39	0.22	0.38	0.874902	2678.10	2027.66	3242.60	465.06	805.50	2750.04	2326.44	3159.63	240.62	416.77
0.87	0.62	1.08	0.19	0.32	0.544528	8012.48	6483.83	9202.19	1423.90	2466.26	9155.53	7745.25	10519.14	801.09	1387.54
1.01	0.90	1.14	0.15	0.26	0.948875	2067.83	1712.44	2654.72	356.44	617.38	2024.25	1712.44	2325.74	177.12	306.78
0.87	0.61	1.07	0.19	0.32	0.533654	5163.75	4161.30	6339.60	953.61	1651.70	5899.01	4990.35	6777.60	516.15	894.00
0.85	0.61	1.02	0.18	0.31	0.479748	201.99	164.18	242.01	37.25	64.52	236.15	199.77	271.32	20.66	35.79
0.78	0.36	1.33	0.31	0.53	0.525389	294.87	94.41	476.91	90.08	156.03	311.69	263.68	358.11	27.27	47.24
0.85	0.54	1.12	0.21	0.36	0.51619	65.16	39.80	93.79	15.23	26.37	73.17	61.90	84.07	6.40	11.09
0.94	0.74	1.12	0.17	0.29	0.732845	2841.10	2204.57	3809.45	547.78	948.78	2966.16	2509.26	3407.93	259.53	449.53
0.87	0.64	1.03	0.18	0.30	0.519317	2780.86	2006.03	3697.82	565.43	979.35	3119.21	2638.74	3583.78	272.93	472.72
0.87	0.65	1.01	0.17	0.30	0.506954	2037.39	1492.52	2643.93	404.28	700.23	2301.19	1946.73	2643.93	201.35	348.75
0.90	0.70	1.03	0.16	0.28	0.571852	2762.59	2136.36	3582.08	528.59	915.55	3037.16	2569.33	3489.51	265.75	460.29
1.21	0.99	1.76	0.22	0.39	0.359551	832.87	545.83	1307.75	192.53	333.47	645.21	545.83	741.31	56.46	97.78
0.92	0.68	1.16	0.18	0.32	0.693643	121.92	88.57	149.64	22.46	38.91	130.24	110.18	149.64	11.40	19.74
0.89	0.56	1.26	0.22	0.39	0.658563	385.14	234.39	477.00	79.95	138.48	415.16	351.21	477.00	36.33	62.92
0.83	0.52	1.10	0.21	0.37	0.48938	12063.83	8550.76	14352.33	2395.40	4148.95	14279.56	12080.00	16406.35	1249.44	2164.09
1.10	0.82	1.63	0.22	0.39	0.650314	4066.93	3451.81	5061.53	632.28	1095.14	3668.75	3103.63	4215.17	321.01	556.01
0.99	0.72	1.35	0.20	0.34	0.960549	6389.24	5328.49	7357.09	1009.30	1748.15	6449.27	5455.85	7409.82	564.30	977.40
0.99	0.94	1.03	0.14	0.24	0.937244	3398.85	2995.43	3954.75	531.30	920.23	3442.09	2911.89	3954.75	301.18	521.65
1.27	0.87	2.37	0.34	0.59	0.393376	582.56	289.03	1065.56	180.90	313.32	391.11	330.87	449.36	34.22	59.27
0.96	0.86	1.03	0.15	0.25	0.806727	1393.93	1220.25	1715.15	235.06	407.14	1442.44	1220.25	1657.28	126.21	218.60
1.10	0.95	1.40	0.17	0.30	0.564799	12900.44	11831.16	13989.28	1735.76	3006.42	11771.18	9958.00	13524.37	1029.96	1783.94
1.06	0.91	1.31	0.17	0.29	0.716862	15518.94	14797.59	16326.20	2123.14	3677.38	14722.56	12454.76	16915.33	1288.20	2231.23
1.26	0.83	2.42	0.36	0.62	0.432232	2203.76	1571.46	3381.78	478.68	829.11	1649.63	1395.53	1895.32	144.34	250.00
1.07	0.84	1.46	0.19	0.34	0.71594	2263.59	2051.06	2611.88	326.47	565.47	2117.04	1790.94	2432.35	185.24	320.84
0.82	0.44	1.26	0.26	0.45	0.54643	10251.21	6041.67	12730.98	2264.74	3922.64	11920.22	10084.09	13695.61	1043.00	1806.53
1.07	0.96	1.26	0.16	0.27	0.679577	1018.05	928.17	1103.04	141.52	245.12	960.05	812.17	1103.04	84.00	145.50
1.09	0.93	1.42	0.18	0.31	0.601089	960.59	817.62	1054.10	135.49	234.68	879.11	743.69	1010.04	76.92	133.23
