Novel metrics and application of nearest-neighbor feature selection for comparing resting-state fMRI brain atlases: Supplementary tables

Table S1. Standardized beta coefficients, P values, and brain regions for unimportant Power ROIs.

ROI	β_a	P Value	Brain Region	Func. Network
212	3.6023	0.0535	Left Anterior Cingulate	Anterior Salience
172	3.5966	0.0606	Left Middle Occipital Gyrus	High Visual
124	3.5589	0.0625	Left Parahippocampal Gyrus	Ventral DMN
61	3.5734	0.0633	Right Insula	Anterior Salience
237	3.5403	0.0652	Left Superior Temporal Gyrus	Language
117	3.5354	0.0673	Left Middle Temporal Gyrus	Language
273	3.4952	0.0767	Left Ventral Hippocampus	NA
126	3.4989	0.0785	Left Fusiform Gyrus	Ventral DMN
274	3.4890	0.0794	Right Ventral Hippocampus	NA
230	3.4811	0.0829	Right Lentiform Nucleus	Basal Ganglia
84	3.4578	0.0880	Left Middle Temporal Gyrus	LECN
81	3.4486	0.0940	Left Superior Temporal Gyrus	NA
182	3.3842	0.1139	Left Superior Frontal Gyrus	NA
71	3.4143	0.1155	Right Precentral Gyrus	Auditory
238	3.3149	0.1458	Right Superior Temporal Gyrus	Language
253	3.2820	0.1617	Left Fusiform Gyrus	LECN
125	3.2550	0.1775	Right Parahippocampal Gyrus	Ventral DMN
111	3.1923	0.2322	Left Anterior Cingulate	Dorsal DMN
132	3.1608	0.2449	Left Inferior Frontal Gyrus	NA
40	3.1123	0.2917	Right Medial Frontal Gyrus	Sensorimotor
3	3.0394	0.3632	Right Middle Frontal Gyrus	NA
55	3.0397	0.3683	Left Precentral Gyrus	Auditory
139	3.0060	0.4020	Right Inferior Frontal Gyrus	Language
27	2.9545	0.4720	Left Precentral Gyrus	Sensorimotor
203	2.9216	0.5591	Right Paracentral Lobule	Ventral DMN
258	2.9390	0.5871	Right Superior Parietal Lobule	Visuospatial
247	2.9551	0.6249	Right Uncus	NA
8	2.8038	0.7502	Left Parahippocampal Gyrus	Ventral DMN
68	2.8084	0.7662	Left Inferior Parietal Lobule	Post Salience
170	2.7764	0.8248	Right Cuneus	Primary Visual
206	2.7434	0.9055	Right Middle Frontal Gyrus	Anterior Salience
30	2.7486	0.9094	Left Postcentral Gyrus	Visuospatial
232	2.7468	1.0000	Left Lentiform Nucleus	Post Salience
60	2.7252	1.0000	Right Insula	Anterior Salience
243	2.7024	1.0000	Left Declive	Sensorimotor
215	2.6516	1.0000	Left Anterior Cingulate	Anterior Salience
177	2.6504	1.0000	Left Inferior Parietal Lobule	LECN
241	2.6313	1.0000	Right Inferior Frontal Gyrus	Language
263	2.6048	1.0000	Left Superior Parietal Lobule	Ventral DMN
113	2.5824	1.0000	Left Anterior Cingulate	Dorsal DMN
34	2.5346	1.0000	Left Postcentral Gyrus	Sensorimotor
105	2.5266	1.0000	Right Medial Frontal Gyrus	Dorsal DMN
92	2.5078	1.0000	Right Cingulate Gyrus	Dorsal DMN
75	2.4484	1.0000	Right Medial Frontal Gyrus	Dorsal DMN

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Table S1 – continued from previous page

