

Supplementary Materials

Deconstructing Trait Anxiety: A Network Perspective

Alexandre Heeren^{a,b,c}, Emily E. Bernstein^a, & Richard J. McNally^a

^a Department of Psychology, Harvard University, Cambridge, MA, USA

^b Psychological Science Research Institute, Université Catholique de Louvain,
Louvain-la-Neuve, Belgium

^c Institute of Neuroscience, Université Catholique de Louvain, Brussels, Belgium

Distribution of the trait anxiety item

For each item, mean, standard deviation, skewness, and kurtosis appear in *Table S1*.

Accuracy of the edge weights

Figure S1 depicts the bootstrapped CIs for the edges. *Figure S2* depicts the results of the bootstrapped difference test for significant differences between edge-weights.

Stability of the Centrality Metrics

Figures S3 depicts the results regarding the stability of the centrality metrics from the person-dropping bootstraps procedure.

Table S1. Means (*M*), standard deviations (*SD*), skewness, and kurtosis of each node.

Item	M	SD	Skewness	Kurtosis
i1	1.95	.652	.303	.208
i2	2.30	.728	.131	.233
i3	2.20	.745	.215	.238
i4	2.49	.908	.056	-.786
i5	2.03	.971	.383	.080
i6	2.64	.823	-.036	-.569
i7	2.29	.784	.070	-.478
i8	2.12	.879	.208	-.890
i9	2.72	.883	-.231	-.659
i10	2.16	.859	.075	-.956
i11	2.11	.912	.439	.628
i12	2.15	.837	.478	-.224
i13	2.20	.914	.241	.829
i14	2.18	.856	.351	-.483
i15	2.52	.842	-.049	.583
i16	2.09	.795	.244	-.551
i17	2.42	.858	.159	-.599
i18	2.01	.917	.617	-.441
i19	2.37	.889	.042	.770
i20	2.23	.936	.308	.787

Note. i1= “I feel pleasant” (reverse scored); i2 = “I feel nervous and restless”; i3 = “I feel satisfied with myself” (reverse scored); i4 = “I wish I could be as happy as other seems to be”; i5 = “ I felt like a failure”; i6 = “I feel rested” (reverse scored); i7 = “I am calm, cool, and collected” (reverse scored); i8 = “I feel that difficulties are piling up so that I cannot overcome them”; i9 = “I worry too much over something that really doesn’t matter”; i10 = “ I am happy” (reverse scored); i11 = “I have disturbing thoughts”; i12 = “I lack self-confidence”; i13 = “ I feel secure” (reverse scored); i14 = “I make decisions easily” (reverse scored); i15 = “I feel inadequate”; i16 = “I am content” (reverse scored); i17 = “ Some unimportant thought runs through my mind and bothers me”; i18 = “ I take disappointments so keenly that I can’t put them out of my mind”; i19 = “I am a steady person” (reverse scored); i20 = “ I get in a state of tension or turmoil as I think over my recent concerns and interests”.

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.