0.95	0.85	1.01	0.15	0.25	0.747515	2520.81	1891.03	3032.67	443.01	767.32	2625.36	2220.96	3016.38	229.71	397.88
0.96	0.81	1.11	0.16	0.27	0.824121	4080.02	3588.63	4714.95	649.24	1124.51	4242.05	3588.63	4873.86	371.17	642.89
1.05	0.96	1.20	0.15	0.26	0.76086	4204.12	4063.37	4443.49	582.86	1009.54	4042.77	3420.04	4644.89	353.74	612.69
0.81	0.51	1.05	0.21	0.36	0.446197	5635.22	4022.15	6841.41	1137.71	1970.58	6806.72	5758.25	7820.51	595.58	1031.57
0.99	0.83	1.17	0.16	0.27	0.951655	4798.05	4094.73	5673.89	764.35	1323.90	4840.31	4094.73	5561.22	423.52	733.56
0.96	0.70	1.28	0.19	0.33	0.858045	7602.41	4418.53	10908.09	1698.09	2941.17	7442.70	6296.26	8551.20	651.22	1127.95
1.07	0.88	1.40	0.18	0.31	0.687222	6989.43	6574.93	7746.74	970.79	1681.46	6541.59	5533.96	7515.89	572.38	991.39
0.92	0.64	1.23	0.20	0.35	0.722026	13437.50	10629.57	15115.70	2295.94	3976.68	14493.38	12260.88	16652.01	1268.15	2196.50
0.95	0.72	1.21	0.18	0.31	0.811694	7135.36	6174.26	7692.30	1123.00	1945.10	7501.30	6345.84	8618.54	656.35	1136.84
1.00	0.79	1.27	0.18	0.30	0.992119	9024.74	8234.87	9735.62	1327.99	2300.15	9057.57	7662.39	10406.60	792.52	1372.69
0.98	0.80	1.16	0.16	0.28	0.890175	7385.20	7040.67	7656.19	1094.01	1894.88	7617.37	6444.02	8751.90	666.51	1154.43
1.05	0.87	1.18	0.15	0.26	0.76476	7597.05	7319.09	8122.35	1059.39	1834.92	7312.45	6186.07	8401.56	639.83	1108.21
1.02	1.00	1.06	0.14	0.24	0.896508	8344.84	6924.75	9399.85	1278.67	2214.72	8185.63	6924.75	9404.79	716.23	1240.55
1.00	0.95	1.05	0.14	0.24	0.995871	6474.00	5454.61	7791.19	1041.30	1803.59	6447.80	5454.61	7408.13	564.17	977.17

0.98	0.87	1.06	0.15	0.25	0.874814	6713.55	5784.47	8362.15	1136.97	1969.28	6837.73	5784.47	7856.13	598.29	1036.27
1.03	0.83	1.30	0.17	0.30	0.875286	3564.72	2351.93	4991.22	722.55	1251.50	3334.01	2820.46	3830.58	291.72	505.28
0.95	0.62	1.35	0.22	0.38	0.814491	5162.68	2645.04	7803.90	1273.64	2206.01	5013.55	4241.28	5760.26	438.68	759.81
0.91	0.58	1.28	0.22	0.38	0.693336	6217.43	3082.90	9251.90	1546.17	2678.05	6285.47	5317.29	7221.63	549.97	952.57
0.89	0.63	1.13	0.19	0.33	0.605883	10003.27	8063.26	11249.25	1741.10	3015.67	11192.21	9468.21	12859.17	979.30	1696.20
0.97	0.70	1.31	0.20	0.34	0.888651	5543.02	3159.74	8083.66	1263.88	2189.10	5358.34	4532.97	6156.41	468.85	812.07
1.03	0.80	1.36	0.18	0.32	0.876238	3593.36	2262.38	5177.51	766.01	1326.76	3323.26	2811.36	3818.23	290.78	503.65
0.99	0.87	1.12	0.15	0.26	0.964755	2959.14	2492.72	3803.25	515.77	893.34	2946.60	2492.72	3385.46	257.82	446.56
1.06	0.89	1.35	0.17	0.30	0.721848	5609.24	3814.67	7905.37	1119.84	1939.61	5081.76	4298.99	5838.63	444.65	770.15
1.06	0.93	1.29	0.16	0.28	0.711568	4405.65	3432.54	5996.36	810.24	1403.37	4057.55	3432.54	4661.88	355.03	614.93
0.93	0.72	1.12	0.17	0.29	0.715147	3271.09	2516.85	3990.87	579.76	1004.18	3473.52	2938.48	3990.87	303.93	526.42
1.02	0.89	1.19	0.16	0.27	0.906192	544.13	477.43	615.04	81.37	140.93	535.31	452.85	615.04	46.84	81.13
