

Table S1. Centrality metrics for CS+UCS, CS-UCS, and UCS alone

Node	In-Degree	Out-Degree	Total Degree	Closeness	Betweenness
CS+UCS					
dmPFC	5	0	5	0	0
vmPFC	3	5	8	1.643	0
R dIPFC(1)	4	7	11	1.571	3.133
R dIPFC(2)	5	0	5	0	0
LdIPFC(1)	8	2	10	2.143	12.75
L dIPFC(2)	3	14	17	1	5.63
L dIPFC(3)	6	10	16	1.286	26.533
R IPL(1)	0	0	0	0	0
R IPL(2)	5	3	8	2.714	2.33
L IPL	5	12	17	1.143	7.433
R Insula	4	11	15	1.214	4.05
L Insula	6	8	14	1.429	10.133
R Amyg	4	0	4	0	0
L Amyg	5	0	5	0	0
PCC	5	0	5	0	0
CS-UCS					
dmPFC	6	3	9	1.786	1.183
vmPFC	4	6	10	1.571	0.533
R dIPFC(1)	6	0	6	0	0
R dIPFC(2)	5	7	12	1.5	1.933
L dIPFC(1)	5	0	5	0	0
L dIPFC(2)	3	14	17	1	2.15
L dIPFC(3)	5	6	11	1.571	2.167
R IPL (1)	5	0	5	0	0
R IPL(2)	5	0	5	0	0
L IPL	5	14	19	1	7.517
R Insula	4	9	13	1.357	1.917
L Insula	6	0	6	0	0
R Amyg	4	0	4	0	0
L Amyg	6	14	20	1	21.6
PCC	4	0	4	0	0
UCS alone					
dmPFC	3	10	13	1.286	49.283
vmPFC	5	1	6	2.857	31
R dIPFC(1)	3	3	6	3.857	1.167
R dIPFC(2)	3	0	3	0	0
L dIPFC(1)	5	3	8	2.643	3.283
L dIPFC(2)	3	1	4	3.571	20.2
L dIPFC(3)	3	10	13	1.286	6.25
R IPL(1)	4	0	4	0	0
R IPL(2)	5	3	8	2	53.083

L IPL	2	14	16	1	7.2
R Insula	3	8	11	1.429	2.783
L Insula	5	0	5	0	0
R Amyg	3	0	3	0	0
L Amyg	5	3	8	3.714	16.75
PCC	4	0	4	0	0

Abbreviations: L, left; R, right; dlPFC, dorsolateral prefrontal cortex; dmPFC, dorsomedial prefrontal cortex; vmPFC, ventromedial prefrontal cortex; Amyg, amygdala; IPL, inferior parietal lobule; PCC, posterior cingulate cortex.