Supplementary Materials

Mapping Network Connectivity among Symptoms of Social Anxiety and Comorbid Depression in People with Social Anxiety Disorder

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Accuracy of the edge weights

To estimate the accuracy of the edge weights, we used a non-parametric bootstrap approach to calculate 95% confidence intervals (CIs) for the edges by sampling the data with 1,000 replacements, calculating edges to create a distribution of the edges weights (i.e., regularized partial correlation coefficients between node pairs) values. We accomplished this via the R package bootnet (Epskamp et al., 2017) which displays the sampling variation. The bootstrapped CIs for the edges indicate that the edges are fairly stable, several edges exhibit values significantly different than zero (Figures S1).
Figure S1. Bootstrapped confidence intervals of estimated edge weights for the graphical lasso network. The red line indicates the sample values and the gray area the 95% confidence intervals.
References