Supplementary Figures

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1 Supplementary Figures

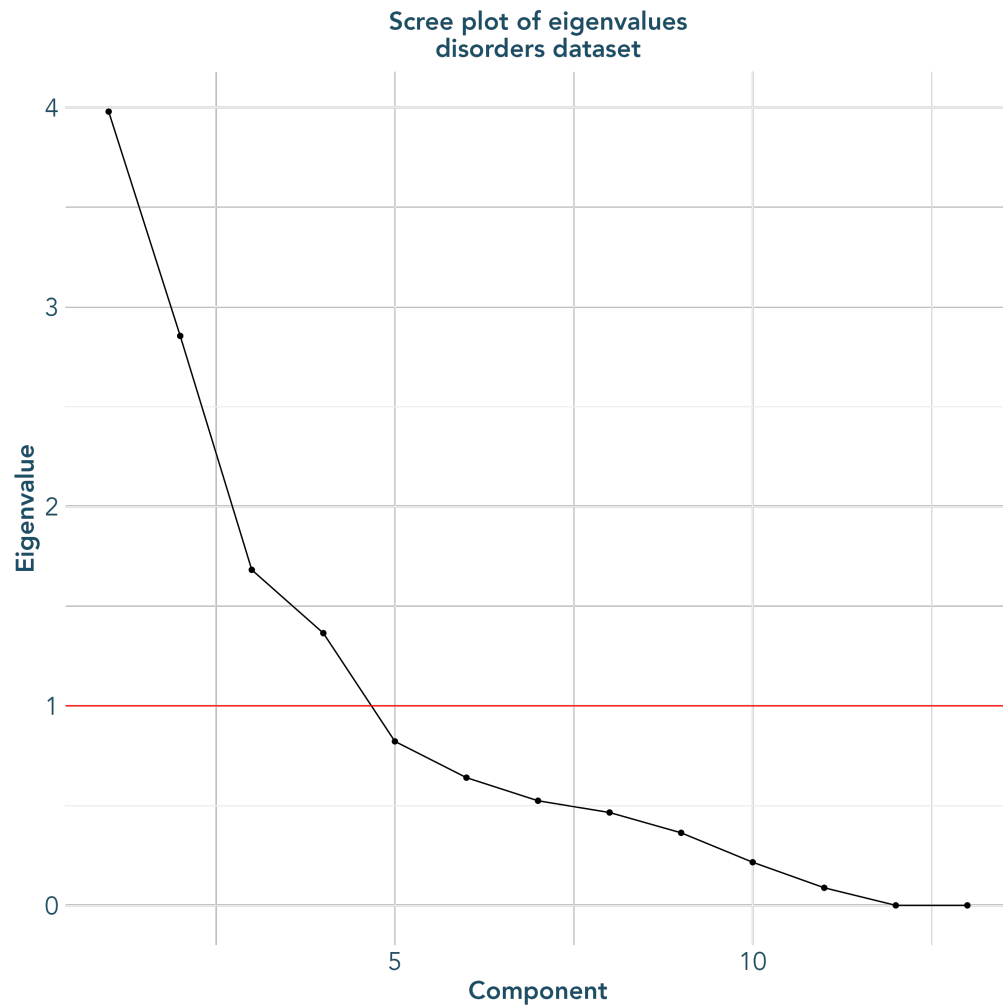## 1.1 Figure S1. Scree plot of eigenvalues