ROI	β_a	P Value	Brain Region	Func. Network
23	2.4337	1.0000	Left Precentral Gyrus	Sensorimotor
155	2.4162	1.0000	Left Cuneus	NA
275	2.3878	1.0000	Locus Coeruleus	NA
58	2.3726	1.0000	Left Superior Temporal Gyrus	Anterior Salience
267	2.3697	1.0000	Left Subgenual Anterior Cingulate Cortex	NA
103	2.3494	1.0000	Left Superior Frontal Gyrus	Dorsal DMN
159	2.3372	1.0000	Right Cuneus	Precuneus
19	2.3316	1.0000	Right Precentral Gyrus	Sensorimotor
45	2.3155	1.0000	Left Precentral Gyrus	Auditory
66	2.3139	1.0000	Left Superior Temporal Gyrus	Auditory
219	2.3104	1.0000	Right Superior Frontal Gyrus	Anterior Salience
15	2.2522	1.0000	Left Paracentral Lobule	Dorsal DMN
277	2.2459	1.0000	Raphe	NA
26	2.2309	1.0000	Right Postcentral Gyrus	Visuospatial
161	2.2291	1.0000	Right Middle Occipital Gyrus	High Visual
88	2.2240	1.0000	Left Cingulate Gyrus	Dorsal DMN
116	2.2175	1.0000	Right Inferior Temporal Gyrus	NA
33	2.2172	1.0000	Left Postcentral Gyrus	Visuospatial
269	2.1930	1.0000	Left Caudate Head	NA
112	2.1833	1.0000	Left Medial Frontal Gyrus	LECN
93	2.1765	1.0000	Right Precuneus	Precuneus
218	2.1647	1.0000	Right Middle Frontal Gyrus	RECN
226	2.1603	1.0000	Left Thalamus	Sensorimotor
156	2.1562	1.0000	Right Precuneus	Precuneus
202	2.1430	1.0000	Left Medial Frontal Gyrus	Anterior Salience
146	2.1297	1.0000	Left Cuneus	Primary Visual
6	2.1291	1.0000	Left Parahippocampal Gyrus	Dorsal DMN
122	2.1142	1.0000	Right Anterior Cingulate	Anterior Salience
240	2.1088	1.0000	Right Superior Temporal Gyrus	Language
79	2.0931	1.0000	Left Middle Temporal Gyrus	Language
28	2.0911	1.0000	Right Precentral Gyrus	Sensorimotor
271	2.0707	1.0000	Left Amygdala	NA
229	2.0693	1.0000	Right Lentiform Nucleus	Post Salience
183	2.0411	1.0000	Left Declive	RECN
91	2.0338	1.0000	Left Posterior Cingulate	Dorsal DMN
118	2.0333	1.0000	Left Middle Temporal Gyrus	Language
56	2.0278	1.0000	Right Superior Temporal Gyrus	Auditory
115	1.9941	1.0000	Left Medial Frontal Gyrus	Dorsal DMN
196	1.9492	1.0000	Right Precentral Gyrus	RECN
200	1.9181	1.0000	Right Middle Frontal Gyrus	RECN
18	1.9175	1.0000	Left Paracentral Lobule	Sensorimotor
78	1.9136	1.0000	Left Superior Frontal Gyrus	Dorsal DMN
1	1.8984	1.0000	Left Lingual Gyrus	High Visual
96	1.8930	1.0000	Right Angular Gyrus	RECN
51	1.8919	1.0000	Left Cingulate Gyrus	NA
63	1.8780	1.0000	Right Superior Temporal Gyrus	Auditory
123	1.8759	1.0000	Right Middle Temporal Gyrus	Language
9	1.8618	1.0000	Right Middle Temporal Gyrus	NA
13	1.8467	1.0000	Left Precuneus	Ventral DMN

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ROI	β_a	P Value	Brain Region	Func. Network
136	1.8222	1.0000	Right Precuneus	Ventral DMN
57	1.8110	1.0000	Left Claustrum	Anterior Salience
86	1.8074	1.0000	Left Angular Gyrus	LECN
239	1.7558	1.0000	Right Middle Temporal Gyrus	Language
12	1.7532	1.0000	Right Middle Frontal Gyrus	RECN
95	1.7307	1.0000	Right Posterior Cingulate	Ventral DMN
147	1.7274	1.0000	Left Middle Occipital Gyrus	Ventral DMN
53	1.6666	1.0000	Right Superior Frontal Gyrus	Anterior Salience
205	1.6269	1.0000	Right Middle Frontal Gyrus	Sensorimotor
244	1.5834	1.0000	Left Culmen	Anterior Salience
164	1.5655	1.0000	Left Middle Occipital Gyrus	High Visual
69	1.5490	1.0000	Left Postcentral Gyrus	Auditory
195	1.5171	1.0000	Left Inferior Parietal Lobule	LECN
39	1.5090	1.0000	Right Medial Frontal Gyrus	Sensorimotor
151	1.4992	1.0000	Left Lingual Gyrus	High Visual
72	1.4699	1.0000	Right Postcentral Gyrus	Post Salience
254	1.4600	1.0000	Right Fusiform Gyrus	Visuospatial
101	1.4562	1.0000	Right Superior Frontal Gyrus	Dorsal DMN
37	1.4498	1.0000	Left Precentral Gyrus	Sensorimotor
176	1.4458	1.0000	Left Inferior Frontal Gyrus	Visuospatial
100	1.4372	1.0000	Left Middle Frontal Gyrus	LECN
248	1.4160	1.0000	Left Uncus	NA
109	1.3884	1.0000	Left Medial Frontal Gyrus	Dorsal DMN
233	1.3642	1.0000	Right Lentiform Nucleus	Basal Ganglia
166	1.3578	1.0000	Left Precuneus	Precuneus
197	1.3296	1.0000	Left Middle Frontal Gyrus	LECN
178	1.3268	1.0000	Left Middle Frontal Gyrus	Ventral DMN
31	1.3232	1.0000	Right Medial Frontal Gyrus	Sensorimotor
17	1.3037	1.0000	Left Medial Frontal Gyrus	Sensorimotor
216	1.2860	1.0000	Right Cingulate Gyrus	Anterior Salience
47	1.2791	1.0000	Left Superior Frontal Gyrus	Anterior Salience
140	1.2758	1.0000	Right Lingual Gyrus	High Visual
49	1.2682	1.0000	Right Middle Frontal Gyrus	Sensorimotor
234	1.2509	1.0000	Right Thalamus	Basal Ganglia
21	1.2488	1.0000	Right Precentral Gyrus	Sensorimotor
168	1.2486	1.0000	Left Inferior Occipital Gyrus	High Visual
102	1.2456	1.0000	Right Superior Frontal Gyrus	Dorsal DMN
224	1.2401	1.0000	Left Thalamus	Post Salience
199	1.2399	1.0000	Right Inferior Parietal Lobule	Visuospatial
46	1.2214	1.0000	Right Precentral Gyrus	NA
119	1.2123	1.0000	Right Middle Temporal Gyrus	Language
104	1.1808	1.0000	Left Superior Frontal Gyrus	Dorsal DMN
64	1.1683	1.0000	Left Superior Temporal Gyrus	Auditory
173	1.1652	1.0000	Right Middle Occipital Gyrus	High Visual
148	1.1633	1.0000	Right Lingual Gyrus	Primary Visual
191	1.1501	1.0000	Left Superior Parietal Lobule	Visuospatial
150	1.1350	1.0000	Right Parahippocampal Gyrus	NA
114	1.1259	1.0000	Left Superior Frontal Gyrus	Dorsal DMN
179	1.1229	1.0000	Right Middle Temporal Gyrus	Visuospatial