0.88	0.66	1.05	0.17	0.30	0.556621	2640.60	2256.63	3004.07	452.83	784.33	2988.84	2528.45	3433.99	261.52	452.96
0.94	0.59	1.40	0.23	0.41	0.808984	5637.73	4013.55	6979.90	1040.31	1801.87	5889.71	4982.48	6766.91	515.34	892.59
0.88	0.59	1.15	0.20	0.35	0.584103	936.93	711.64	1210.45	181.96	315.16	1050.54	888.72	1207.01	91.92	159.21
0.94	0.79	1.05	0.15	0.27	0.708821	11807.74	11221.08	12737.45	1837.84	3183.23	12672.87	10720.80	14560.36	1108.86	1920.59
1.21	0.80	2.22	0.32	0.56	0.493823	6050.56	4394.48	8959.19	1236.07	2140.94	4773.67	4038.35	5484.65	417.69	723.46
0.99	0.78	1.23	0.17	0.30	0.94533	5317.38	4877.80	5630.93	788.86	1366.35	5415.81	4581.58	6222.44	473.87	820.78
0.94	0.70	1.17	0.18	0.31	0.740202	4613.31	3972.43	4968.08	740.65	1282.84	4942.89	4181.51	5679.08	432.49	749.10
0.99	0.90	1.08	0.15	0.25	0.954803	4450.17	4138.86	4670.39	654.29	1133.27	4518.22	3822.25	5191.16	395.34	684.74
0.96	0.82	1.07	0.15	0.26	0.78265	3464.00	3290.86	3670.15	526.67	912.22	3651.54	3089.07	4195.39	319.50	553.40
1.02	0.89	1.20	0.16	0.27	0.888915	3062.01	2527.16	3594.73	478.57	828.91	2987.31	2527.16	3432.24	261.38	452.73
1.10	0.94	1.40	0.17	0.30	0.583086	10663.64	9243.62	11547.28	1479.93	2563.32	9748.14	8246.58	11200.02	852.95	1477.35
1.02	0.76	1.37	0.19	0.34	0.939398	351.04	303.37	401.77	53.32	92.36	346.22	292.89	397.79	30.29	52.47
0.99	0.94	1.04	0.14	0.24	0.970471	11213.32	9948.40	12973.20	1733.65	3002.76	11291.46	9552.17	12973.20	987.98	1711.24
1.07	0.98	1.24	0.15	0.26	0.678116	10512.03	9987.04	11154.13	1437.70	2490.17	9936.40	8405.84	11416.32	869.42	1505.88
1.01	0.88	1.16	0.15	0.26	0.967453	11382.70	11161.36	11532.09	1627.44	2818.81	11396.56	9641.09	13093.96	997.18	1727.17
0.93	0.79	1.01	0.15	0.26	0.66248	3136.34	2874.32	3446.54	498.78	863.91	3397.68	2874.32	3903.73	297.29	514.92
1.07	0.99	1.22	0.15	0.26	0.667728	2900.32	2290.18	3319.86	444.76	770.34	2707.18	2290.18	3110.39	236.87	410.28
0.95	0.55	1.58	0.28	0.48	0.864645	4213.89	2675.29	5683.36	864.30	1497.02	4261.31	3604.91	4895.98	372.86	645.81
0.87	0.62	1.08	0.19	0.32	0.551571	2416.89	1953.47	2769.01	428.56	742.28	2754.97	2330.60	3165.29	241.06	417.52
0.88	0.66	1.04	0.17	0.30	0.545419	5014.10	4328.67	5911.11	874.96	1515.48	5677.00	4802.54	6522.53	496.73	860.36
0.81	0.53	1.02	0.20	0.35	0.431719	3985.05	2940.44	4935.83	799.95	1385.56	4821.56	4078.87	5539.68	421.88	730.72
0.92	0.75	1.04	0.16	0.27	0.651122	2486.93	2341.88	2727.82	396.48	686.72	2713.99	2295.94	3118.21	237.47	411.31
1.02	0.99	1.07	0.14	0.24	0.888363	3242.72	2687.06	3617.90	495.40	858.05	3176.32	2687.06	3649.40	277.92	481.38
1.00	0.96	1.04	0.14	0.24	0.996995	1338.59	1081.82	1594.04	216.99	375.84	1333.10	1127.76	1531.66	116.64	202.03
0.96	0.85	1.03	0.15	0.25	0.786998	4918.47	3654.72	5834.22	858.85	1487.56	5077.92	4295.74	5834.22	444.31	769.57
1.03	0.96	1.14	0.15	0.25	0.851171	10937.44	10292.55	11762.25	1557.06	2696.90	10702.99	9054.35	12297.08	936.49	1622.05
