

Table S1.

Standardized effects from the final structural equation model incorporating caregiver-reported harsh punishment, poor self-control, and negative emotionality as predictors of child-reported BPD symptomatology.

Ages 5-8	Age 10	Ages 10-14	Ages 14-17	Std. β	S. E.	p
Wave 1 Public assistance →	Harsh punishment (Intercept)			0.021	0.019	0.27
Wave 1 Public assistance →	Poor self-control (Intercept)			0.072	0.022	0.001
Wave 1 Public assistance →		Negative emotionality Age 11		-0.03	0.019	0.117
Wave 1 Public assistance →		Rate of change in poor self-control Ages 10–12 (Slope)		0.015	0.046	0.745
Wave 1 Public assistance →		Rate of change in poor self-control Ages 12–14 (Slope)		0.042	0.024	0.086
Wave 1 Public assistance →		Rate of change in harsh punishment Ages 10–14 (Slope)		-0.003	0.033	0.926
Wave 1 Public assistance →			BPD symptom severity Age 14 (Intercept)	-0.011	0.03	0.709
Wave 1 Public assistance →			Rate of change in BPD symptoms Ages 14–17 (Slope)	0.042	0.044	0.34
Minority race →	Harsh punishment (Intercept)			0.113	0.018	< .0001
Minority race →	Poor Self-Control (Intercept)			-0.004	0.021	0.853
Minority race →		Negative emotionality Age 11		-0.013	0.02	0.493
Minority race →		Change in poor self-control Ages 10–12 (Slope)		0.18	0.049	< .0001
Minority race →		Change in poor self-control Ages 12–14 (Slope)		-0.03	0.023	0.186
Minority race →		Change in harsh punishment Ages 10–14 (Slope)		0.134	0.033	< .0001
Minority race →			BPD symptom severity Age 14 (Intercept)	0.073	0.033	0.026
Minority race →			Rate of change in BPD symptoms Ages 14–17 (Slope)	0.101	0.05	0.044
Wave 1 Harsh punishment →	Harsh punishment (Intercept)			0.605	0.013	< .0001
Wave 1 Harsh punishment →	Poor Self-Control (Intercept)			0.113	0.019	< .0001
Wave 1 Harsh punishment →		Negative emotionality Age 11		-0.057	0.027	0.037
Wave 1 Harsh punishment →		Change in poor self-control Ages 10–12 (Slope)		-0.09	0.066	0.17
Wave 1 Harsh punishment →		Change in poor self-control Ages 12–14 (Slope)		0.014	0.033	0.661
Wave 1 Harsh punishment →		Change in harsh punishment Ages 10–14 (Slope)		0.023	0.043	0.589
Wave 1 Harsh punishment →			BPD symptom severity Age 14 (Intercept)	0.06	0.042	0.15
Wave 1 Harsh punishment →			Rate of change in BPD symptoms Ages 14–17 (Slope)	-0.039	0.06	0.513
Wave 1 Poor self-control →	Harsh punishment (Intercept)			0.073	0.018	< .0001
Wave 1 Poor self-control →	Poor Self-Control (Intercept)			0.54	0.018	< .0001
Wave 1 Poor self-control →		Negative emotionality Age 11		-0.055	0.025	0.028
Wave 1 Poor self-control →		Rate of change in poor self-control Ages 10–12 (Slope)		0.166	0.057	0.004
Wave 1 Poor self-control →		Rate of change in poor self-control Ages 12–14 (Slope)		0.08	0.029	0.006
Wave 1 Poor self-control →		Rate of change in harsh punishment Ages 10–14 (Slope)		0.101	0.045	0.026
Wave 1 Poor self-control →			BPD symptom severity Age 14 (Intercept)	0.013	0.039	0.743
Wave 1 Poor self-control →			Rate of change in BPD symptoms Ages 14–17 (Slope)	0	0.061	1
Wave 1 Negative emotionality →	Harsh punishment (Intercept)			0.039	0.019	0.043
Wave 1 Negative emotionality →	Poor Self-Control (Intercept)			0.101	0.021	< .0001
Wave 1 Negative emotionality →		Negative emotionality Age 11		0.404	0.017	< .0001