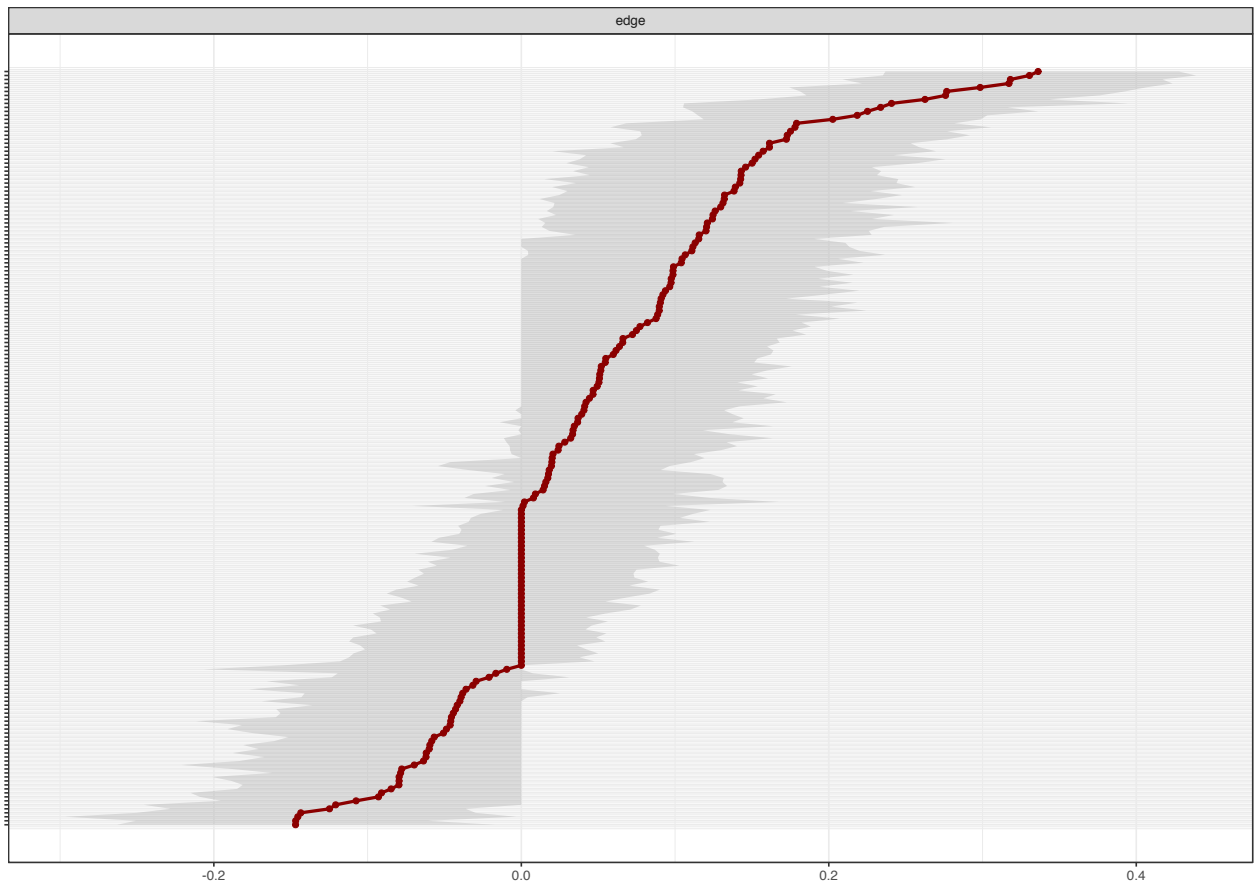
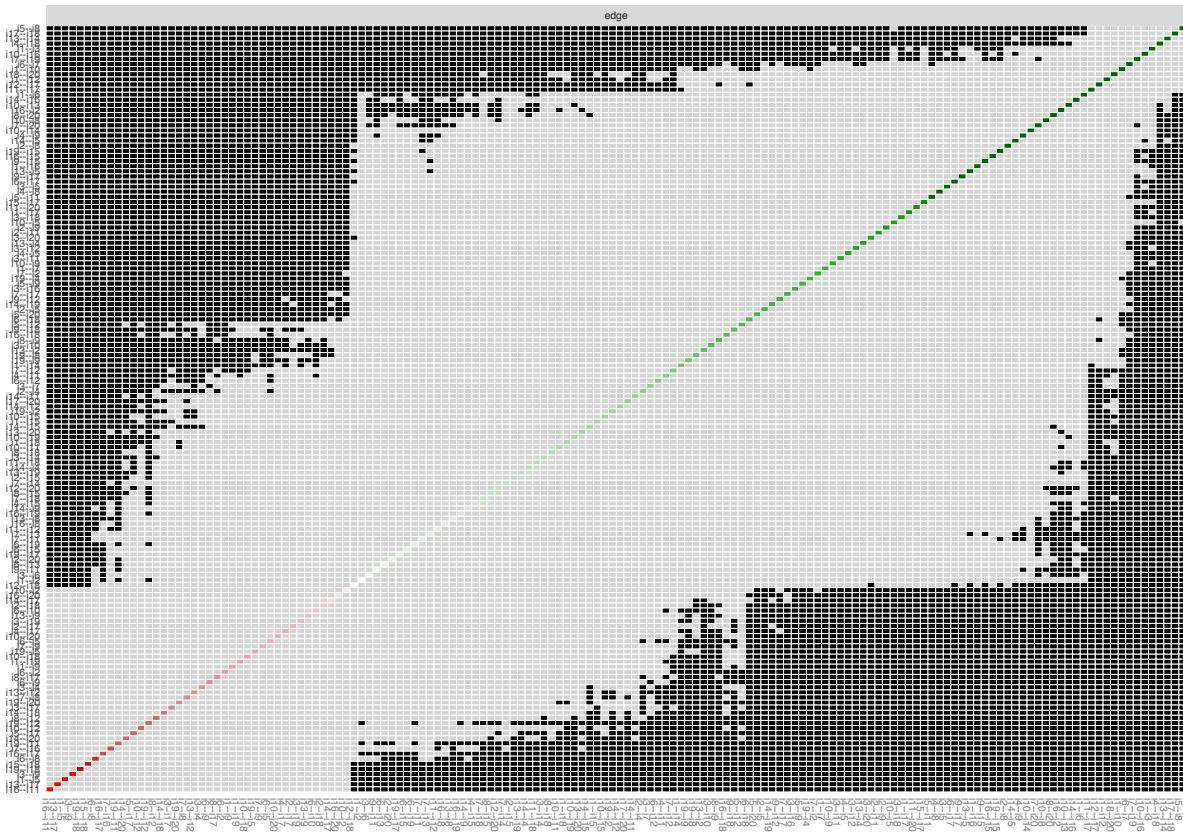


Figure S2. Bootstrapped difference tests ($\alpha = 0.05$) between edge-weights that were non-zero in the estimated network. Gray boxes indicate edges that do not differ significantly from one another and black boxes represent edges that do differ significantly from one another. Colored boxes correspond to the color the edge in the graphical LASSO network.



Note. i1 = “I feel pleasant” (reverse scored); i2 = “I feel nervous and restless”; i3 = “I feel satisfied with myself” (reverse scored); i4 = “I wish I could be as happy as other seems to be”; i5 = “I feel like a failure”; i6 = “I feel rested” (reverse scored); i7 = “I am calm, cool, and collected” (reverse scored); i8 = “I feel that difficulties are piling up so that I cannot overcome them”; i9 = “I worry too much over something that really doesn’t matter”; i10 = “I am happy” (reverse scored); i11 = “I have disturbing thoughts”; i12 = “I lack self-confidence”; i13 = “I feel secure” (reverse scored); i14 = “I make decisions easily” (reverse scored); i15 = “I feel inadequate”; i16 = “I am content” (reverse scored); i17 = “Some unimportant thought runs through my mind and bothers me”; i18 = “I take disappointments so keenly that I can’t put them out of my mind”; i19 = “I am a steady person” (reverse scored); i20 = “I get in a state of tension or turmoil as I think over my recent concerns and interests”.

Figure S3. Average correlation between centrality indices of the graphical LASSO network estimation sampled with persons dropped and the original sample.

