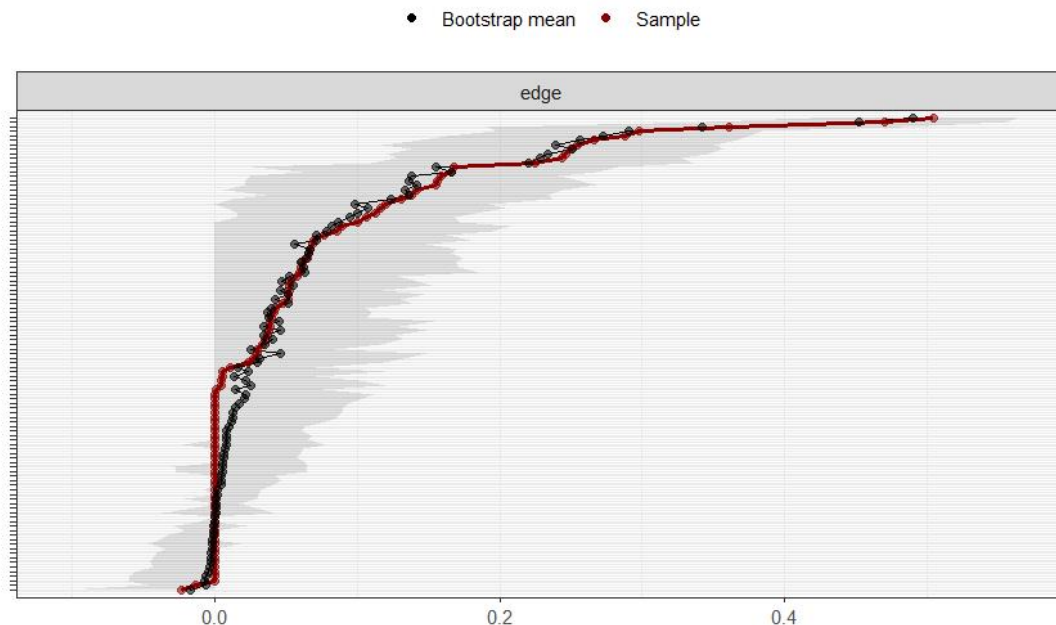


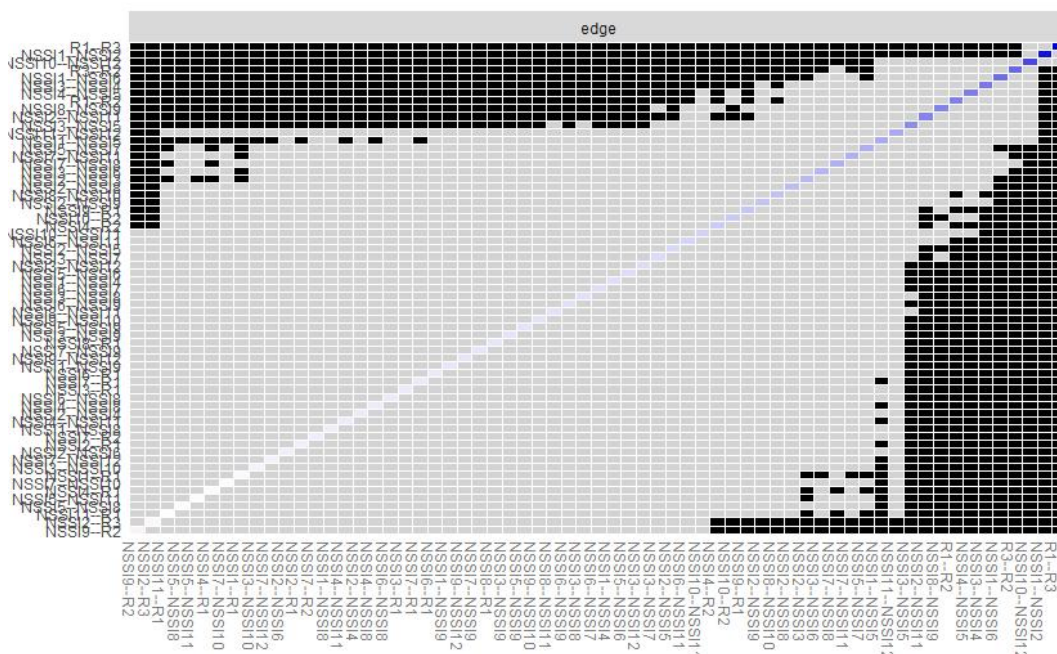
Supplementary Materials

Supplementary Table 1. All edges weights of network

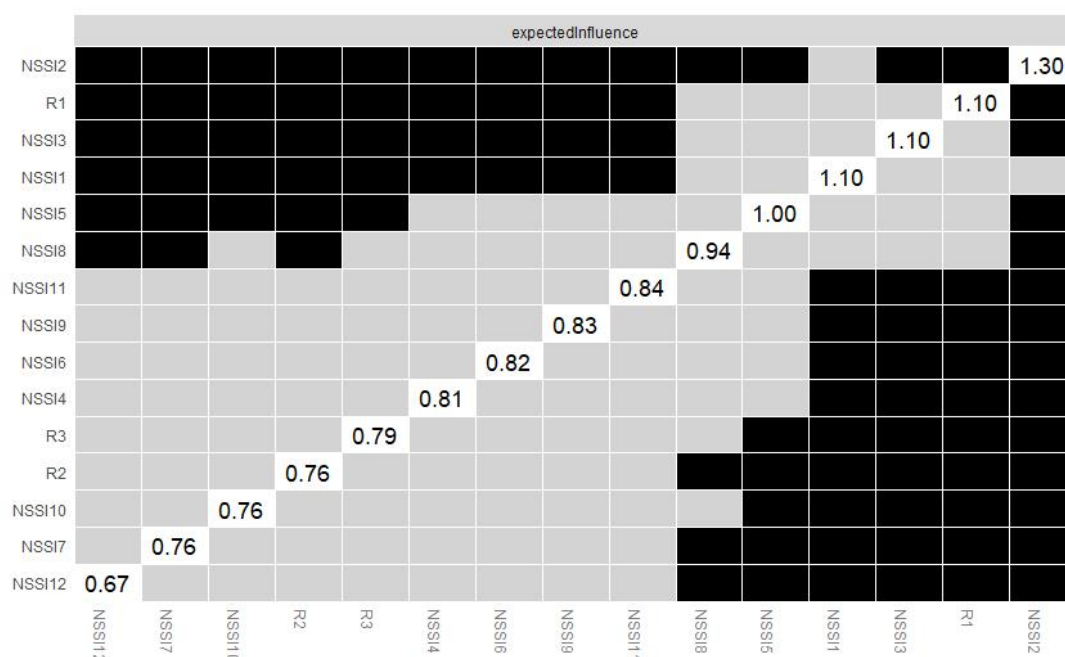
	NSSI 1	NSSI 2	NSSI 3	NSSI 4	NSSI 5	NSSI 6	NSSI 7	NSSI 8	NSSI 9	NSSI 10	NSSI1 1	NSSI 12	R1	R2	R3
NSSI1	0.00	0.48	0.00	0.06	0.17	0.33	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00
NSSI2	0.48	0.00	0.15	0.02	0.07	0.02	0.00	0.14	0.09	0.00	0.29	0.00	0.02	0.00	-0.02
NSSI3	0.00	0.15	0.00	0.27	0.22	0.14	0.10	0.02	0.06	0.05	0.00	0.03	0.03	0.00	-0.01
NSSI4	0.06	0.02	0.27	0.00	0.30	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00	0.10	0.00
NSSI5	0.17	0.07	0.22	0.30	0.00	0.07	0.17	0.00	0.02	0.02	0.02	0.00	0.00	0.00	0.00
NSSI6	0.33	0.02	0.14	0.00	0.07	0.00	0.04	0.02	0.08	0.00	0.08	0.00	0.05	0.00	0.00