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Table S1 – continued from previous page

ROI	β_a	P Value	Brain Region	Func. Network
133	1.1225	1.0000	Left Cingulate Gyrus	Precuneus
130	1.1197	1.0000	Right Supramarginal Gyrus	Language
20	1.1135	1.0000	Left Postcentral Gyrus	Visuospatial
249	1.0966	1.0000	Right Inferior Temporal Gyrus	NA
41	1.0851	1.0000	Right Precentral Gyrus	Sensorimotor
259	1.0836	1.0000	Left Inferior Parietal Lobule	Visuospatial
210	1.0756	1.0000	Right Inferior Frontal Gyrus	Anterior Salience
246	1.0682	1.0000	Right Declive	Sensorimotor
149	1.0471	1.0000	Left Cuneus	High Visual
245	0.9755	1.0000	Right Declive	Sensorimotor
25	0.9744	1.0000	Right Postcentral Gyrus	Visuospatial
97	0.9599	1.0000	Right Middle Frontal Gyrus	RECN
185	0.9535	1.0000	Right Uvula	LECN
231	0.9422	1.0000	Right Lentiform Nucleus	Basal Ganglia
228	0.9394	1.0000	Left Lentiform Nucleus	Basal Ganglia
131	0.9171	1.0000	Left Middle Temporal Gyrus	Language
54	0.9040	1.0000	Right Medial Frontal Gyrus	Anterior Salience
80	0.8990	1.0000	Right Middle Temporal Gyrus	Ventral DMN
153	0.8865	1.0000	Right Inferior Occipital Gyrus	High Visual
22	0.8672	1.0000	Right Postcentral Gyrus	Post Salience
137	0.8412	1.0000	Left Inferior Frontal Gyrus	Language
24	0.8382	1.0000	Let Precentral Gyrus	Sensorimotor
144	0.8179	1.0000	Right Middle Occipital Gyrus	Ventral DMN
7	0.8144	1.0000	Right Culmen	Ventral DMN
198	0.7568	1.0000	Left Middle Frontal Gyrus	LECN
251	0.7534	1.0000	Right Precuneus	Ventral DMN
87	0.7327	1.0000	Left Superior Parietal Lobule	LECN
193	0.7290	1.0000	Right Superior Frontal Gyrus	RECN
67	0.7242	1.0000	Right Insula	Post Salience
163	0.7199	1.0000	Right Precuneus	Precuneus
98	0.7142	1.0000	Left Superior Frontal Gyrus	Dorsal DMN
158	0.7046	1.0000	Right Lingual Gyrus	High Visual
134	0.6949	1.0000	Left Precuneus	Precuneus
214	0.6233	1.0000	Left Superior Frontal Gyrus	Anterior Salience
207	0.5748	1.0000	Right Inferior Frontal Gyrus	Basal Ganglia
276	0.5711	1.0000	Ventral Tegmental Area	NA
260	0.5651	1.0000	Left Precuneus	Visuospatial
44	0.5585	1.0000	Right Precentral Gyrus	Sensorimotor
221	0.5427	1.0000	Right Cingulate Gyrus	Precuneus
188	0.5291	1.0000	Left Middle Frontal Gyrus	Post Salience
142	0.5197	1.0000	Left Lingual Gyrus	High Visual
62	0.4813	1.0000	Right Superior Temporal Gyrus	Post Salience
65	0.4798	1.0000	Left Postcentral Gyrus	Auditory
268	0.4777	1.0000	Right Subgenual Anterior Cingulate Cortex	NA
48	0.4677	1.0000	Right Inferior Parietal Lobule	Post Salience
265	0.4676	1.0000	Left Nucleus Accumbens	NA
223	0.4582	1.0000	Left Thalamus	Dorsal DMN
262	0.4542	1.0000	Left Middle Occipital Gyrus	Visuospatial
143	0.4420	1.0000	Right Parahippocampal Gyrus	Sensorimotor

