**Supplemental Information**

**Measures**

* **PHQ-9:** 9 items, 0 (never) – 3 (most times). Higher scores—higher depressive symptoms.
* **GAD-7:** 7 items, 0 (never) – 3 (most days). Higher scores—higher anxiety symptoms.
* **BRIEF-P:** 63 items, 1 (never) – 3 (often). Higher scores—lower EF. Last 11 items not administered due to software issues.

**Results**

***Figure 1.***

Stability of centrality indices. Closeness = .673; Strength = .517

Chart, line chart

Description automatically generated

***Figure 2.***

Bootstrapped network. Darker edges represent the edge has a greater probability of being present in network. PHQ-9 symptoms are associated with EMI & flexibility, GAD symptoms have no direct associations with child EF.

Diagram

Description automatically generated

***Figure 3.***

Bootstrapped differences between node strengths. Black boxes represent significant differences. White boxes in the middle show the value of raw node strength. Not many GAD symptoms were significantly different from other nodes. PHQ sleep and appetite were significantly different from GAD symptoms.

A black and white checkered surface

Description automatically generated with low confidence