Supplementary Online Content

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eTable 1. Polychoric Correlations Between *DSM-IV* Criteria for Borderline Personality Disorder

eTable 2. Model Fitting Results

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

eTable 1. Polychoric Correlations Between *DSM-IV* Criteria for Borderline Personality Disorder

Criterion	1	2	3	4	5	6	7	8	9
1. Avoidance of abandonment	1.00								
2. Unstable relationships	.56	1.00							
3. Identity disturbance	.41	.46	1.00						
4. Impulsive self-harm	.30	.36	.32	1.00					
5. Suicidal behavior	.50	.41	.51	.47	1.00				
6. Affective instability	.43	.60	.57	.29	.47	1.00			
7. Feeling of emptiness	.36	.48	.57	.24	.46	.56	1.00		
8. Intense anger	.34	.48	.33	.27	.45	.57	.39	1.00	
9. Paranoid ideation	.46	.44	.54	.39	.47	.50	.44	.43	1.00

eTable 2. Model Fitting Results

Models		Common factors*	Item-specific factors	$\Delta\chi2$	Δdf	AIC
Cholesky						
1.	ACE**					
2.	AE			5.8	45	-84.2
3.	CE			17.3	45	-72.7
AE independent pathway						
4.	Step 0	4A – 4E	a_s - e_s	16.3	45	-73.7
5.	Step 1	3A - 4E	a_s - e_s	23.4	54	-84.6
6.		4A - 3E	a_s - e_s	22.3	54	-85.7
7.	Step 2	3A - 3E	a_s - e_s	28.2	63	-97.8
8.		4A - 2E	a_s - e_s	41.0	63	-85.0
9.	Step 3	2A - 3E	a_s - e_s	39.8	72	-104.2
10.		3A - 2E	a_s - e_s	45.5	72	-98.5
11.	Step 4	1A - 3E	a_s - e_s	49.7	81	-112.3
12.		2A - 2E	a_s - e_s	57.3	81	-104.7
13.	Step 5	0A - 3E	a_s - e_s	135.6	90	-44.4
14.		1A - 2E	a_s - e_s	76.2	90	-103.8
15	Step 6	1A - 3E	e_s	92.4	90	-87.6
AE common pathway						
16.		1	a_s - e_s	141.8	107	-72.2
17.		2	a_s - e_s	82.8	97	-111.2
18.		**3**	**a_s - e_s**	**53.6**	**87**	**-120.4**
19.		4	a_s - e_s	39.1	77	-114.9
20.		3	e_s	82.8	96	-109.2

*A indicates additive genetic factors, E indicates unique environmental factors
**Fit statistics: *-2ll* =17481.7; *df* = 25000;
a_s indicates item-specific genetic factors
e_s indicates item-specific unique environmental factors
AIC indicates Akaikes Information Criterion