0.96	0.77	1.16	0.17	0.29	0.83802	5196.54	3413.02	6936.19	1034.62	1792.02	5213.83	4410.71	5990.37	456.20	790.16
1.00	0.80	1.23	0.17	0.29	0.977932	4274.77	3989.74	4488.55	625.58	1083.54	4323.98	3657.93	4967.99	378.34	655.31
1.22	0.86	2.13	0.30	0.52	0.439527	4970.10	3889.23	7069.64	930.37	1611.45	3931.39	3325.82	4516.93	343.99	595.81
1.13	0.90	1.63	0.21	0.37	0.527368	4973.84	4391.86	6032.67	727.34	1259.78	4369.59	3696.52	5020.40	382.33	662.22
0.85	0.58	1.07	0.19	0.33	0.506912	4739.12	3163.79	6190.74	987.07	1709.65	5388.22	4558.25	6190.74	471.46	816.59
0.90	0.67	1.10	0.18	0.31	0.625863	2680.81	1939.67	3662.30	547.87	948.95	2884.84	2440.47	3314.51	252.42	437.20
1.00	0.89	1.11	0.15	0.26	0.982229	3496.44	2628.07	3993.25	583.65	1010.92	3475.60	2940.23	3993.25	304.11	526.73
1.05	0.99	1.16	0.15	0.25	0.739762	2978.20	2393.10	3309.98	453.70	785.83	2828.85	2393.10	3250.17	247.52	428.72
0.93	0.73	1.09	0.17	0.29	0.680124	4607.27	4175.85	5029.83	734.75	1272.62	5004.33	4233.48	5749.67	437.87	758.41
1.01	0.80	1.30	0.18	0.31	0.941613	8186.51	7456.38	8943.65	1197.06	2073.36	8118.13	6867.65	9327.23	710.32	1230.32
1.09	0.90	1.45	0.19	0.32	0.620777	3124.99	2580.17	3512.98	453.11	784.81	2856.38	2416.40	3281.81	249.93	432.89
1.19	0.97	1.74	0.22	0.39	0.396486	3718.71	3012.51	4577.72	548.59	950.19	3103.65	2625.58	3565.90	271.56	470.36

1.17	0.86	1.87	0.26	0.44	0.501165	4015.28	2891.92	5297.17	688.05	1191.74	3356.79	2839.72	3856.75	293.71	508.73
2.04	0.88	9.75	1.50	2.60	0.274983	2060.67	529.77	4961.19	1029.60	1783.32	601.46	508.82	691.05	52.63	91.15
2.00	0.86	9.27	1.43	2.48	0.281093	2193.46	578.55	5234.88	1080.20	1870.95	667.53	564.71	766.95	58.41	101.17
1.11	0.61	2.22	0.36	0.63	0.759354	571.16	335.46	897.01	137.17	237.58	478.58	404.87	549.86	41.88	72.53
1.01	0.87	1.19	0.16	0.27	0.936072	1507.11	1237.29	2000.09	272.00	471.12	1462.58	1237.29	1680.41	127.97	221.66
1.14	0.85	1.77	0.24	0.42	0.548911	1113.25	758.08	1820.28	280.75	486.28	896.12	758.08	1029.58	78.41	135.81
0.97	0.62	1.50	0.24	0.42	0.920436	1706.98	992.47	2771.73	446.73	773.75	1603.76	1356.72	1842.62	140.33	243.05
1.09	0.71	1.82	0.27	0.47	0.735412	1505.56	887.38	2582.98	421.04	729.27	1236.82	1046.30	1421.03	108.22	187.44
1.16	0.76	2.06	0.30	0.53	0.577114	3031.15	1756.02	5403.64	900.67	1560.00	2285.90	1933.79	2626.36	200.01	346.43
1.11	0.68	2.02	0.31	0.54	0.711488	2592.66	1380.98	4688.87	797.91	1382.02	2019.14	1708.12	2319.87	176.67	306.00
0.97	0.52	1.74	0.31	0.54	0.921382	1810.62	848.07	3220.25	558.84	967.94	1611.80	1363.52	1851.86	141.03	244.27
0.80	0.42	1.23	0.26	0.46	0.50904	2029.10	1143.32	2932.81	498.44	863.33	2377.38	2011.18	2731.46	208.02	360.30
0.97	0.87	1.06	0.15	0.25	0.862082	767.85	574.68	945.81	134.60	233.13	779.10	659.09	895.14	68.17	118.07
1.04	0.98	1.15	0.15	0.25	0.77725	1095.16	864.90	1375.76	182.14	315.47	1039.52	879.40	1194.35	90.96	157.54
1.00	0.96	1.03	0.14	0.24	0.978521	2564.87	2087.70	2951.35	407.85	706.42	2568.76	2173.08	2951.35	224.76	389.30