Figure 1: *Scree plot of eigenvalues from the LDSC-derived genetic correlation matrix.* Blue points/lines show observed eigenvalues; the red dashed line marks the Kaiser threshold. The elbow occurs around the 3rd component, suggesting diminishing returns after 3 factors.
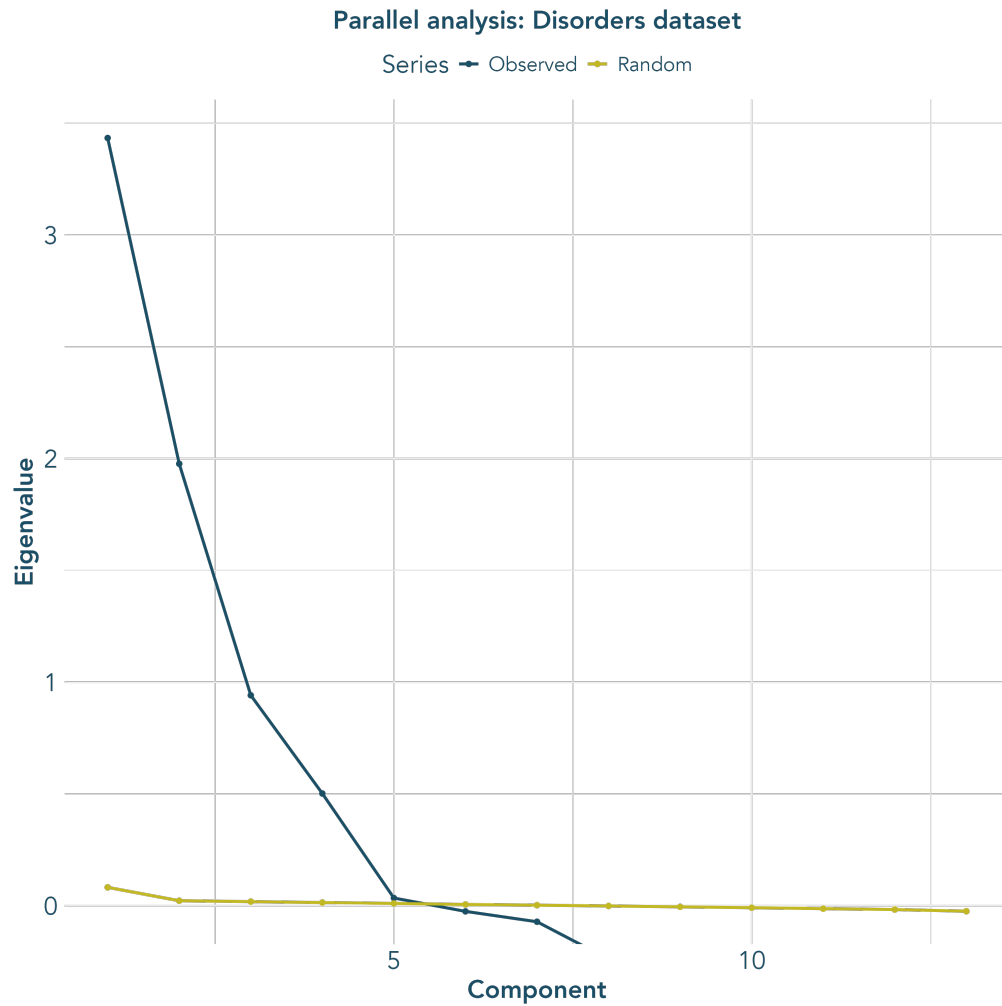
1.2 Figure S2. Parallel analysis

Figure 2: *Parallel analysis results for the LDSC-derived genetic correlation matrix of the disorders dataset.* Observed eigenvalues (blue) exceeded simulated random eigenvalues (yellow) through approximately the fifth component, although the incremental variance beyond the third factor was minimal.
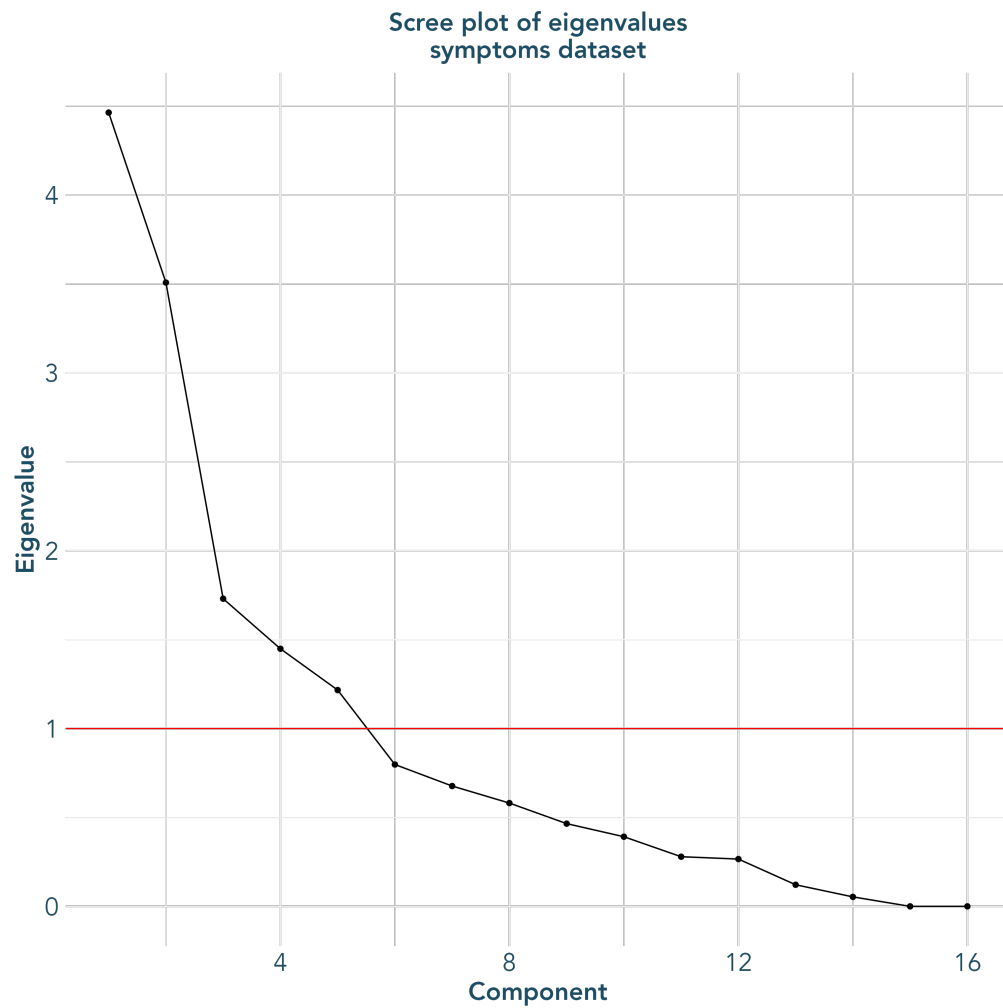
1.3 Figure S3. Scree plot: Symptoms

