

**Supplemental Table 1: Executive control network identified by spatial ICA**

Region	Females							Males						
	BA	R/L	X	Y	Z	t-score	p-value	BA	R/L	X	Y	Z	t-score	p-value
<b>Frontal</b>														
Superior frontal gyrus	8	R+L	0	29	49	4.47	2.34E-04	8	R>L	6	17	49	4.92	1.11E-04
Middle frontal gyrus	6	R	31	14	51	3.79	1.31E-03	6	R	24	9	59	6.61	3.00E-05
		L	-22	-1	55	3.80	1.30E-03							
	9	R	39	29	31	8.56	4.04E-08	9,46	R	41	42	28	8.04	2.28E-07
		L	-42	26	31	5.36	3.00E-05	9,46	L	-42	30	32	5.71	2.10E-05
	10	R	29	48	2	4.02	6.79E-04	10	R	25	62	10	3.52	2.47E-03
		L	-41	41	1	3.69	1.46E-03		L	-38	54	10	3.55	2.29E-03
Inferior frontal gyrus	46	R	45	39	7	6.33	3.00E-05	44,45	R	51	14	18	5.15	6.70E-05
		L	-47	41	13	3.17	4.80E-03							
<b>Parietal</b>														
Inferior parietal	40	R	39	-45	45	6.35	3.00E-06	39,40	R	54	-37	43	8.09	2.08E-07
		L	-49	-51	46	6.28	4.00E-06		L	-36	-58	37	6.09	9.00E-06
Precuneus	7,19	R	26	-74	35	3.37	3.09E-03	7,19	R	8	-70	31	4.23	5.03E-04
		L	-23	-76	42	3.82	1.06E-03		L	-12	-73	31	3.13	5.76E-03
<b>Temporal</b>														
Middle temporal gyrus	21	R	57	-49	-2	5.38	2.90E-05							
Inferior temporal gyrus	37	L	-44	-52	-13	4.16	4.82E-04	20	R	57	-37	-8	4.22	5.12E-04
<b>Limbic/paralimbic</b>														
PCC								23	R+L	-3	-34	25	3.72	1.55E-03
AI								13	R	31	20	8	3.92	1.00E-03
<b>Subcortical</b>														
Medial dorsal nucleus									R	6	-16	12	3.67	1.75E-03
<b>Cerebellum</b>														
Posterior lobe		R	7	-73	-26	2.78	1.17E-02		R	9	-72	-26	3.11	6.04E-03
		L	-12	-73	-26	4.47	2.31E-04		L	-7	-70	-26	3.36	5.23E-03
Anterior lobe									L	-29	-58	-26	3.97	9.05E-04

Coordinates are in Talaraich space. PCC, posterior cingulate cortex; AI, anterior insula