1.03	0.86	1.27	0.17	0.29	0.865713	6310.29	6103.58	6618.81	888.00	1538.07	6177.00	5225.52	7097.00	540.48	936.13
0.83	0.29	1.93	0.45	0.77	0.697182	2446.60	827.45	4029.85	742.68	1286.36	2469.92	2089.46	2837.78	216.11	374.32
0.93	0.74	1.08	0.16	0.28	0.69357	793.52	722.29	928.24	130.77	226.50	853.81	722.29	980.97	74.71	129.40
0.86	0.64	1.00	0.17	0.30	0.492356	1061.48	642.62	1356.55	226.81	392.85	1179.25	997.61	1354.89	103.18	178.72
0.98	0.74	1.26	0.18	0.31	0.905759	1886.18	1156.25	2654.07	403.04	698.09	1838.85	1555.60	2112.73	160.90	278.68
1.02	0.81	1.32	0.18	0.31	0.902057	1748.17	1118.75	2482.98	365.08	632.33	1634.44	1382.68	1877.88	143.01	247.70
1.04	0.88	1.29	0.17	0.29	0.805109	2144.91	1494.54	2622.40	373.54	646.98	2017.34	1706.60	2317.80	176.51	305.73
1.07	0.96	1.27	0.16	0.27	0.666369	2456.58	1849.94	2907.19	393.46	681.48	2273.94	1923.67	2612.61	198.97	344.62
1.07	0.96	1.29	0.16	0.28	0.654723	4675.88	3658.83	5613.57	735.21	1273.42	4325.04	3658.83	4969.20	378.43	655.47
1.00	0.97	1.02	0.14	0.24	0.973182	5636.01	4898.21	6302.89	859.48	1488.65	5678.01	4803.39	6523.68	496.82	860.51
1.11	0.97	1.41	0.17	0.30	0.535843	5853.58	5333.17	6320.61	783.42	1356.92	5306.12	4488.79	6096.41	464.28	804.15
0.97	0.47	1.98	0.37	0.64	0.940368	1842.88	920.00	2879.32	470.95	815.70	1720.56	1455.53	1976.82	150.55	260.75
1.03	0.95	1.16	0.15	0.26	0.828257	8176.49	7805.02	8716.04	1153.09	1997.20	7967.80	6740.47	9154.52	697.17	1207.53
1.01	0.96	1.07	0.14	0.25	0.938583	3580.44	2866.76	4339.38	585.05	1013.33	3517.26	2975.47	4041.11	307.75	533.05
1.05	1.00	1.17	0.15	0.25	0.727348	3347.44	2649.27	4231.92	556.71	964.26	3145.10	2660.64	3613.53	275.19	476.64
1.06	0.77	1.56	0.22	0.38	0.76973	1912.30	1305.73	3010.61	456.84	791.26	1679.22	1420.56	1929.32	146.93	254.49
0.95	0.63	1.37	0.22	0.38	0.830082	2574.68	1591.52	3989.39	627.23	1086.39	2533.35	2143.12	2910.66	221.66	383.93
1.00	0.90	1.12	0.15	0.26	0.991337	1942.28	1753.93	2232.80	296.12	512.90	1943.36	1644.01	2232.80	170.04	294.52
1.01	0.71	1.46	0.22	0.37	0.94657	7708.37	6196.28	9341.64	1254.30	2172.51	7548.71	6385.94	8673.01	660.50	1144.02
1.04	0.87	1.30	0.17	0.29	0.808071	3228.11	2195.85	4482.58	637.18	1103.63	2990.68	2530.01	3436.10	261.68	453.24
0.89	0.48	1.45	0.27	0.48	0.703293	4134.54	2479.63	5447.62	886.09	1534.75	4453.66	3767.64	5116.99	389.69	674.96
0.91	0.72	1.06	0.16	0.28	0.627167	6171.39	5600.19	6834.23	1002.52	1736.42	6799.57	5752.20	7812.30	594.95	1030.49
1.17	0.67	2.39	0.38	0.65	0.631215	1640.18	863.02	2585.52	400.69	694.02	1281.18	1083.83	1472.00	112.10	194.16
0.89	0.53	1.35	0.24	0.42	0.690157	2972.67	1682.04	3628.33	641.18	1110.56	3157.98	2671.54	3628.33	276.32	478.60
0.99	0.59	1.61	0.27	0.46	0.958518	5619.46	3231.98	7400.46	1169.34	2025.35	5418.86	4584.17	6225.95	474.14	821.24
0.88	0.55	1.24	0.22	0.39	0.625489	3223.57	1940.93	4040.34	679.96	1177.73	3516.58	2974.90	4040.34	307.70	532.94