Wave 1 Negative emotionality →		Rate of change in poor self-control Ages 10–12 (Slope)		0.06	0.045	0.19
Wave 1 Negative emotionality →		Rate of change in poor self-control Ages 12–14 (Slope)		0.012	0.026	0.659
Wave 1 Negative emotionality →		Rate of change in harsh punishment Ages 10–14 (Slope)		-0.008	0.035	0.817
Wave 1 Negative emotionality →			BPD symptom severity Age 14 (Intercept)	0.038	0.034	0.26
Wave 1 Negative emotionality →			Rate of change in BPD symptoms Ages 14–17 (Slope)	-0.022	0.049	0.659
	Harsh punishment (Intercept) →	Negative emotionality Age 11		0.087	0.031	0.005
	Harsh punishment (Intercept) →	Rate of change in poor self-control Ages 10–12 (Slope)		0.144	0.082	0.078
	Harsh punishment (Intercept) →	Rate of change in poor self-control Ages 12–14 (Slope)		-0.056	0.039	0.153
	Harsh punishment (Intercept) →	Rate of change in harsh punishment Ages 10–14 (Slope)		-0.275	0.059	< .0001
	Harsh punishment (Intercept) →		BPD symptom severity Age 14 (Intercept)	0.076	0.046	0.098
	Harsh punishment (Intercept) →		Rate of change in BPD symptoms Ages 14–17 (Slope)	0.071	0.066	0.278
	Poor self-control (Intercept) →	Negative emotionality Age 11		0.314	0.029	< .0001
	Poor self-control (Intercept) →	Rate of change in poor self-control Ages 10–12 (Slope)		-0.475	0.079	< .0001
	Poor self-control (Intercept) →	Rate of change in poor self-control Ages 12–14 (Slope)		-0.541	0.038	< .0001
	Poor self-control (Intercept) →	Rate of change in harsh punishment Ages 10–14 (Slope)		0.005	0.059	0.931
	Poor self-control (Intercept) →		BPD symptom severity Age 14 (Intercept)	0.243	0.056	< .0001
	Poor self-control (Intercept) →		Rate of change in BPD symptoms Ages 14–17 (Slope)	-0.067	0.084	0.425
		Negative emotionality Age 11 →	Rate of change in poor self-control Ages 12–14 (Slope)	-0.061	0.022	0.005
		Negative emotionality Age 11 →	BPD symptom severity Age 14 (Intercept)	0.078	0.035	0.026
		Negative emotionality Age 11 →	Rate of change in BPD symptoms Ages 14–17 (Slope)	0.004	0.05	0.936
		Rate of change in poor self-control Ages 10–12 (Slope) →	BPD symptom severity Age 14 (Intercept)	0.176	0.073	0.016
		Rate of change in poor self-control Ages 10–12 (Slope) →	Rate of change in BPD symptoms Ages 14–17 (Slope)	-0.192	0.111	0.084
		Rate of change in poor self-control Ages 12–14 (Slope) →	BPD symptom severity Age 14 (Intercept)	-0.016	0.039	0.67
		Rate of change in poor self-control Ages 12–14 (Slope) →	Rate of change in BPD symptoms Ages 14–17 (Slope)	-0.022	0.057	0.701
		Rate of change in harsh punishment Ages 10–14 (Slope) →	BPD symptom severity Age 14 (Intercept)	0.078	0.053	0.144
		Rate of change in harsh punishment Ages 10–14 (Slope) →	Rate of change in BPD symptoms Ages 14–17 (Slope)	0.036	0.08	0.653

Note. Parameter estimates reflect the standardized effect of a predictor (left) on an outcome (right), as indicated by the arrow. Measures between ages 5-8 were based on caregiver report. From ages 10–14, harsh caregiving and poor self-control were caregiver-reported. BPD symptoms in adolescence were child-reported. Age 11 negative emotionality was caregiver-reported. Wave 1 refers to the first wave of data collection, which occurred between ages 5 and 8, depending on the cohort.