

Identifying Depression Profiles in Youth with Autism, ADHD, Intellectual Disability, and Typical Development

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Depression presents in distinct, clinically meaningful patterns that differ across youth with neurodevelopmental conditions and typical development.

Background

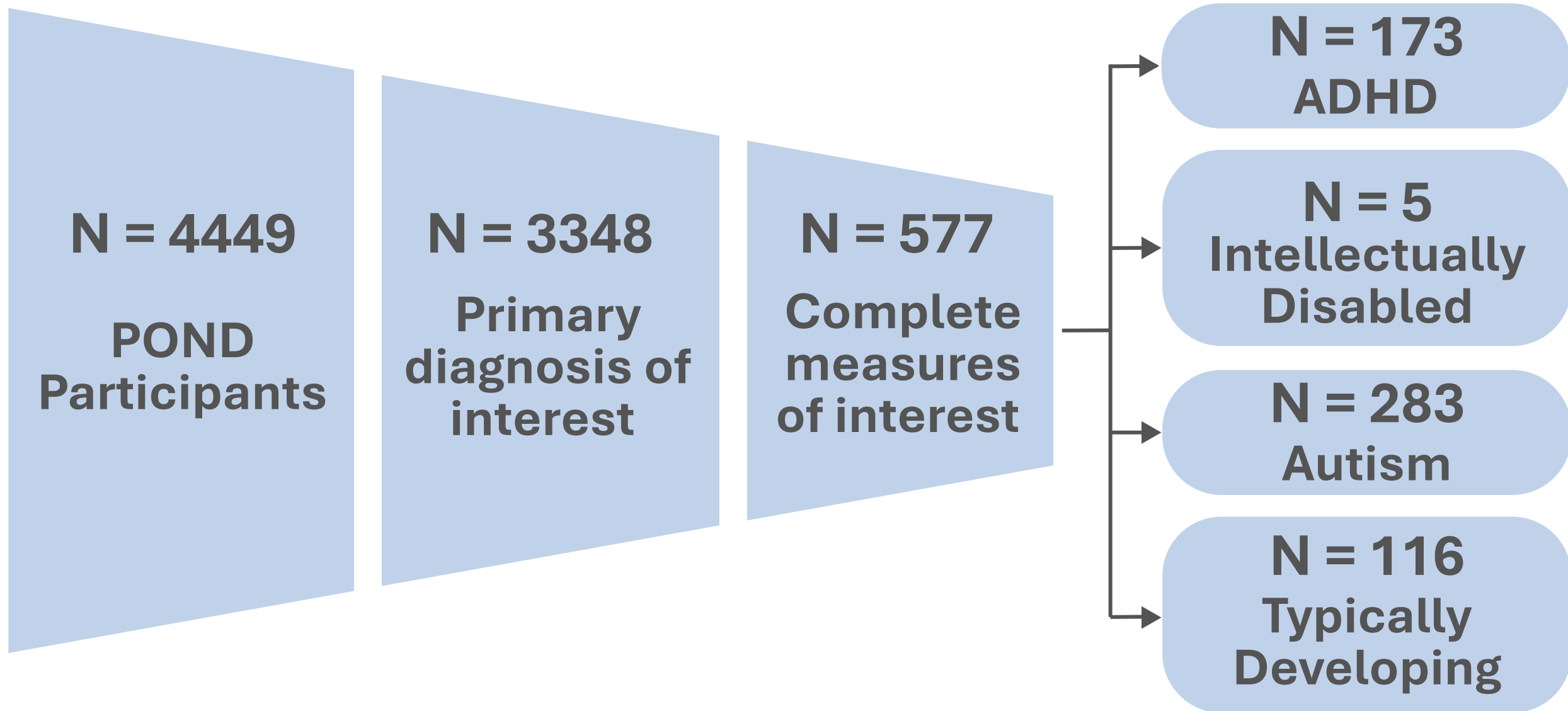
Depression is more common among youth with neurodevelopmental conditions than among typically developing youth, but its symptom presentation often differs. Whether these differences reflect distinct or shared depression profiles across diagnoses remains unclear.

Research Question

Do distinct depression profiles exist across autistic, ADHD, intellectually disabled, and typically developing youth?