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Table S1 – continued from previous page

ROI	β_a	P Value	Brain Region	Func. Network
29	0.4320	1.0000	Right Precentral Gyrus	Sensorimotor
211	0.4226	1.0000	Right Inferior Frontal Gyrus	Anterior Salience
14	0.4026	1.0000	Left Cingulate Gyrus	NA
157	0.4001	1.0000	Right Cuneus	High Visual
99	0.3569	1.0000	Left Superior Frontal Gyrus	LECN
135	0.3549	1.0000	Right Precuneus	Precuneus
250	0.3270	1.0000	Left Inferior Temporal Gyrus	NA
189	0.3269	1.0000	Right Middle Frontal Gyrus	RECN
154	0.3069	1.0000	Left Middle Occipital Gyrus	High Visual
90	0.2713	1.0000	Left Posterior Cingulate	Ventral DMN
120	0.2665	1.0000	Left Middle Temporal Gyrus	LECN
194	0.2315	1.0000	Right Inferior Parietal Lobule	RECN
121	0.2139	1.0000	Right Superior Frontal Gyrus	Dorsal DMN
252	0.0793	1.0000	Left Middle Temporal Gyrus	Language
52	0.0777	1.0000	Right Insula	Post Salience
2	0.0686	1.0000	Right Inferior Occipital Gyrus	High Visual
42	0.0490	1.0000	Left Precentral Gyrus	Sensorimotor
272	0.0347	1.0000	Right Amygdala	NA
70	0.0320	1.0000	Left Precentral Gyrus	Auditory
141	0.0114	1.0000	Right Inferior Occipital Gyrus	High Visual
107	-0.0002	1.0000	Left Medial Frontal Gyrus	Dorsal DMN
266	-0.0062	1.0000	Right Nucleus Accumbens	NA
171	-0.0270	1.0000	Left Middle Occipital Gyrus	High Visual
236	-0.0416	1.0000	Left Superior Temporal Gyrus	Language
74	-0.0749	1.0000	Left Middle Temporal Gyrus	Ventral DMN
167	-0.1095	1.0000	Left Cuneus	Primary Visual
11	-0.1156	1.0000	Right Middle Temporal Gyrus	Language
201	-0.1267	1.0000	Left Middle Frontal Gyrus	LECN
225	-0.1518	1.0000	Right Thalamus	Post Salience
108	-0.1725	1.0000	Right Medial Frontal Gyrus	Dorsal DMN
256	-0.1733	1.0000	Right Precuneus	Visuospatial
165	-0.1927	1.0000	Right Lingual Gyrus	High Visual
152	-0.2419	1.0000	Left Cuneus	Primary Visual
208	-0.2872	1.0000	Left Insula	Anterior Salience
227	-0.3108	1.0000	Left Lentiform Nucleus	Basal Ganglia
127	-0.4540	1.0000	Right Uvula	Visuospatial
209	-0.4836	1.0000	Right Insula	Anterior Salience
106	-0.5001	1.0000	Right Medial Frontal Gyrus	Dorsal DMN
94	-0.5411	1.0000	Left Cingulate Gyrus	Ventral DMN
257	-0.5804	1.0000	Right Middle Temporal Gyrus	NA
138	-0.5855	1.0000	Left Superior Frontal Gyrus	Anterior Salience
242	-0.6570	1.0000	Left Inferior Frontal Gyrus	Language
175	-0.6866	1.0000	Right Middle Frontal Gyrus	RECN
10	-0.7101	1.0000	Right Fusiform Gyrus	NA
255	-0.7373	1.0000	Right Postcentral Gyrus	Visuospatial
43	-0.7673	1.0000	Right Insula	NA
16	-0.8002	1.0000	Right Cingulate Gyrus	Anterior Salience
184	-0.8130	1.0000	Right Uvula	NA
235	-0.8214	1.0000	Right Inferior Parietal Lobule	Language

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Table S1 – continued from previous page

