

Supplementary Table 2

Anatomical Descriptions for the Top 10% of Component 2 Loadings

Brain Regions (Harvard-Oxford Atlas)	Cluster Volume (mm ³)	Brodmann's Area for Peak Location	MNI Coordinates for Peak Locations			Component Loading	
			x	y	z		
positive loadings							
<i>cluster 1: right hemisphere</i>	64017						
temporal pole			38	57	14	-7	0.2149
frontal pole			46	42	47	2	0.1894
central opercular cortex			22	63	-19	17	0.1745
frontal pole			45	39	47	17	0.1445
supramarginal gyrus, anterior division			2	57	-28	44	0.14
heschl's gurs (includes H1 and H2)			48	57	-10	5	0.1398
supramarginal gyrus, anterior division			40	54	-34	47	0.1365
middle frontal gyrus			n/a	48	8	44	0.1359
supramarginal gyrus, posterior division			40	51	-40	44	0.135
inferior frontal gyrus, pars opercularis			44	54	17	29	0.133
middle frontal gyrus			6	45	5	47	0.1323
putamen			48	33	-13	-4	0.1314
middle frontal gyrus			45	51	32	20	0.1281
insular cortex (posterior)			48	36	-13	11	0.1265
inferior frontal gyrus, pars opercularis			48	54	20	17	0.1253
insular cortex (posterior)			48	39	-10	-10	0.1179
putamen			34	30	-1	-7	0.1082
pallidum			n/a	27	-4	-1	0.106
lateral occipital cortex, superior division			7	36	-64	44	0.099
insular cortex (anterior)			48	33	5	5	0.0989
insular cortex (anterior)			47	33	26	-1	0.0955
<i>cluster 2: bilateral</i>	45765						
cerebellum (crus 1)			n/a	-30	-64	-31	0.1668
intracalcarine cortex			17	0	-76	8	0.154
cerebellum (crus 1)			n/a	-12	-73	-31	0.1345
precuneous cortex			7	-9	-70	38	0.1262
cerebellum (lobule VI)			37	-27	-43	-31	0.1239
n/a			n/a	-21	-40	-31	0.1222
cuneal cortex			18	3	-79	29	0.1199
lingual gyrus			18	-12	-58	-16	0.1151
cerebellum (lobule IV)			18	-9	-55	-13	0.1145
lingual gyrus			18	9	-70	35	0.1108
n/a			n/a	0	-49	-22	0.1097
precuneous cortex			7	12	-70	41	0.1088
intracalcarine cortex			18	12	-67	32	0.108
cerebellum (lobule VIII)			n/a	-24	-61	-40	0.1076
n/a			27	6	-34	-34	0.1024
lingual gyrus			18	-15	-55	-28	0.1016
cerebellum (lobule VIII)			n/a	-21	-67	-40	0.1015
n/a			n/a	-12	-58	-34	0.1015
vermis			n/a	0	-55	-34	0.0972
<i>cluster 3: left hemisphere</i>	39636						
temporal pole			n/a	-48	14	-10	0.17
inferior frontal gyrus, pars opercularis			48	-57	11	-1	0.1514
central opercular cortex			48	-57	2	2	0.151

parietal operculum cortex		42	-57	-31	20	0.1378
insular cortex (anterior)		48	-36	14	2	0.1315
supramarginal gyrus, anterior division		40	-57	-37	38	0.1253
middle temporal gyrus, temporooccipital part		21	-45	-46	47	0.1236
frontal orbital cortex		47	-33	26	-7	0.1234
n/a		37	-39	-49	44	0.1217
insular cortex (posterior)		48	-39	-10	-10	0.1211
angular gyrus		7	-33	-58	38	0.1209
supramarginal gyrus, posterior division		40	-36	-46	41	0.1192
inferior frontal gyrs		44	-45	11	29	0.109
insular cortex (posterior)		48	-33	-19	2	0.1056
<i>cluster 4: bilateral</i>	29781					
paracingulate gyrus		n/a	0	26	38	0.1846
superior frontal gyrus		6	3	14	59	0.1686
superior frontal gyrus		6	-15	11	59	0.0956
<i>cluster 5: left hemisphere</i>	13608					
frontal pole		47	-39	44	-1	0.1578
frontal pole		10	-30	53	8	0.1357
<i>cluster 6: bilateral</i>	13122					
n/a		n/a	12	2	8	0.149
n/a		n/a	-12	5	8	0.1426
thalamus		n/a	12	-10	5	0.13
n/a		n/a	-6	-19	-7	0.1
n/a		n/a	-9	-16	-4	0.0977
n/a		n/a	9	-16	-7	0.0973
<i>cluster 7: right hemisphere</i>	3726					
cerebellum (lobule VI)		n/a	30	-58	-31	0.1465
<i>cluster 8: left hemisphere</i>	2052					
cingulate gyrus, posterior division		n/a	-3	-28	23	0.1355
<i>cluster 9: left hemisphere</i>	1053					
middle frontal gyrus		8	-27	11	53	0.1066
middle frontal gyrus		6	-33	2	44	0.1016
<i>cluster 10: right hemisphere</i>	783					
postcentral gyrus		3	24	-37	65	0.1116
<i>cluster 11: right hemisphere</i>	297					
n/a		n/a	12	-58	-34	0.1045
<i>cluster 12: left hemisphere</i>	297					
precentral gyrus		48	-39	-13	32	0.1028
<i>cluster 13: left hemisphere</i>	135					
insular cortex (posterior)		48	-36	-16	14	0.1034
<i>cluster 14: right hemisphere</i>	135					
precentral gyrus		6	21	-25	56	0.0978
<i>cluster 15: left hemisphere</i>	108					
frontal orbital cortex		48	-24	8	-10	0.0987
<i>cluster 16: right hemisphere</i>	54					
n/a		n/a	9	-73	-31	0.0936
<i>cluster 17: right hemisphere</i>	54					
n/a		n/a	12	-37	-31	0.0942
<i>cluster 18: right hemisphere</i>	54					
insular cortex (anterior)		47	33	20	2	0.0972
<i>cluster 19: right hemisphere</i>	54					
precentral gyrus		n/a	39	-10	35	0.0986

Note. Negative loadings: no negative loadings passed threshold