

Prevalence of social disconnection in the general adult population – results from DISCONNECT study

Supplementary file

Logistic regression models with weighted data are presented in the following tables. Same set of predictors as in the main part or manuscript were used.

Table 1. Lonely strict (UCLA - 3 - 8-9)

	B	S.E.	p	OR	95% C.I.	
Age	.000	.011	.975	1.000	.979	1.022
Sex	-.076	.198	.702	.927	.629	1.366
Education – elementary – reference						
Secondary	-.109	.255	.668	.897	.544	1.477
University level	.408	.323	.207	1.504	.798	2.833
Household size (no. of people)	-.109	.087	.213	.897	.756	1.065
Marital status – single – reference						
Married	-1.255	.288	<.001	.285	.162	.501
Divorced	-.439	.312	.159	.644	.349	1.188
Widower	-.110	.348	.751	.895	.453	1.772
Employment – employed – reference			.100			
Unemployed	-.165	.374	.659	.848	.407	1.765
Student	-.636	.656	.332	.529	.146	1.913
Disability – long-term health problems	.777	.364	.033	2.174	1.065	4.441
Retired	.627	.334	.061	1.871	.972	3.603
Urban – large city – reference						
Suburb of large city	.037	.550	.947	1.037	.353	3.049
Medium or small town	.310	.261	.236	1.363	.817	2.276
Village	.410	.244	.093	1.506	.933	2.431
Subjective SES	-.292	.058	<.001	.747	.667	.836
Treatment for mental illness	.712	.258	.006	2.037	1.228	3.381
Depression – PHQ-9	.177	.017	<.001	1.194	1.155	1.235

B = unstandardized regression coefficient; Sig. = significance level (p-value) testing whether B significantly differs from zero; OR = odds ratio; 95% C.I. = 95% confidence interval for the odds ratio

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Table 2 Lonely (UCLA-3 > 6)

	B	S.E.	p	OR	95% C.I.	
Age	.000	.006	.953	1.000	.989	1.012
Sex	.044	.102	.668	1.045	.856	1.276
Education – elementary – reference						
Secondary	-.169	.148	.254	.845	.632	1.129
University level	.000	.180	.999	1.000	.703	1.423
Household size (no. of people)	-.102	.047	.031	.903	.823	.991
Marital status – single – reference						
Married	-.425	.147	.004	.654	.490	.871
Divorced	.033	.181	.856	1.033	.725	1.472
Widower	.397	.212	.061	1.488	.981	2.255
Employment – employed – reference						
Unemployed	.435	.197	.027	1.545	1.051	2.270
Student	.041	.273	.882	1.041	.610	1.777
Disability – long-term health problems	.472	.264	.074	1.603	.955	2.691
Retired	.290	.171	.089	1.337	.957	1.869
Urban – large city – reference						
Suburb of large city	.394	.244	.106	1.483	.919	2.391
Medium or small town	.143	.137	.297	1.153	.882	1.507
Village	.248	.127	.050	1.282	1.000	1.643
Subjective SES	-.192	.031	<.001	.826	.776	.878
Treatment for mental illness	.636	.198	.001	1.889	1.280	2.787
Depression – PHQ-9	.195	.011	<.001	1.216	1.189	1.243

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Table 3 Social isolation - LSNS < 12

	B	S.E.	p	OR	95% C.I.	
Age	.005	.006	.337	1.005	.994	1.017
Sex	-.181	.102	.076	.834	.683	1.019
Education – elementary – reference						
Secondary	-.214	.149	.150	.807	.603	1.080
University level	-.168	.181	.352	.845	.593	1.205
Household size (no. of people)	-.224	.051	<.001	.799	.723	.883
Marital status – single – reference						
Married	-.213	.147	.149	.808	.606	1.079
Divorced	.065	.178	.717	1.067	.752	1.513
Widower	-.162	.215	.451	.850	.558	1.296
Employment – employed – reference						
Unemployed	.413	.201	.040	1.511	1.020	2.238
Student	-.222	.309	.473	.801	.437	1.468
Disability – long-term health problems	.687	.247	.005	1.988	1.224	3.228
Retired	.141	.169	.404	1.151	.827	1.602
Urban – large city – reference						
Suburb of large city	-.601	.297	.043	.548	.306	.982
Medium or small town	-.089	.135	.509	.915	.702	1.192
Village	.065	.124	.599	1.067	.837	1.361
Subjective SES	-.057	.031	.066	.944	.888	1.004
Treatment for mental illness	.587	.187	.002	1.799	1.247	2.594
Depression – PHQ-9	.078	.010	<.001	1.081	1.060	1.104
Age	-1.040	.381	.006	.353		

B = unstandardized regression coefficient; Sig. = significance level (p-value) testing whether B significantly differs from zero; OR = odds ratio; 95% C.I. = 95% confidence interval for the odds ratio