ROI	β_a	P Value	Brain Region	Func. Network
38	-0.8900	1.0000	Left Postcentral Gyrus	Post Salience
220	-0.9006	1.0000	Left Middle Frontal Gyrus	Anterior Salience
174	-0.9401	1.0000	Left Middle Frontal Gyrus	Visuospatial
186	-0.9590	1.0000	Right Middle Frontal Gyrus	Visuospatial
32	-0.9707	1.0000	Right Postcentral Gyrus	Post Salience
187	-0.9828	1.0000	Left Inferior Frontal Gyrus	Visuospatial
162	-1.0083	1.0000	Right Cuneus	High Visual
222	-1.0443	1.0000	Right Thalamus	Sensorimotor
50	-1.1480	1.0000	Left Superior Frontal Gyrus	Sensorimotor
264	-1.1706	1.0000	Right Middle Frontal Gyrus	Visuospatial
217	-1.2320	1.0000	Right Anterior Cingulate	Anterior Salience
261	-1.2650	1.0000	Left Middle Frontal Gyrus	Visuospatial
169	-1.2891	1.0000	Right Middle Occipital Gyrus	High Visual
190	-1.2978	1.0000	Right Inferior Parietal Lobule	RECN

Table S2. Standardized beta coefficients, P values, and brain regions for unimportant Shen ROIs.

ROI	β_a	P Value	Brain Region
64	3.5254	0.0592	Right Middle Frontal Gyrus, Right Superior Frontal Gyrus
198	3.4572	0.0765	Left Inferior Temporal Gyrus, Left Middle Temporal Gyrus
82	3.4501	0.0784	Right Insula, Right Superior Temporal Gyrus, Right Lentiform Nucleus
91	3.4444	0.0801	Right Inferior Frontal Gyrus, Right Insula
166	3.3985	0.0948	Left Postcentral Gyrus
30	3.3799	0.1014	Locus Coeruleus
90	3.2923	0.1389	Right Fusiform Gyrus, Right Middle Temporal Gyrus
116	3.2884	0.1433	Right Middle Frontal Gyrus
73	3.2427	0.1654	Right Uvula, Right Declive, Right Lingual Gyrus
131	3.2126	0.1867	Right Medial Frontal Gyrus
227	3.1353	0.2478	Left Cuneus
81	3.0862	0.2908	Right Medial Frontal Gyrus
109	3.0554	0.3137	Right Fusiform Gyrus
124	3.0544	0.3176	Right Middle Frontal Gyrus, Right Precentral Gyrus
264	3.0213	0.3513	Left Cingulate Gyrus, Left Paracentral Lobule, Left Superior Frontal Gyrus, Right Medial Frontal Gyrus
62	2.9927	0.3860	Right Middle Temporal Gyrus, Right Superior Temporal Gyrus
142	2.9655	0.4220	NA
4	2.9569	0.4335	Right Postcentral Gyrus, Right Precentral Gyrus
242	2.9291	0.4742	Left Middle Frontal Gyrus, Left Precentral Gyrus
146	2.9190	0.4898	Right Precuneus, Left Precuneus, Left Superior Parietal Lobule
154	2.8978	0.5247	Left Precentral Gyrus
220	2.8830	0.5494	NA
216	2.7933	0.7274	Left Inferior Frontal Gyrus, Left Superior Temporal Gyrus, Left Insula, Left Claustrum
112	2.7845	0.7474	Right Inferior Temporal Gyrus, Right Uncus
95	2.7583	0.8102	Right Middle Temporal Gyrus
67	2.7267	0.9090	Right Middle Frontal Gyrus