Methods

Participants



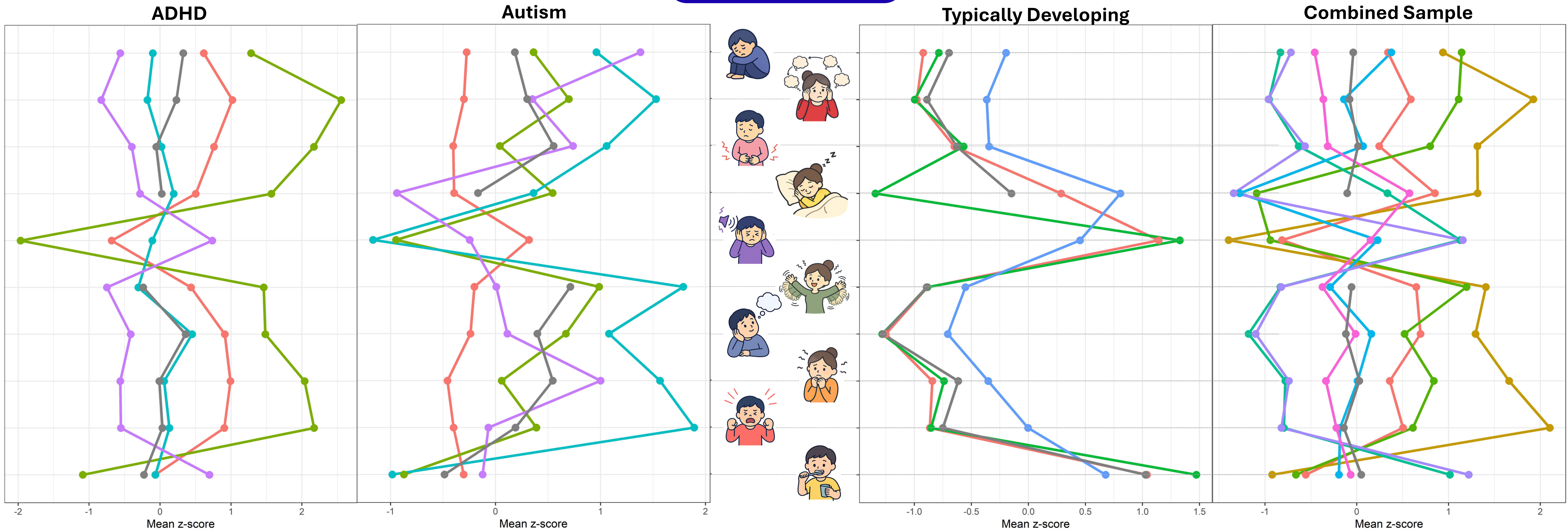
Analysis

- 1) Correlation matrix of domain measures
- 2) Latent profile analysis (LPA) by diagnostic group. Intellectually disabled group (n = 5) excluded from group-specific LPA due to small sample size.
- 3) LPA for across all diagnostic groups
- 4) Impact of predictors
- 5) Mapping onto severity of ADHD and autistic traits

