

Supplementary Material

Table S1. Model Fit Indices for Unconditional Latent Change Score (LCS) Models

							$\Delta\chi^2$ Difference Test		
		CFI	RMSEA	χ^2	df	p	$\Delta\chi^2_{M2-M1}$	df	p
PSI-PD	Constant Change	0.98	0.08	10.01	5	0.07	--	--	--
	Dual Change	1.00	0.00	2.49	4	0.65	7.52	1	< .01
	Dual Change with Homoscedastic Residual Variances	1.00	0.02	7.38	7	0.39	4.89	3	<i>n.s.</i>
PSI-DI	Constant Change	0.99	0.05	7.09	5	0.21	--	--	--
	Dual Change	1.00	0.04	5.02	4	0.28	2.07	1	<i>n.s.</i>
	Constant Change with Homoscedastic Residual Variances	0.93	0.11	23.89	8	0.00	16.8	3	< .01
PSI-DC	Constant Change	0.98	0.08	10.26	5	0.07	--	--	--
	Dual Change	0.98	0.09	9.58	4	0.05	0.68	1	<i>n.s.</i>
	Constant Change with Homoscedastic Residual Variances	0.96	0.10	20.68	8	0.01	10.42	3	< .05
APQ-INV	Constant Change	1.00	0.00	4.91	5	0.43	--	--	--
	Dual Change	1.00	0.00	1.99	4	0.74	2.92	1	<i>n.s.</i>
	Constant Change with Homoscedastic Residual Variances	0.96	0.10	22.54	8	0.00	17.63	3	< .01

Note. PSI-PD = Parenting Stress Index - Parental Distress Subscale. PSI-DI = Parenting Stress Index - Dysfunctional Interaction. PSI-DC = Parenting Stress Index - Difficult Child. APQ-Inv = Alabama Parenting Questionnaire - Involvement Subscale.

Dual change parameters are retained when a chi square difference test reveals a significant improvement in model fit; equality constraints on residual variances are retained when a chi square difference test reveals no significant decrement in model fit.

Results in **bold** indicate retained models.

Table S2. Model Fit Indices for Bivariate Latent Change Score Models

							$\Delta\chi^2$ Difference Test		
		CFI	RMSEA	χ^2	df	p	$\Delta\chi^2_{M2-M1}$	df	p
PSI-PD with APQ-INV	No Coupling	0.96	0.08	49.83	24	0.00			
	Y on X	0.97	0.07	44.08	23	0.01	5.75	1	< .05
	X on Y	0.96	0.08	48.38	23	0.00	1.45	1	<i>n.s.</i>
	Full Coupling	0.96	0.08	43.66	22	0.00	6.17	2	< .05
PSI-DI with APQ-INV	No Coupling	0.98	0.06	35.03	22	0.04			
	Y on X	0.98	0.06	35.03	21	0.03	0.00	1	<i>n.s.</i>
	X on Y	0.98	0.06	33.39	21	0.04	1.64	1	<i>n.s.</i>
	Full Coupling	--	--	--	--	--	--	--	--
PSI-DC with APQ-INV	No Coupling	0.97	0.07	40.15	22	0.01			
	Y on X	0.97	0.07	40.14	21	0.01	0.01	1	<i>n.s.</i>
	X on Y	0.97	0.07	39.54	21	0.01	0.61	1	<i>n.s.</i>
	Full Coupling	--	--	--	--	--	--	--	--

Note. Dashed lines (--) indicate models that were not tested due to computational convergence issues.