1.01	0.63	1.64	0.26	0.45	0.956835	1956.13	1178.01	2568.70	391.64	678.34	1846.64	1562.19	2121.68	161.58	279.86
1.00	0.85	1.18	0.16	0.27	0.99824	3021.96	2971.92	3061.98	434.92	753.30	3046.45	2577.19	3500.19	266.56	461.69
1.00	0.72	1.37	0.20	0.35	0.984526	5058.79	4201.07	5878.21	800.35	1386.24	5071.25	4290.10	5826.56	443.73	768.56
0.96	0.81	1.10	0.15	0.27	0.825834	4332.32	4209.25	4550.73	650.40	1126.53	4527.65	3830.23	5202.00	396.16	686.17
1.06	0.69	1.71	0.26	0.45	0.824973	7415.57	5434.64	9925.36	1352.88	2343.26	6851.78	5796.36	7872.28	599.52	1038.40
0.92	0.60	1.30	0.22	0.38	0.740051	3313.02	2467.34	3902.70	592.07	1025.49	3550.93	3003.96	4079.81	310.70	538.15
0.91	0.70	1.08	0.17	0.29	0.633934	3577.85	3157.91	4256.35	609.77	1056.15	3923.67	3319.28	4508.05	343.31	594.64
1.01	0.86	1.21	0.16	0.28	0.931392	4076.47	3387.79	4887.23	649.45	1124.88	4004.64	3387.79	4601.09	350.40	606.91
1.07	0.88	1.41	0.18	0.31	0.688166	1804.62	1399.72	2340.32	307.72	532.99	1654.59	1399.72	1901.02	144.77	250.76

0.95	0.58	1.47	0.25	0.43	0.847259	5151.92	3545.56	6589.02	979.65	1696.80	5294.21	4478.71	6082.73	463.23	802.35
0.57	0.16	1.11	0.39	0.68	0.35828	2062.72	544.19	3212.97	694.05	1202.13	2873.63	2430.99	3301.62	251.44	435.50
1.27	0.82	2.53	0.37	0.65	0.434491	3162.35	1856.90	5573.43	909.03	1574.49	2195.01	1856.90	2521.94	192.06	332.66
1.28	0.83	2.54	0.37	0.65	0.415986	2370.89	1381.05	4170.36	678.48	1175.16	1632.52	1381.05	1875.67	142.84	247.41
0.96	0.57	1.57	0.27	0.46	0.887858	3094.31	1969.37	4756.41	738.64	1279.37	3022.75	2557.14	3472.96	264.49	458.10
1.08	0.63	1.99	0.32	0.55	0.793955	1874.61	1146.40	3146.96	504.07	873.08	1572.74	1330.48	1806.98	137.61	238.35
1.18	0.67	2.47	0.39	0.68	0.614324	1697.06	957.45	3082.57	521.28	902.88	1242.54	1051.15	1427.60	108.72	188.31
0.99	0.84	1.15	0.16	0.27	0.943063	4619.66	3952.81	5395.11	729.59	1263.68	4672.55	3952.81	5368.48	408.84	708.13
1.05	0.98	1.18	0.15	0.26	0.745508	2388.45	1878.11	2684.51	370.45	641.63	2265.33	1916.39	2602.73	198.21	343.32
0.95	0.73	1.15	0.17	0.30	0.769137	1812.00	1151.64	2152.32	352.96	611.34	1855.67	1569.83	2132.06	162.37	281.23
0.82	0.54	1.02	0.20	0.34	0.436913	8659.80	6440.64	10506.78	1711.50	2964.40	10453.51	8843.30	12010.44	914.67	1584.25
0.80	0.49	1.04	0.21	0.37	0.426318	9310.40	6464.07	11461.48	1935.55	3352.47	11403.37	9646.85	13101.78	997.78	1728.20
0.85	0.56	1.10	0.20	0.35	0.513978	6395.23	4747.16	8173.26	1267.68	2195.69	7406.08	6265.28	8509.14	648.02	1122.40
0.77	0.42	1.08	0.24	0.42	0.421517	6764.09	4070.80	9115.90	1584.40	2744.26	8399.40	7105.59	9650.40	734.93	1272.94
1.05	0.61	1.88	0.31	0.53	0.874456	6464.72	4131.32	9353.11	1370.38	2373.56	5879.78	4974.09	6755.51	514.47	891.09
0.90	0.54	1.37	0.24	0.42	0.714089	5059.68	3389.03	6305.65	991.30	1716.99	5456.56	4616.05	6269.25	477.44	826.95
0.89	0.65	1.10	0.18	0.32	0.599406	9282.98	7708.24	10439.89	1589.82	2753.65	10386.96	8787.00	11933.98	908.84	1574.16