NSSI7	0.00	0.00	0.10	0.00	0.17	0.04	0.00	0.17	0.09	0.00	0.13	0.00	0.06	0.02	0.00
NSSI8	0.04	0.14	0.02	0.05	0.00	0.02	0.17	0.00	0.27	0.13	0.06	0.00	0.05	0.00	0.00
NSSI9	0.00	0.09	0.06	0.00	0.02	0.08	0.09	0.27	0.00	0.18	0.00	0.08	0.09	-0.04	0.00
NSSI10	0.00	0.00	0.05	0.00	0.02	0.00	0.00	0.13	0.18	0.00	0.11	0.39	0.00	0.10	0.09
NSSI11	0.00	0.29	0.00	0.04	0.00	0.08	0.13	0.06	0.00	0.11	0.00	0.17	0.04	0.00	-0.02
NSSI12	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.08	0.39	0.17	0.00	-0.05	-0.01	0.00
R1	0.00	0.02	0.03	0.00	0.00	0.05	0.06	0.05	0.09	0.00	0.04	-0.05	0.00	0.25	0.49
R2	0.00	0.00	0.00	0.10	0.00	0.00	0.02	0.00	-0.04	0.10	0.00	-0.01	0.25	0.00	0.28
R3	0.00	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.09	-0.02	0.00	0.49	0.28	0.00



