



Supplemental Figure 1. Elbow plot displaying within-group sum of squares for cluster solutions $k = 1:14$.

Table S1. Summary of initially specified regression models (for PSI Child and Parent Domains) including all explanatory variables tested simultaneously

Estimated Parameters	PSI Child Domain (child-related stress)	PSI Parent Domain (non-child-related stress)
	β (Standard Error), p value	β (Standard Error), p value
Intercept	33.94 (12.85), $p = 0.01$	75.96 (15.9), $p < 0.001$
Diagnosis	1.54 (2.27), $p = 0.49$	-17.38 (5.3), $p = 0.002$
CBCL Externalizing Behavior	0.47 (0.13), $p = 0.0005$	0.04 (0.2), $p = 0.82$
CBCL ASD T-score	0.17 (0.1), $p = 0.07$	0.09 (0.1), $p = 0.48$
CBCL ADHD T-score	-0.004 (0.2), $p = 0.97$	0.05 (0.3), $p = 0.82$
CBCL Oppositional T-score	-0.22 (0.1), $p = 0.14$	-----
Vineland Communication	-0.08 (0.06), $p = 0.18$	-0.11 (0.1), $p = 0.26$
Vineland Socialization	-0.03 (0.1), $p = 0.71$	-0.05 (0.1), $p = 0.71$
SCQ Total score	0.06 (0.1), $p = 0.67$	0.35 (0.2), $p = 0.08$
PSI Parent Domain	0.05 (0.1), $p = 0.57$	-----
Child Age	-0.02 (0.1), $p = 0.63$	-0.15 (0.1), $p = 0.08$
Child Sex/Gender	1.40 (1.5), $p = 0.36$	0.71 (2.2), $p = 0.74$
Ethnicity	-3.12 (1.5), $p = 0.04$	0.08 (2.4), $p = 0.97$
Parent Marital Status	-----	5.42 (2.76), $p = 0.06$
INR (Income to Needs Ratio)	-----	-3.85 (1.4), $p = 0.007$
INR x Diagnosis interaction	-----	2.70 (0.8), $p = 0.003$
Number of Children at Home	0.86 (0.8), $p = 0.27$	-----
Overall Model Fit (F, R², p-value)	23.83, 0.80, $p < 0.0001$	3.44, 0.51, $p = 0.0008$

Note. Initial regression models, implemented for model specification, with all variables showing significant bivariate associations with parental stress (for child- and parent-related parental stress, separately) included as explanatory variables. Final regression models are summarized in Table 2.