**Supplementary Materials**

**The results of impulsivity/compulsivity-PUI network**

1. Figure S1. Accuracy of edge weights
2. Figure S2. Bootstrapped difference test for edge weights
3. Figure S3. Stability of node bridge expected influence
4. Figure S4. Bootstrapped difference test for node bridge expected influence

Graphical user interface

Description automatically generated with medium confidence

Figure S1. Accuracy of edge weights

*Note*: The red line depicts the sample edge weights and the gray bar depicts the bootstrapped confidence interval.

Chart

Description automatically generated

Figure S2. Bootstrapped difference test for edge weights

*Note*: Gray boxes indicate edge weights that do not differ significantly from one another, while black boxes indicate edge weights that do differ significantly. Blue and red boxes on the diagonal correspond to edge weights with positive and negative correlations, respectively.



Figure S3. Stability of node bridge expected influence

*Note*: The red bar represents the average correlation between node bridge expected influences in the full sample and subsample with the red area depicting the 2.5th quantile to the 97.5th quantile.

Chart, scatter chart

Description automatically generated

Figure S4. Bootstrapped difference test for node bridge expected influence

*Note*: Gray boxes indicate node bridge expected influences that do not differ significantly from one another, while black boxes indicate node bridge expected influences that do differ significantly.