

Table 2

*Model fit statistics from baseline model to fully constrained model for common paths to ASD and PTSD severity.*

Model	Chi2 (df) <i>p</i>	CFI	TLI	AIC	BIC	RMSEA	SRMR
<b>Baseline model</b>	337.56 (95) .0000	.92	.86	39419.96	39829.09	.076	.038
<b>Single constraints</b>							
Model 1 (a=b)	339.87 (95) .0000	.92	.86	39419.96	39825.01	.076	.038
Model 2 (c=d)	338.87 (95) .0000	.92	.86	39418.00	39823.03	.076	.038
Model 3 (e=f)	342.25 (95) .0000	.92	.86	39422.08	39827.12	.076	.038
Model 4 (g=h)	338.28 (95) .0000	.92	.86	39418.30	39823.34	.076	.038
Model 5 (i=j)	365.37 (95) .0000	.91	.85	39453.91	39858.95	.080	.042
Model 6 (k=l)	337.77 (95) .0000	.92	.86	39418.47	39823.51	.075	.038
Model 7 (m=n)	338.57 (95) .0000	.92	.86	39149.38	39824.42	.076	.038
Model 8 (o=p)	339.62 (95) .0000	.92	.86	39419.99	39825.03	.076	.038
Model 9 (q=r)	339.02 (95) .0000	.92	.86	39418.82	39823.86	.076	.038
Model 10 (s=t)	339.81 (95) .0000	.92	.86	39421.22	39826.26	.076	.038
<b>Multiple constraints</b>							
Model 11 – two constraints (c=d) (g=h)	339.58 (97) .0000	.92	.86	39416.34	39817.29	.075	.038
Model 12 – three constraints (c=d) (g=h) (k=l)	339.80 (98) .0000	.92	.87	39414.86	39811.72	.075	.038
Model – 13 four constraints	341.05 (99) .0000	.92	.87	39413.67	39806.43	.074	.038

(c=d) (g=h) (k=l) (q=r)								
Model 14 – four constraints	342.13 (100)	.0000	.92	.87	3913.09	39801.77	.074	.038
(c=d) (g=h) (k=l) (m=n) (q=r)								
Model 15 – five constraints	343.77 (101)	.0000	.92	.87	39412.36	39796.94	.074	.038
(a=b) (c=d) (g=h) (k=l) (m=n) (q=r)								
Model 16 – seven constraints	346.64 (102)	.0000	.92	.87	39413.30	39793.79	.074	.039
(a=b) (c=d) (g=h) (k=l) (m=n) (o = p) (q=r)								
Model 17 – eight constraints	345.27 (103)	.0000	.92	.87	39412.31	39788.71	.073	.039
(a=b) (c=d) (g=h) (k=l) (m=n) (o = p) (q=r) (s=t)								
Model 18 – nine constraints	350.46 (104)	.0000	.92	.87	39415.44	39787.71	.073	.039
(a=b) (c=d) (e=f) (g=h) (k=l) (m=n) (o=p) (q=r)								
(s=t)								
<b>Fully constrained model</b>	405.51 (105)	.0000	.90	.84	39484.57	39852.78	.080	.068
(a=b) (c=d) (e=f) (g=h) (i=j) (k=l) (m=n) (o=p)								
(q=r) (s=t)								

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*Note.* CFI (Comparative Fit Index), TLI (Tucker-Lewis Fit Index), AIC (Akaike’s Information Criterion), BIC (Bayesian Information Criterion), RMSEA (Root Mean Square Error of Approximation), and the SRMR (standardized root mean squared residual).