

Supplemental Online Content

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eTable. Hazard Ratios of the Association of Loneliness With Incident Parkinson Disease (PD) Accounting for Different Sets of Covariates and Fully Adjusted Model

This supplementary material has been provided by the authors to give readers additional information about their work

eTable. Hazard Ratios of the Association of Loneliness With Incident Parkinson Disease (PD) Accounting for Different Sets of Covariates and Fully Adjusted Model

	Model 1			Model 2			Model 3			Model 4			Model 5			Model 6			Model 7			Model 8				
	HR	L	H	HR	L	H	HR	L	H	HR	L	H	HR	L	H	HR	L	H	HR	L	H	HR	L	H		
Loneliness	1.37	1.25	1.51	1.35	1.23	1.49	1.35	1.22	1.48	1.38	1.25	1.52	1.39	1.26	1.52	1.32	1.20	1.46	1.28	1.16	1.42	1.25	1.12	1.39		
Sex	2.01	1.86	2.17	2.01	1.86	2.17	2.01	1.86	2.17	2.04	1.89	2.21	2.04	1.89	2.21	1.95	1.80	2.10	2.01	1.86	2.18	2.03	1.86	2.21		
Age	1.16	1.15	1.16	1.16	1.15	1.16	1.16	1.15	1.16	1.16	1.15	1.16	1.16	1.15	1.16	1.15	1.15	1.16	1.16	1.15	1.17	1.16	1.15	1.17		
Townsend deprivation				1.02	1.00	1.03																1.01	0.99	1.02		
College				0.99	0.91	1.07																0.96	0.88	1.05		
Social isolation							1.05	0.99	1.11													1.05	0.99	1.12		
PGS_PD										1.39	1.34	1.45										1.40	1.35	1.46		
Smoking, current													0.76	0.66	0.89							0.68	0.58	0.81		
Smoking, former													0.94	0.87	1.01							0.92	0.84	1.00		
Physical activity													0.97	0.94	0.99							0.97	0.95	0.99		
Diabetes																1.55	1.36	1.75				1.50	1.31	1.72		
Stroke																1.54	1.26	1.88				1.51	1.21	1.87		
Heart attack																0.95	0.79	1.15				0.96	0.79	1.17		
Hypertension																1.08	1.00	1.17				1.04	0.96	1.14		
Body mass index (BMI)																1.00	0.99	1.01				1.00	0.99	1.01		
Depressed																					1.21	1.02	1.44	1.14	0.95	1.37
Seen a psychiatrist for nerves, anxiety, tension or depression																					1.52	1.37	1.70	1.47	1.31	1.65

Notes: L (lower) and U (upper) refer to the 95% confidence interval. PGS = Polygenic score.