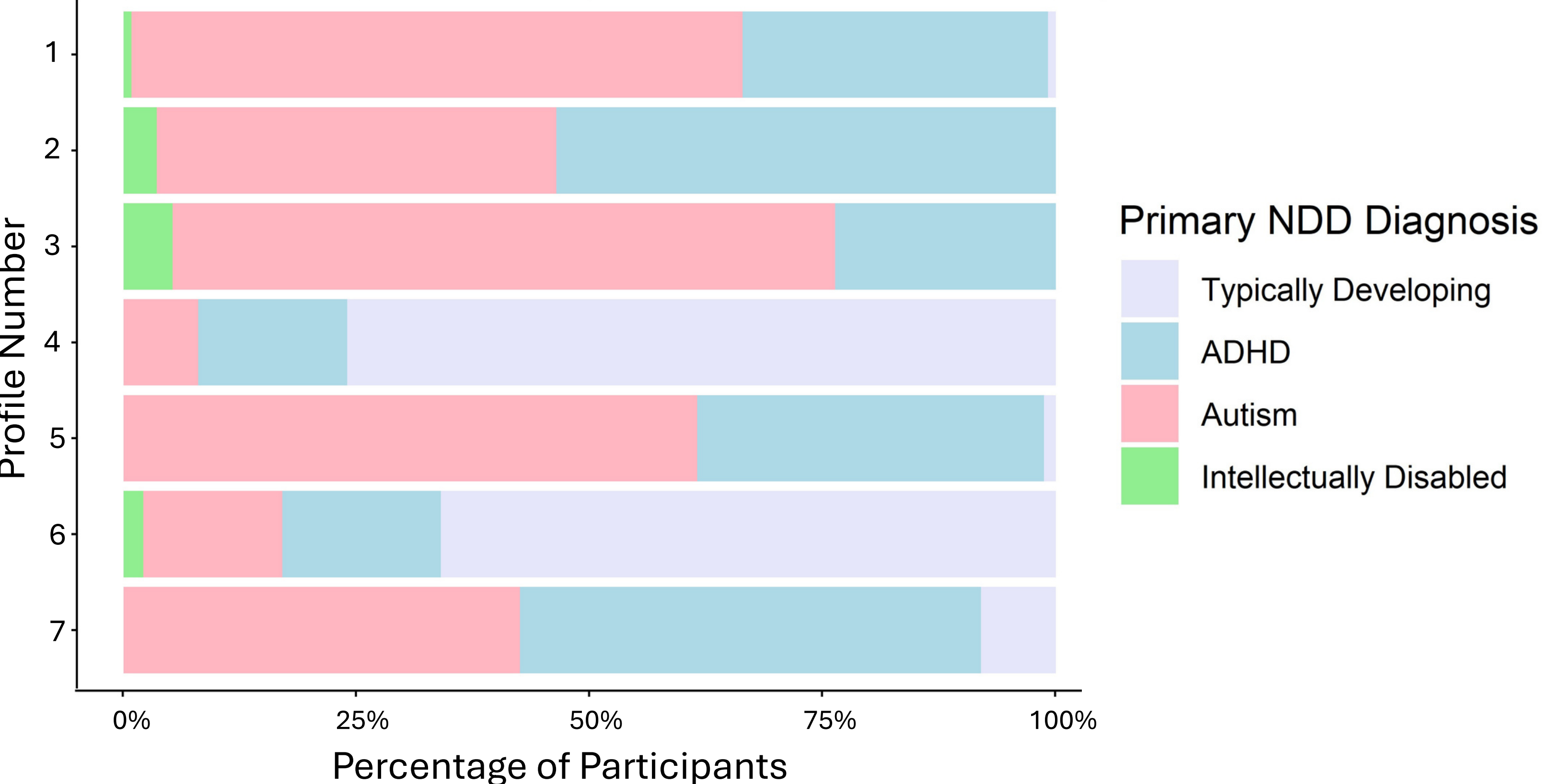
Measures

- Depression/Anxiety** CBCL, ABCL, ASR
- Thought Problems** CBCL, ABCL, ASR
- Somatic Complaints** CBCL, ABCL, ASR
- Sleep** CSHQ, PSQI
- Sensory Sensitivities** SSP
- Restricted & Repetitive Behaviours** RBS-R
- Attention Problems** CBCL, ABCL, ASR
- Anxious/Depressed** CBCL, ABCL, ASR
- Aggression** CBCL, ABCL, ASR
- Adaptive Behaviours** ABAS-II
- Other Measures Used** ADOS, SWAN, RCADS, WASI, Leiter R, WISC, Stanford Binet

Results



Latent Depression Profiles for the Combined Sample



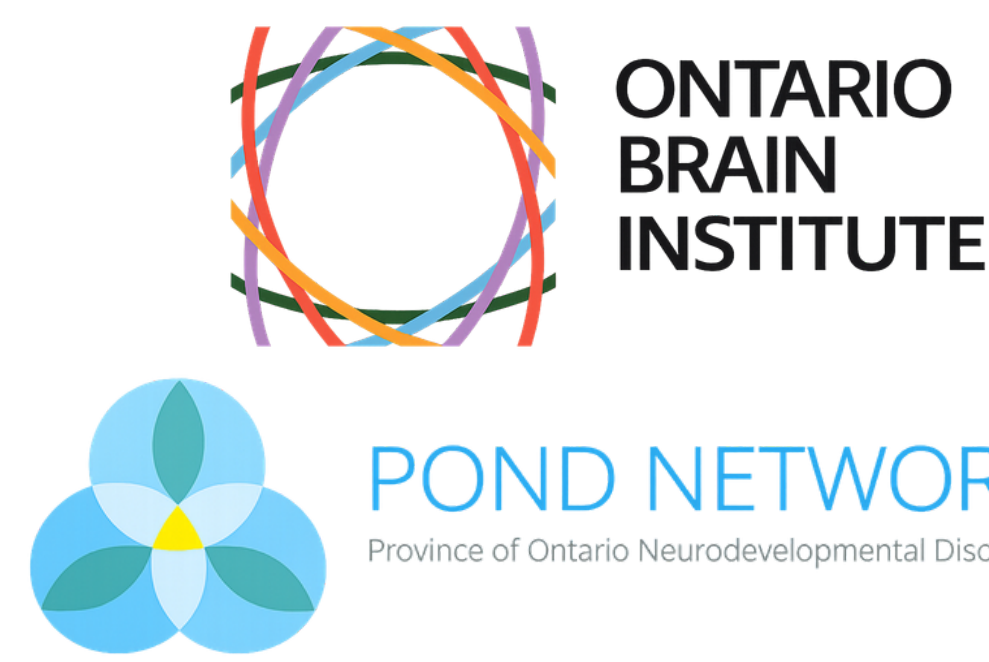
Conclusion & Relevance

Depression-related symptoms clustered into several profiles that cut across diagnostic boundaries, differing in pattern as well as severity. Age, sex, and presence of a co-occurring condition predicted profile membership, suggesting these transdiagnostic patterns are systematically, not randomly, distributed.

These findings may help to inform more precise screening and transdiagnostic interventions for co-occurring depression in youth with neurodevelopmental conditions.



Find references here



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