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ROI	β_a	P Value	Brain Region
207	2.7228	0.9021	Left Lentiform Nucleus, Left Claustrum
232	2.6392	1.0000	NA
171	2.6229	1.0000	Left Posterior Cingulate, Left Cingulate Gyrus
204	2.5566	1.0000	Left Parahippocampal Gyrus, Left Posterior Cingulate
75	2.4269	1.0000	Right Superior Temporal Gyrus, Right Inferior Parietal Lobule, Right Supramarginal Gyrus
258	2.4152	1.0000	Left Cingulate Gyrus, Right Cingulate Gyrus
129	2.3444	1.0000	Right Middle Frontal Gyrus, Right Inferior Frontal Gyrus
278	2.3382	1.0000	Left Precentral Gyrus
56	2.3283	1.0000	Right Superior Temporal Gyrus, Right Precentral Gyrus
249	2.3172	1.0000	Left Precuneus
59	2.3055	1.0000	Right Medial Frontal Gyrus, Left Superior Frontal Gyrus, Right Superior Frontal Gyrus
155	2.3054	1.0000	Left Thalamus
222	2.1523	1.0000	Left Middle Occipital Gyrus, Left Middle Temporal Gyrus
276	2.1351	1.0000	Left Middle Frontal Gyrus
52	1.9852	1.0000	Right Lentiform Nucleus
163	1.9677	1.0000	Left Inferior Frontal Gyrus
68	1.9660	1.0000	Right Declive, Right Parahippocampal Gyrus
37	1.9608	1.0000	Right Medial Frontal Gyrus
122	1.9078	1.0000	Right Superior Temporal Gyrus, Right Inferior Parietal Lobule
221	1.8774	1.0000	Left Inferior Parietal Lobule
235	1.8086	1.0000	Left Culmen, Left Fusiform Gyrus, Left Middle Occipital Gyrus
58	1.8008	1.0000	Locus Coeruleus, Raphe, Ventral Tegmental Area, Right Culmen, Right Thalamus
2	1.7957	1.0000	Right Middle Frontal Gyrus, Right Superior Frontal Gyrus
78	1.7743	1.0000	Right Inferior Frontal Gyrus, Right Middle Frontal Gyrus
25	1.7439	1.0000	Right Subgenual Anterior Cingulate Cortex, Right Caudate Head
41	1.7315	1.0000	Right Precuneus
148	1.7122	1.0000	Left Precentral Gyrus
144	1.6967	1.0000	Locus Coeruleus, Raphe, Ventral Tegmental Area, Left Thalamus
177	1.6508	1.0000	Left Inferior Frontal Gyrus, Left Middle Frontal Gyrus
98	1.5866	1.0000	Right Insula, Right Lentiform Nucleus
187	1.5272	1.0000	Left Medial Frontal Gyrus, Left Cingulate Gyrus
20	1.5053	1.0000	Right Inferior Frontal Gyrus, Right Middle Frontal Gyrus
168	1.4680	1.0000	Left Lingual Gyrus, Left Cuneus
23	1.4308	1.0000	Right Middle Occipital Gyrus, Right Middle Temporal Gyrus
184	1.3673	1.0000	Left Lingual Gyrus
209	1.3535	1.0000	Left Superior Frontal Gyrus
192	1.2970	1.0000	Left Middle Temporal Gyrus, Left Angular Gyrus
261	1.2962	1.0000	Locus Coeruleus
60	1.2948	1.0000	Right Precuneus
230	1.2928	1.0000	Left Cingulate Gyrus, Left Paracentral Lobule
139	1.2921	1.0000	Right Middle Frontal Gyrus, Right Precentral Gyrus
229	1.2751	1.0000	Left Middle Temporal Gyrus, Left Superior Temporal Gyrus
188	1.2567	1.0000	Left Superior Frontal Gyrus, Left Medial Frontal Gyrus
85	1.2453	1.0000	Right Middle Frontal Gyrus
145	1.2376	1.0000	Left Superior Temporal Gyrus, Left Inferior Frontal Gyrus
137	1.2146	1.0000	Right Superior Frontal Gyrus

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Table S2 – continued from previous page

ROI	β_a	P Value	Brain Region
111	1.1962	1.0000	Right Superior Temporal Gyrus, Right Inferior Frontal Gyrus
208	1.1922	1.0000	Left Parahippocampal Gyrus, Left Lingual Gyrus
149	1.1226	1.0000	Left Lentiform Nucleus, Left Nucleus Accumbens, Left Claustrum
260	1.0570	1.0000	Left Thalamus
172	1.0368	1.0000	Left Superior Frontal Gyrus
46	1.0243	1.0000	Right Superior Frontal Gyrus, Right Middle Frontal Gyrus
140	1.0216	1.0000	Left Middle Frontal Gyrus, Left Superior Frontal Gyrus
11	1.0150	1.0000	Right Thalamus, Left Thalamus
157	1.0019	1.0000	Left Superior Parietal Lobule, Left Postcentral Gyrus
212	0.9765	1.0000	Left Middle Temporal Gyrus, Left Superior Temporal Gyrus
6	0.9731	1.0000	Right Middle Frontal Gyrus
10	0.9664	1.0000	Right Inferior Temporal Gyrus
164	0.9589	1.0000	Left Superior Frontal Gyrus
252	0.9385	1.0000	Left Culmen
265	0.9195	1.0000	NA
1	0.9000	1.0000	Right Precentral Gyrus, Right Middle Frontal Gyrus
223	0.8507	1.0000	Left Cuneus
150	0.8389	1.0000	NA
33	0.8314	1.0000	Right Middle Temporal Gyrus
134	0.8088	1.0000	Right Middle Frontal Gyrus, Right Superior Frontal Gyrus
270	0.8071	1.0000	Left Cuneus
18	0.7907	1.0000	Right Superior Temporal Gyrus, Right Insula, Right Inferior Parietal Lobule
110	0.7829	1.0000	Right Uvula, Right Lingual Gyrus, Right Inferior Occipital Gyrus
176	0.7483	1.0000	NA
93	0.6376	1.0000	Right Insula, Right Precentral Gyrus
236	0.6288	1.0000	Left Declive, Left Lingual Gyrus, Left Middle Occipital Gyrus
152	0.5736	1.0000	Right Cingulate Gyrus, Left Paracentral Lobule
162	0.5536	1.0000	NA
228	0.4751	1.0000	Left Superior Frontal Gyrus
169	0.4672	1.0000	Left Insula, Left Inferior Frontal Gyrus
185	0.3234	1.0000	Left Middle Occipital Gyrus, Left Cuneus
40	0.3050	1.0000	Right Inferior Parietal Lobule, Right Precuneus
65	0.2863	1.0000	Right Orbital Gyrus, Right Medial Frontal Gyrus, Left Medial Frontal Gyrus
248	0.2629	1.0000	Left Superior Frontal Gyrus
205	0.2537	1.0000	Left Declive, Left Lingual Gyrus
161	0.2325	1.0000	Left Anterior Cingulate
123	0.2273	1.0000	Right Superior Temporal Gyrus
165	0.2146	1.0000	NA
22	0.1890	1.0000	Right Orbital Gyrus, Right Subgenual Anterior Cingulate Cortex
100	0.1826	1.0000	Right Inferior Parietal Lobule, Right Postcentral Gyrus
225	0.1175	1.0000	Left Medial Frontal Gyrus, Left Anterior Cingulate
9	0.0881	1.0000	Right Superior Frontal Gyrus
143	0.0681	1.0000	Left Middle Frontal Gyrus
190	0.0671	1.0000	Left Precuneus
128	0.0286	1.0000	Right Inferior Frontal Gyrus, Right Lentiform Nucleus, Right Insula
159	0.0277	1.0000	NA
233	0.0088	1.0000	Left Parahippocampal Gyrus