0.96	0.80	1.11	0.16	0.27	0.828819	4227.20	3713.49	4914.49	675.17	1169.43	4389.65	3713.49	5043.44	384.09	665.26
0.85	0.59	1.05	0.19	0.33	0.493251	9326.59	7394.88	10947.21	1717.90	2975.48	10891.70	9213.99	12513.90	953.01	1650.66
0.92	0.68	1.13	0.18	0.31	0.665315	6529.91	5562.58	8026.28	1145.22	1983.57	7093.54	6000.88	8150.04	620.67	1075.04
0.98	0.88	1.07	0.15	0.25	0.907942	1126.99	973.22	1240.88	173.52	300.54	1150.43	973.22	1321.78	100.66	174.35
1.04	0.92	1.23	0.16	0.27	0.784436	1745.52	1408.47	2062.43	272.51	472.00	1664.92	1408.47	1912.90	145.68	252.32
0.87	0.47	1.41	0.27	0.47	0.670339	2621.53	1562.08	3421.72	565.34	979.20	2866.17	2424.68	3293.06	250.79	434.37
1.01	0.98	1.06	0.14	0.24	0.923792	10921.21	9079.65	13077.88	1738.36	3010.94	10732.89	9079.65	12331.44	939.11	1626.59
1.00	0.98	1.02	0.14	0.24	0.993306	10027.30	8462.23	11745.72	1577.25	2731.87	10003.05	8462.23	11492.90	875.25	1515.98
1.06	0.92	1.30	0.16	0.28	0.703707	2443.93	2138.91	2648.99	346.74	600.57	2305.60	1950.46	2648.99	201.74	349.42
0.95	0.77	1.11	0.16	0.28	0.764886	7464.09	6053.98	8997.33	1269.01	2197.99	7830.99	6624.74	8997.33	685.20	1186.80
1.06	0.83	1.44	0.19	0.33	0.75325	12425.00	9716.67	14183.82	1923.74	3332.02	11640.73	9847.64	13374.49	1018.55	1764.17
1.28	0.94	2.22	0.31	0.53	0.34688	154.19	117.37	219.04	28.40	49.19	116.77	98.79	134.17	10.22	17.70
0.91	0.66	1.15	0.19	0.32	0.66228	6660.77	5510.02	7345.97	1119.92	1939.75	7308.72	6182.92	8397.28	639.50	1107.65
1.01	0.79	1.29	0.18	0.31	0.970522	4585.80	3589.45	5205.20	737.62	1277.59	4530.44	3832.59	5205.20	396.41	686.60
1.21	0.72	2.46	0.38	0.66	0.552142	4504.78	2700.48	8054.22	1338.45	2318.26	3262.13	2759.65	3747.99	285.43	494.38
1.06	0.59	2.01	0.34	0.58	0.857259	4964.36	2844.81	8494.36	1391.97	2410.97	4201.01	3553.91	4826.71	367.58	636.67
0.98	0.63	1.47	0.24	0.41	0.919075	7832.85	5731.02	9824.34	1403.64	2431.18	7902.91	6685.58	9079.97	691.49	1197.70
1.07	0.94	1.32	0.16	0.28	0.660623	7048.29	6219.61	7573.22	985.77	1707.40	6591.49	5576.17	7573.22	576.75	998.95
1.02	0.88	1.22	0.16	0.27	0.880331	6202.22	5374.97	6969.37	924.61	1601.47	6065.92	5131.55	6969.37	530.76	919.30
1.05	0.97	1.20	0.15	0.26	0.746653	3834.77	3048.46	4953.87	655.20	1134.84	3603.53	3048.46	4140.24	315.30	546.12
0.96	0.89	1.01	0.14	0.25	0.809611	6178.26	5478.78	6580.46	951.86	1648.66	6442.71	5450.30	7402.28	563.73	976.40
0.97	0.90	1.01	0.14	0.25	0.842859	8334.13	7295.88	8920.30	1283.98	2223.91	8624.34	7295.88	9908.84	754.62	1307.03
0.98	0.78	1.20	0.17	0.29	0.902147	4038.87	2620.10	5496.60	816.78	1414.71	3979.63	3366.62	4572.35	348.21	603.12
0.95	0.85	1.02	0.15	0.25	0.773523	5472.44	4076.52	6651.06	966.43	1673.91	5660.90	4788.92	6504.03	495.32	857.92
1.02	1.00	1.05	0.14	0.24	0.917368	3398.09	2975.68	3854.38	511.14	885.31	3354.73	2837.98	3854.38	293.53	508.42
0.94	0.80	1.03	0.15	0.26	0.709938	4835.00	4509.80	5206.30	752.54	1303.43	5179.90	4382.01	5951.39	453.23	785.02