Figure 3: *Scree plot of eigenvalues from the LDSC-derived genetic correlation matrix.* Blue points/lines show observed eigenvalues; the red dashed line marks the Kaiser threshold.

1.4 Figure S4. Parallel Analysis
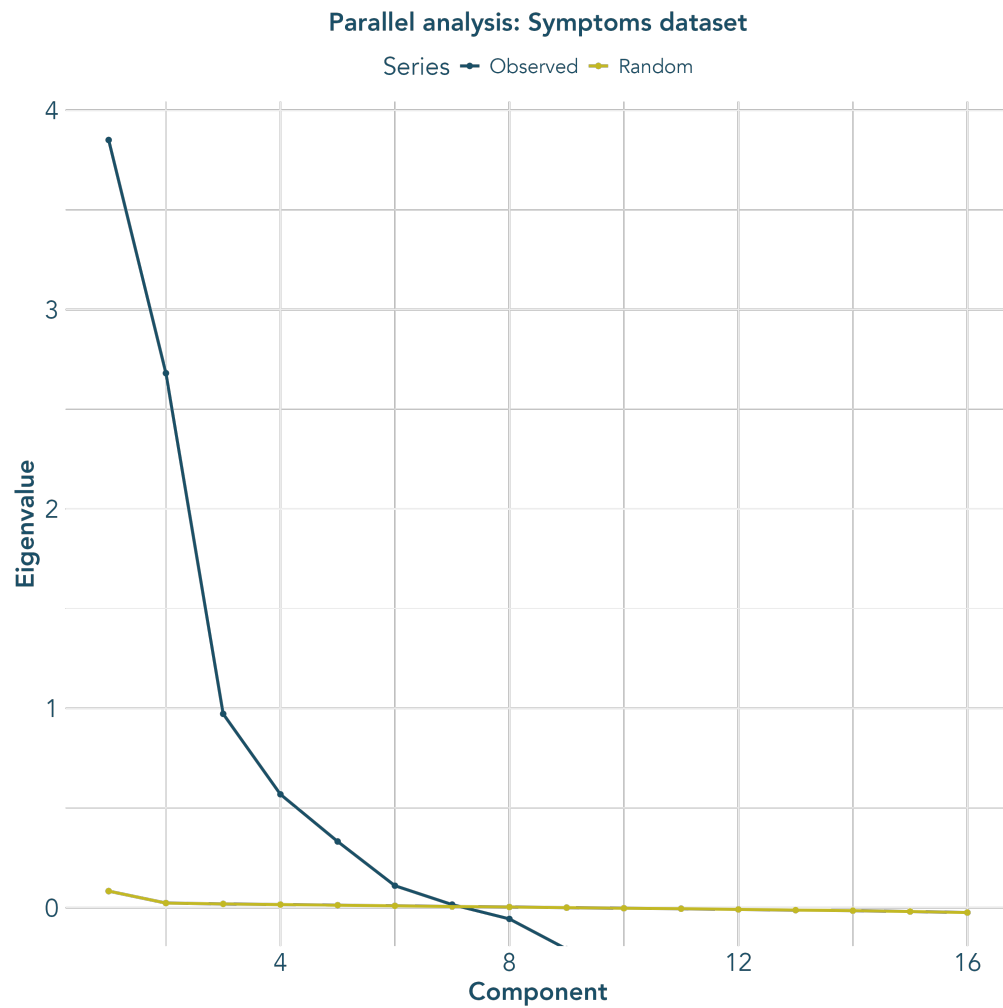
Parallel analysis: Symptoms dataset

Figure 4: *Parallel analysis results for the LDSC-derived genetic correlation matrix of the disorders dataset.* Observed eigenvalues (blue) exceeded simulated random eigenvalues (yellow) through approximately the sixth component, although the incremental variance explained beyond the third factor was minimal.