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Table S2 – continued from previous page

ROI	β_a	P Value	Brain Region
153	-0.0033	1.0000	Left Middle Occipital Gyrus, Left Cuneus
39	-0.0260	1.0000	Right Middle Temporal Gyrus
54	-0.0574	1.0000	Left Anterior Cingulate, Right Anterior Cingulate
201	-0.0764	1.0000	Left Inferior Temporal Gyrus, Left Fusiform Gyrus, Left Middle Temporal Gyrus
272	-0.1042	1.0000	NA
214	-0.1777	1.0000	Left Middle Occipital Gyrus, Left Cuneus, Left Precuneus, Left Superior Parietal Lobule
173	-0.1794	1.0000	Left Anterior Cingulate, Left Cingulate Gyrus, Left Medial Frontal Gyrus, Left Superior Frontal Gyrus
200	-0.1958	1.0000	Left Superior Frontal Gyrus
16	-0.2058	1.0000	Right Precuneus
133	-0.2105	1.0000	Right Amygdala, Right Inferior Frontal Gyrus
132	-0.2175	1.0000	Right Precuneus, Right Cuneus
181	-0.2176	1.0000	Left Superior Temporal Gyrus, Left Middle Temporal Gyrus
254	-0.2257	1.0000	Left Postcentral Gyrus, Left Precentral Gyrus
183	-0.2357	1.0000	Left Superior Temporal Gyrus, Left Insula, Left Inferior Parietal Lobule
195	-0.2677	1.0000	Left Postcentral Gyrus
97	-0.3088	1.0000	Right Declive, Right Parahippocampal Gyrus, Right Culmen
226	-0.3346	1.0000	Left Middle Frontal Gyrus
135	-0.3378	1.0000	Left Cingulate Gyrus, Right Cingulate Gyrus, Right Paracentral Lobule, Right Precuneus
186	-0.3674	1.0000	Left Cingulate Gyrus
89	-0.3801	1.0000	Right Middle Temporal Gyrus, Right Superior Temporal Gyrus
189	-0.3878	1.0000	Left Inferior Frontal Gyrus
273	-0.3996	1.0000	Left Lentiform Nucleus
180	-0.4195	1.0000	Left Anterior Cingulate, Left Medial Frontal Gyrus, Left Cingulate Gyrus
191	-0.4534	1.0000	Left Fusiform Gyrus, Left Parahippocampal Gyrus
268	-0.4635	1.0000	Left Superior Temporal Gyrus, Left Postcentral Gyrus, Left Precentral Gyrus
48	-0.5038	1.0000	Right Posterior Cingulate, Right Precuneus
241	-0.5115	1.0000	Left Superior Temporal Gyrus
101	-0.5218	1.0000	Right Middle Frontal Gyrus, Right Superior Frontal Gyrus
267	-0.6283	1.0000	Left Superior Frontal Gyrus
69	-0.6421	1.0000	Right Medial Frontal Gyrus
15	-0.6699	1.0000	Right Lentiform Nucleus, Right Insula
17	-0.7018	1.0000	Right Inferior Parietal Lobule, Right Superior Temporal Gyrus, Right Supramarginal Gyrus
259	-0.7117	1.0000	Left Middle Frontal Gyrus, Left Superior Frontal Gyrus
167	-0.7699	1.0000	Left Thalamus
269	-0.7976	1.0000	Left Claustrum, Left Precentral Gyrus
240	-0.8158	1.0000	Left Superior Parietal Lobule, Left Postcentral Gyrus
263	-0.8266	1.0000	Right Subgenual Anterior Cingulate Cortex, Left Subgenual Anterior Cingulate Cortex, Left Caudate Head
120	-0.8406	1.0000	Right Middle Occipital Gyrus
51	-0.8838	1.0000	Right Inferior Temporal Gyrus, Right Middle Temporal Gyrus
14	-0.9001	1.0000	Right Lingual Gyrus, Right Cuneus