0.96	0.88	1.00	0.14	0.25	0.786787	6589.94	5842.41	6980.75	1019.89	1766.50	6906.22	5842.41	7934.82	604.28	1046.65
1.00	0.99	1.01	0.14	0.24	0.999394	3362.42	2867.82	3865.15	521.23	902.79	3364.10	2845.91	3865.15	294.35	509.84
1.02	0.95	1.11	0.14	0.25	0.910618	2387.78	2205.31	2707.37	354.70	614.35	2356.40	1993.43	2707.37	206.18	357.12
0.98	0.88	1.07	0.15	0.25	0.896567	2759.29	2491.01	3237.25	436.12	755.38	2817.60	2383.59	3237.25	246.54	427.01
1.02	0.99	1.08	0.14	0.24	0.872148	1095.46	900.97	1325.40	175.32	303.67	1065.02	900.97	1223.64	93.19	161.41
1.12	0.97	1.45	0.18	0.31	0.507321	1378.65	1205.27	1511.84	187.46	324.69	1234.91	1044.69	1418.84	108.05	187.15
1.00	0.69	1.46	0.22	0.38	0.987041	337.21	229.27	404.83	60.70	105.13	328.59	277.97	377.53	28.75	49.80

0.86	0.59	1.09	0.19	0.33	0.525705	232.76	180.14	291.89	44.51	77.09	267.45	226.26	307.29	23.40	40.53
0.87	0.52	1.26	0.23	0.40	0.617807	116.49	78.67	139.48	23.00	39.83	130.64	110.52	150.10	11.43	19.80
1.15	0.66	2.28	0.36	0.63	0.668575	2710.57	1667.93	4251.87	638.60	1106.08	2200.68	1861.70	2528.45	192.56	333.52
1.03	0.60	1.82	0.30	0.52	0.925143	4578.32	2912.47	6550.52	964.73	1670.96	4250.32	3595.62	4883.36	371.90	644.14
0.91	0.52	1.46	0.26	0.46	0.760206	4074.46	2579.81	5323.26	834.88	1446.05	4298.41	3636.30	4938.61	376.10	651.43
1.00	0.51	1.95	0.35	0.60	0.995105	578.15	204.10	1055.64	189.97	329.04	472.30	399.55	542.65	41.33	71.58
1.14	0.99	1.49	0.18	0.32	0.447833	9761.41	8574.80	10851.40	1309.48	2268.09	8580.11	7258.47	9858.02	750.75	1300.33
0.98	0.85	1.10	0.15	0.26	0.891531	3916.46	3351.89	5009.83	684.73	1185.99	3962.21	3351.89	4552.34	346.69	600.48
1.10	0.92	1.45	0.18	0.32	0.593499	9311.18	8550.01	10420.86	1277.93	2213.44	8506.65	7196.33	9773.63	744.32	1289.20
1.08	0.95	1.32	0.16	0.28	0.640863	11332.56	10096.65	12137.15	1570.63	2720.42	10563.79	8936.59	12137.15	924.31	1600.96
1.23	0.92	2.03	0.28	0.48	0.39369	4105.80	3276.92	5608.06	706.64	1223.94	3260.30	2758.10	3745.89	285.27	494.10
1.13	0.85	1.70	0.23	0.40	0.560349	6540.29	5622.54	8243.10	1014.98	1757.99	5726.03	4844.02	6578.86	501.02	867.79
0.95	0.79	1.07	0.15	0.27	0.747169	3262.34	2264.32	3885.82	599.82	1038.91	3382.09	2861.13	3885.82	295.93	512.56
1.00	0.95	1.07	0.14	0.25	0.982571	6103.32	4858.49	6962.28	974.70	1688.23	6059.75	5126.33	6962.28	530.22	918.37
0.91	0.73	1.04	0.16	0.28	0.624714	3855.44	2545.36	4723.72	752.32	1303.05	4111.38	3478.08	4723.72	359.74	623.09
1.00	0.74	1.35	0.19	0.34	0.996818	4395.52	3650.81	5851.35	802.40	1389.80	4315.56	3650.81	4958.32	377.60	654.03
0.95	0.74	1.16	0.17	0.30	0.781653	4576.16	4063.23	5580.57	771.64	1336.52	4803.07	4063.23	5518.43	420.26	727.91
1.01	0.85	1.23	0.16	0.28	0.942689	6129.99	5100.94	7427.91	987.06	1709.63	6029.73	5100.94	6927.80	527.59	913.82
1.18	1.00	1.66	0.21	0.36	0.381873	3080.08	2137.41	4203.13	558.33	967.05	2526.60	2137.41	2902.91	221.07	382.91
0.99	0.78	1.24	0.17	0.30	0.948712	827.79	537.91	1010.54	155.60	269.51	813.73	688.38	934.92	71.20	123.32