

Online Appendix I

Table A1. *Psychometric Properties of Temperament Scale Scores*

	BR	PE	SS	ER	EN	AC	AVERAGE
<i>Item consistency (Cronbach's α)</i>							
<i>Self-reports</i>							
Time 1	.78	.79	.82	.84	.85	.75	.80
Time 2	.78	.80	.83	.87	.83	.72	.80
<i>Single peer reports</i>							
Time 1	.83	.80	.85	.86	.86	.77	.83
Time 2	.83	.79	.84	.88	.88	.74	.82
<i>Mean peer reports</i>							
Time 1	.84	.85	.87	.90	.89	.77	.85
Time 2	.85	.80	.87	.90	.90	.80	.85
<i>Rater consistency (Intra-class correlations ICC)</i>							
<i>Peer 1 \times Peer 2</i>							
Time 1	.55	.46	.42	.65	.52	.62	.53
Time 2	.57	.55	.48	.66	.62	.61	.58
<i>Self \times Mean Peer</i>							
Time 1	.72	.56	.57	.64	.68	.70	.64
Time 2	.67	.62	.62	.70	.67	.69	.66
<i>Self \times Peer 1 \times Peer 2</i>							
Time 1	.69	.58	.55	.67	.67	.72	.65
Time 2	.67	.65	.61	.73	.70	.70	.68

Note. BR: Briskness; PE: Perseveration; SS: Sensory Sensitivity; ER: Emotional Reactivity; EN: Endurance; AC: Activity; Time 1: $N=700$; Time 2: $N=613$.

Online Appendix II

Table A2. Model Fit Statistics for Model Tests of Genetic and Shared Environmental Parameters

	BR	PE	SS	ER	EN	AC
<i>Full GCE model</i>						
χ^2 (df= 153)	181.66	192.81	224.87	159.19	184.73	150.87
RMSEA	.023	.027	.037	.011	.024	.000
CFI	.970	.944	.893	.994	.965	1.00
<i>Model test of shared environmental effects → Full GE model</i>						
$\Delta\chi^2$ (df= 6)	0.03	1.29	0.36	0.00	0.00	1.66
RMSEA	.020	.025	.035	.002	.022	.000
CFI	.976	.951	.901	1.00	.971	1.00
<i>Model test of genetic effects → Full CE model</i>						
$\Delta\chi^2$ (df= 6)	29.11***	17.42***	12.35*	31.62***	30.87***	19.21***
RMSEA	.031	.031	.038	.024	.032	.014
CFI	.946	.928	.884	.967	.937	.969
<i>Model test of genetic and shared environmental effects → Full E model</i>						
$\Delta\chi^2$ (df= 12)	95.71***	84.15***	57.06***	97.64***	109.46***	95.16***
RMSEA	.044	.044	.045	.040	.048	.038
CFI	.882	.843	.828	.905	.856	.902

Note. Statistics are based on full information maximum likelihood (RMSEA<.05 and CFI>.95 indicate good fits); BR: Briskness; PE: Perseveration; SS: Sensory Sensitivity; ER: Emotional Reactivity; EN: Endurance; AC: Activity; G: genetic effects; C: common environmental effects; E: nonshared environmental effects; the best fitting model that includes significant genetic and nonshared environmental parameters (GE) is shown in boldface.

*** $p < .01$; ** $p < .05$; * $p < .10$