

Supplemental material

Table: Base/site locations and maximum profits for case studies

Site index (<i>i</i>)	Case I			Case II			Case III		
	x_i, y_i (km, km)	$p_{i,max}$ (-)	t_i (hr)	x_i, y_i (km, km)	$p_{i,max}$ (-)	t_i (hr)	x_i / y_i (km, km)	$p_{i,max}$ (-)	t_i (hr)
0 (base)	25.0, 25.0	0.0	0.0	25.0, 25.0	0.0	0	25.0, 25.0	0.0	0.0
1	39.7, 27.1	1.8	1.1	29.3, 35.0	2.1	2.5	8.1, 14.5	2.1	2.0
2	42.3, 29.4	2.9	1.8	25.0, 12.1	2.8	2.3	27.7, 14.8	1.8	1.8
3	45.7, 22.6	2.8	2.2	39.3, 32.1	1.7	2.7	29.2, 21.8	1.9	1.4
4	43.2, 14.2	1.7	2.4	39.3, 14.3	1.9	2.2	47.0, 8.1	2.2	1.2
5	39.1, 7.8	1.2	1.9	10.7, 21.4	2.9	2.2	17.0, 4.6	2.4	1.5
6	31.4, 9.8	1.9	1.3	17.9, 21.4	3.0	1.3	15.0, 21.2	2.7	2.6
7	25.2, 6.3	2.9	1.2	14.3, 35.7	2.2	2.2	28.9, 14.0	1.6	1.2
8	21.1, 6.5	1.5	1.6	7.1, 30.7	1.3	1.3	21.7, 46.5	1.9	2.5
9	11.4, 13.7	2.5	1.7	39.3, 42.9	2.4	2.7	39.3, 48.8	2.5	1.2
10	10.2, 15.1	2.6	2.4	21.4, 42.9	2.8	1.3	39.2, 29.4	1.8	1.4
11	6.9, 18.9	1.3	2.1	14.3, 46.4	1.9	2.7	36.5, 16.8	2.4	1.8
12	3.2, 22.9	2.3	2.0	35.7, 25.0	2.1	2.6	4.1, 17.6	2.1	2.6
13	8.8, 25.4	2.4	2.4	21.4, 17.9	2.4	2.7	31.7, 28.8	2.4	1.2
14	10.5, 27.1	2.6	2.2	10.7, 7.1	2.3	1.1	1.4, 49.2	1.8	1.4
15	12.6, 27.8	1.7	2.5	21.4, 3.6	2.7	1.1	26.5, 31.3	3.0	1.9
16	15.4, 33.4	1.5	1.7	7.1, 14.3	2.9	1.5	12.7, 4.1	2.9	2.0
17	19.5, 35.5	2.7	2.7	3.6, 21.4	2.0	1.6	29.2, 21.3	2.1	1.1
18	29.7, 30.9	1.2	1.6	14.3, 28.6	1.0	2.0	8.0, 7.2	1.1	1.4
19	33.5, 29.7	2.8	1.3	10.7, 42.9	2.7	1.3	35.8, 6.7	2.2	1.8
20	36.5, 29.1	1.1	2.2	32.1, 46.4	1.6	2.8	15.9, 28.1	2.2	2.2
21	30.9, 36.2	2.3	1.9	32.1, 14.3	1.1	2.3	25.1, 25.8	1.1	2.3
22	38.6, 38.6	2.7	2.5	32.1, 7.1	1.2	1.9	20.8, 19.3	1.4	2.1