Additional File 10. Prospective associations between social network characteristics and global cognitive function with Bonferroni corrected p-values

Social network measure	Model 1*			Model 2†			Model 3‡		
	b	95% CI	P-value§	b	95% CI	P-value§	b	95% CI	P-value§
Network size of friends									
None	-0.02	-0.07, 0.03	1.000	-0.02	-0.07, 0.02	1.000	-0.03	-0.07, 0.02	1.000
1 or 2		Reference			Reference			Reference	
3 to 5	0.01	-0.05, 0.08	1.000	-0.03	-0.08, 0.03	1.000	-0.01	-0.07, 0.04	1.000
More than 5	0.06	-0.05, 0.17	1.000	-0.02	-0.11, 0.08	1.000	-0.03	-0.12, 0.06	1.000
P-trend		0.095			0.787			0.643	
Network size of relatives									
None	0.00	-0.05, 0.05	1.000	0.00	-0.04, 0.04	1.000	0.00	-0.04, 0.04	1.000
1 or 2		Reference			Reference			Reference	
3 to 5	0.01	-0.05, 0.07	1.000	-0.01	-0.06, 0.04	1.000	0.00	-0.05, 0.04	1.000
More than 5	0.08	-0.03, 0.19	0.860	0.01	-0.09, 0.11	1.000	0.00	-0.09, 0.10	1.000
P-trend		0.425			0.815			0.828	
Contact frequency with friends									
No friends	**-0.13**	**-0.20, -0.06**	**<0.001**	-0.07	-0.13, -0.01	0.150	-0.01	-0.07, 0.05	1.000
Less than once a month		Reference			Reference			Reference	
About once a month	0.06	0.01, 0.11	0.075	0.02	-0.02, 0.06	0.942	0.02	-0.02, 0.06	1.000
Several times a month	0.00	-0.05, 0.05	1.000	-0.02	-0.07, 0.02	1.000	-0.02	-0.06, 0.03	1.000
About once a week	0.02	-0.03, 0.07	1.000	0.00	-0.04, 0.05	1.000	0.03	-0.02, 0.07	1.000
Several times a week	-0.04	-0.10, 0.02	0.925	-0.03	-0.08, 0.02	1.000	0.01	-0.04, 0.06	1.000
P-trend		0.580			0.827			0.535	
Contact frequency with relatives									
No relatives	-0.01	-0.12, 0.10	1.000	-0.01	-0.11, 0.08	1.000	-0.01	-0.10, 0.08	1.000
Less than once a month		Reference			Reference			Reference	
About once a month	-0.07	-0.13, -0.01	0.070	-0.06	-0.11, -0.01	0.054	-0.05	-0.10, -0.01	1.000
Several times a month	0.03	-0.03, 0.09	1.000	-0.02	-0.07, 0.13	1.000	-0.01	-0.06, 0.03	1.000
About once a week	-0.04	-0.09, 0.01	0.620	**-0.06**	**-0.11, -0.02**	**0.020**	-0.05	-0.09, -0.01	1.000
Several times a week	0.00	-0.04, 0.06	1.000	-0.02	-0.06, 0.03	1.000	-0.03	-0.07, 0.01	1.000
P-trend		0.583			0.405			0.203	
Participation in social activities									
Never or not a member		Reference			Reference			Reference	
At least several times a year	**0.15**	**0.09, 0.21**	**<0.001**	0.06	0.01, 0.11	0.075	0.01	-0.04, 0.06	1.000
Several times a month or more	**0.19**	**0.13, 0.25**	**<0.001**	**0.08**	**0.03, 0.13**	**0.004**	0.03	-0.02, 0.08	1.000
P-trend		<0.001			<0.001			0.233	

*Adjusted for country, age and sex.

†Adjusted for country, age, sex and baseline global cognitive function.

‡Adjusted for country, age, sex, baseline global cognitive function, education, household amenities, work status, marital status, smoking status, alcohol drinking frequency, alcohol intake, physical activity, self-rated health, number of chronic diseases and depressive symptoms.

§P-values after Bonferroni correction for multiple testing. Emboldened estimates were statistically significant (p-value<0.05).