

Description of Additional Supplementary Files

Supplementary Data 1. Item frequencies

Supplementary Data 2a. Base models fit indices

Supplementary Data 2b. Base models comparison

Supplementary Data 3a. Standardized loadings - second-order model

Supplementary Data 3b. (Residual) variances - second-order model

Supplementary Data 3c. Standardized loadings - bifactor model

Supplementary Data 3d. (Residual) variances - bifactor model

Supplementary Data 4a. Polygenic-P PGS loadings – Child

Supplementary Data 4b. PC1 PGS loadings – Child

Supplementary Data 4c. Polygenic-P PGS loadings – Mother

Supplementary Data 4d. PC1 PGS loadings – Mother

Supplementary Data 4e. Polygenic-P PGS loadings – Father

Supplementary Data 4f. PC1 PGS loadings – Father

Supplementary Data 5. Model comparisons

Supplementary Data 6. Model comparisons - symptom heterogeneity

Supplementary Data 7. PGS results - trio models

Supplementary Data 8. PGS results – Child

Supplementary Data 9. PGS results – Parents

Supplementary Data 10. Shrinkage

Supplementary Data 11. Internal Consistency

Supplementary Data 12. PGS results - ADHD items trio models

Supplementary Data 13. PGS results - CPAIN items trio models

Supplementary Data 14. GWAS summary statistics