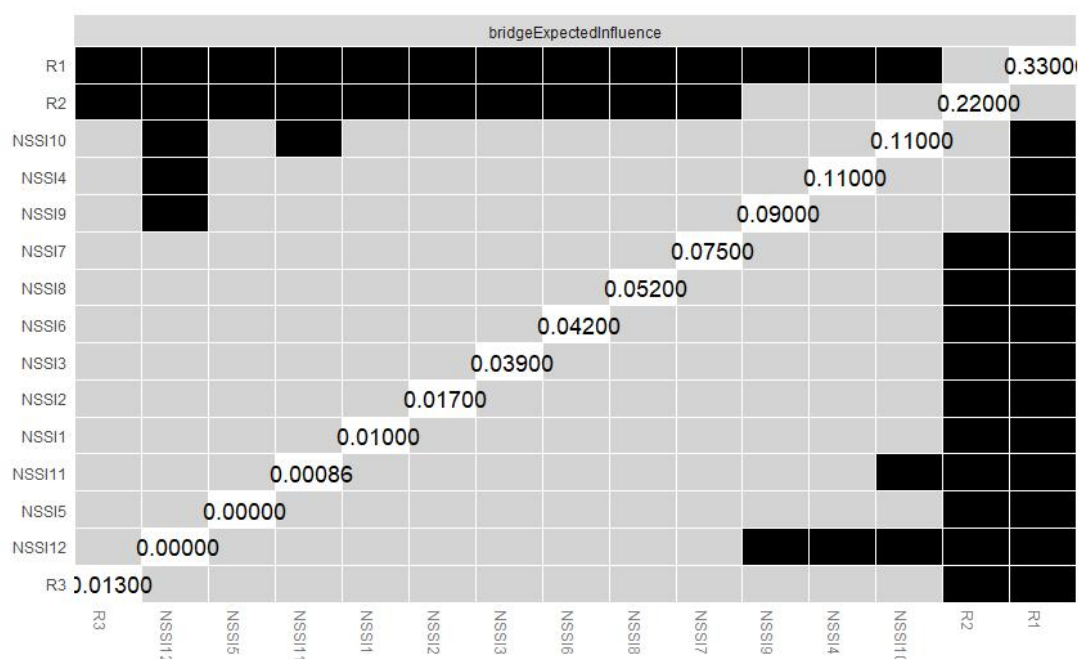
Supplementary Figure 1. Accuracy of edge weights. The red line depicts the sample edge weights and the gray bar depicts the bootstrapped confidence interval



Supplementary Figure 2. Bootstrapped difference test for edge weights. 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.



Supplementary Figure 3. Bootstrapped difference test for the expected influence. Gray boxes indicate the expected influence that do not differ significantly from one another, while black boxes indicate the expected influence that do differ significantly. The number in the white boxes (i.e., diagonal line) represent the value of the expected influence.



Supplementary Figure 4. Bootstrapped difference test for the bridge

expected influence

Note: Gray boxes indicate the bridge expected influence that do not differ significantly from one another, while black boxes indicate the bridge expected influence that do differ significantly. The number in the white boxes (i.e., diagonal line) represent the value of the bridge expected influence.