

Table 1. Comparison between non demented subjects excluded from analysis (n = 2,130) and non-demented subjects included (n = 6,947)

		<i>Excluded</i>		<i>Included</i>		χ^2		
		n	%	n	%	p	OR [95% CI] ^a	p
Sex	M	798	37.46	2,755	39.66	0.07		
	F	1,332	62.54	4,192	60.34			
Age	65-69	360	16.90	1,778	25.59	<0.0001		
	70-74	619	29.06	2,334	33.60			
	75-79	617	28.97	1,860	26.77			
	80+	584	25.07	975	14.03			
Education	No or primary	666	31.50	1,654	23.81	<0.0001		
	Secondary	727	34.39	2,510	36.13			
	High school	398	18.83	1,419	20.43			
	University	323	15.28	1,364	19.63			
Center	Bordeaux	610	28.64	1,416	20.38	<0.0001		
	Dijon	1,146	53.80	3,716	53.49			
	Montpellier	374	17.56	1,815	26.13			
Monthly income, EUR	< 750 €	142	9.11	336	4.84	<0.0001		
	750-1500 €	537	34.47	2,122	30.55			
	1500-2250 €	427	27.41	1,976	28.44			
	>2250 €	452	29.01	2,513	36.17			
Marital status	Married	1,231	57.85	4,128	59.46	0.007	-	-
	Divorced	129	6.06	515	7.42		1.15 [0.91;1.47]	0.25
	Widowed	616	28.95	1,774	25.55		1.08 [0.93;1.26]	0.33
	Single	139	6.53	495	7.13		1.20 [0.93;1.55]	0.15
	Other	13	0.61	30	0.43		0.51 [0.26;1.01]	0.06
Depressive symptoms	< 16	1,449	72.13	5,369	77.29	<0.0001	-	-
	≥ 16	560	27.87	1,578	22.71		0.70 [0.61;0.80]	<0.0001
Cardiovascular disease	No	1,880	88.55	6,336	91.20	0.0003	-	-
	Yes	243	11.45	611	8.80		0.75 [0.63;0.90]	0.0016
BMI	Normal	989	48.34	3,276	47.16	0.39	-	-
	Overweight	778	38.03	2,758	39.70		1.10 [0.97;1.25]	0.14
	Obese	279	13.64	913	13.14		0.98 [0.82;1.16]	0.79
Diabetes	No	1,381	85.78	6,302	90.72	<0.0001	-	-
	Yes	229	14.22	645	9.28		0.57 [0.47;0.68]	<0.0001
Hypertension	No	824	38.69	3,044	43.82	<0.0001	-	-
	Yes	1,306	61.31	3,903	56.18		0.90 [0.80;1.02]	0.09
Hypercholesterolemia	No	458	26.34	1,794	25.82	0.66	-	-
	Yes	1,281	73.66	5,153	74.18		1.04 [0.90;1.20]	0.63

		<i>Excluded</i>		<i>Included</i>		χ^2		OR [95% CI] ^a	p
		n	%	n	%	p			
Smoking	Never	1,330	62.56	4,230	60.89	0.07	-	-	
	Former	664	31.23	2,339	33.67		1.01 [0.88;1.17]	0.85	
	Current	132	6.21	378	5.44		0.70 [0.56;0.89]	0.004	
APOE4	No	1,195	77.35	5,582	80.35	0.008	-	-	
	Yes	350	22.65	1,365	19.65		0.82 [0.70;0.96]	0.01	
Alcohol	0	482	24.31	1,375	19.79	0.0002	-	-	
	1-12 g/day	828	41.75	3,141	45.21		1.28 [1.09;1.49]	0.002	
	13-36 g/day	506	25.52	1,843	26.53		1.20 [1.00;1.43]	0.053	
	>36 g/day	167	8.42	588	8.46		1.14 [0.88;1.46]	0.32	
Olive oil	Non use	639	30.94	1,576	22.69	<0.0001	-	-	
	Moderate use	773	37.43	2,772	39.90		1.27 [1.10;1.47]	0.0009	
	Intensive use	653	31.62	2,599	37.41		1.37 [1.18;1.59]	<0.0001	
Fish	Less than 1/wk	266	12.54	782	11.26	0.04	-	-	
	Once/wk	838	39.51	2,630	37.86		1.07 [0.89;1.28]	0.49	
	≥ 2/wk	1,017	47.95	3,535	50.89		1.17 [0.98;1.40]	0.08	
Fruits/vegetables	Less than 2/day	709	33.51	2,000	28.79	0.0002	-	-	
	2/day	735	34.74	2,549	36.69		1.29 [1.13;1.48]	0.0003	
	≥ 3/day	672	31.76	2,398	34.52		1.26 [1.09;1.45]	0.001	
MMSE Baseline	≥ 26	1,611	76.53	5,951	85.98	<0.0001	-	-	
	< 26	494	23.47	970	14.02		0.62 [0.54;0.72]	<0.0001	
IST30 Baseline	0	1,314	63.42	5,246	76.36	<0.0001	-	-	
	≤ 40	758	36.58	1,624	23.64		0.64 [0.57;0.73]	<0.0001	
BVRT Baseline	>10	1,248	60.97	4,973	72.43	<0.0001	-	-	
	≤10	799	39.03	1,893	27.57		0.71 [0.63;0.80]	<0.0001	

^a Odds ratio adjusted for sex, age, education, income and centre