

Online supplementary material

Tables 3; Figures 1.

A longitudinal twin study of Borderline and Antisocial personality disorder traits in early to middle adulthood.

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Table S1. Complete and incomplete twin pairs by zygosity group

Zygosity group	Wave 1		Wave 2	
	Complete pairs	Incomplete pairs	Complete pairs	Incomplete pairs
MZ Male	220	5	154	49
DZ Male	117	3	76	36
MZ Female	449	4	357	63
DZ Female	449 259	8	179	59
DZ Unlike sex	340	3	219	104

MZ, Monozygotic; DZ Dizygotic

Table S2. Within pair twin correlation with 95% Confidence intervals

	T1 ASPD W1	T1 BPD W1	T1 ASPD W2	T1 BPD W2
T2 ASPD W1	0.41 (0.32,0.50) / 0.11 (0.03, 0.15)	0.27 (0.22,0.33)	0.37 (0.32, 0.40)	0.21 (0.18, 0.30)
T2 BPD W1	0.12 (0.07, 0.17)	0.33 (0.26, 0.42) / 0.18 (0.12, 0.23)	0.22 (0.15, 0.31)	0.24 (0.23, 0.31)
T2 ASPD W2	0.23 (0.16, 0.33)	0.19 (0.11, 0.26)	0.40 (0.35, 0.52) / 0.23 (0.14, 0.38)	0.25 (0.17, 0.35)
T2 BPD W2	0.15 (0.07, 0.24)	0.19 (0.14, 0.26)	0.18 (0.15, 0.30)	0.26 (0.16, 0.35) / 0.20 (0.16, 0.34)

Monozygotic twins above the diagonal, dizygotic below the diagonal

ASPD, Antisocial personality disorder traits; BPD, Borderline personality disorder traits;

T1, Twin 1; T2, Twin 2; W1, Wave 1; W2, Wave 2

Table S3. Frequencies of the ordinal levels

Ordinal levels	W1 ASPD N (%)	W1 BPD W1 N (%)	W2 ASPD W2 N (%)	W2 BPD N (%)
0	2060 (74.0)	1450 (52.0)	1901 (83.4)	1473 (64.6)
1	426 (15.3)	646 (23.1)	255 (11.2)	417 (18.3)
2	297 (10.7)	695 (24.9)	124 (5.4)	390 (17.1)

ASPD, Antisocial personality disorder traits; BPD, Borderline personality disorder traits;
W1, Wave 1; W2, Wave 2

Figure legend

**Figure S1. Full longitudinal model with parameter estimates and 95%
confidence intervals**

Abbreviations: ASPD-Antisocial personality disorder, BPD–Borderline personality disorder,
A–additive genetic effects, E-individual environmental effects, C-shared environmental
effects, subscript c-common, subscript s-specific, L1-latent factor time 1, L2-latent factor time
2, W1-wave 1, W2-wave 2, subscript1-time 1, subscript 2-time 2