Continued on next page

Table S2 – continued from previous page

ROI	β_a	P Value	Brain Region
72	-0.9134	1.0000	Right Precentral Gyrus
47	-0.9158	1.0000	Right Cingulate Gyrus, Left Cingulate Gyrus
211	-0.9630	1.0000	NA
44	-0.9651	1.0000	Right Superior Temporal Gyrus
156	-0.9696	1.0000	Left Cuneus
77	-0.9704	1.0000	Right Ventral Hippocampus, Right Culmen
250	-0.9839	1.0000	Left Precuneus, Left Superior Parietal Lobule
199	-0.9928	1.0000	Left Amygdala, Left Ventral Hippocampus
94	-1.0451	1.0000	Right Supramarginal Gyrus, Right Inferior Parietal Lobule
88	-1.0749	1.0000	Right Middle Frontal Gyrus
27	-1.0922	1.0000	Right Anterior Cingulate, Right Cingulate Gyrus, Left Cingulate Gyrus, Right Medial Frontal Gyrus
26	-1.1463	1.0000	Right Inferior Temporal Gyrus, Right Middle Temporal Gyrus, Right Superior Temporal Gyrus
275	-1.1931	1.0000	Left Middle Temporal Gyrus, Left Superior Parietal Lobule
36	-1.2199	1.0000	Right Cuneus, Right Precuneus
108	-1.2204	1.0000	Right Lingual Gyrus, Right Parahippocampal Gyrus
92	-1.2877	1.0000	Right Cingulate Gyrus
117	-1.2945	1.0000	Right Parahippocampal Gyrus, Right Lingual Gyrus
138	-1.3094	1.0000	Left Anterior Cingulate, Right Cingulate Gyrus, Left Medial Frontal Gyrus, Left Cingulate Gyrus
234	-1.3325	1.0000	Left Middle Temporal Gyrus
34	-1.3611	1.0000	Right Precentral Gyrus
71	-1.3617	1.0000	Right Cingulate Gyrus, Left Paracentral Lobule, Left Superior Frontal Gyrus, Right Medial Frontal Gyrus
266	-1.4422	1.0000	Left Parahippocampal Gyrus, Left Ventral Hippocampus
203	-1.4441	1.0000	Left Middle Frontal Gyrus
246	-1.4567	1.0000	Left Precentral Gyrus
43	-1.4696	1.0000	Right Inferior Frontal Gyrus, Right Insula
86	-1.4804	1.0000	Right Uvula
151	-1.5003	1.0000	Left Subgenual Anterior Cingulate Cortex, Left Nucleus Accumbens, Right Subgenual Anterior Cingulate Cortex, Left Caudate Head
255	-1.5118	1.0000	Left Precuneus, Left Postcentral Gyrus, Left Paracentral Lobule
224	-1.5847	1.0000	Left Cingulate Gyrus, Right Precuneus, Left Precuneus
61	-1.6367	1.0000	Right Uvula, Right Declive
182	-1.6508	1.0000	Left Anterior Cingulate, Left Medial Frontal Gyrus
53	-1.8320	1.0000	Right Cuneus, Right Lingual Gyrus, Right Precuneus
160	-1.8721	1.0000	Left Superior Parietal Lobule, Left Inferior Parietal Lobule
197	-1.8726	1.0000	Left Middle Frontal Gyrus
179	-1.8776	1.0000	Left Inferior Frontal Gyrus, Left Middle Frontal Gyrus
107	-1.8976	1.0000	Right Middle Frontal Gyrus
210	-2.0013	1.0000	Left Middle Temporal Gyrus, Left Superior Temporal Gyrus
106	-2.0423	1.0000	Right Middle Occipital Gyrus, Right Cuneus
194	-2.1739	1.0000	Left Superior Parietal Lobule, Left Angular Gyrus, Left Inferior Parietal Lobule
119	-2.3431	1.0000	Left Medial Frontal Gyrus, Right Medial Frontal Gyrus
274	-2.3842	1.0000	Left Superior Frontal Gyrus
118	-2.4475	1.0000	Right Thalamus
50	-2.5855	1.0000	Right Precentral Gyrus, Right Postcentral Gyrus

Continued on next page

Table S2 – continued from previous page

ROI	β_a	P Value	Brain Region
63	-2.6486	1.0000	Right Middle Frontal Gyrus, Right Precentral Gyrus, Right Superior Frontal Gyrus
170	-2.8091	1.0000	Left Subgenual Anterior Cingulate Cortex
244	-2.8758	1.0000	Left Middle Temporal Gyrus
114	-3.0942	1.0000	Right Nucleus Accumbens, Right Subgenual Anterior Cingulate Cortex, Right Caudate Head
74	-3.1817	1.0000	Right Inferior Frontal Gyrus, Right Middle Frontal Gyrus, Right Subgenual Anterior Cingulate Cortex
125	-3.2424	1.0000	Right Inferior Parietal Lobule
42	-3.2987	1.0000	Right Parahippocampal Gyrus
66	-3.3290	1.0000	NA
251	-4.1666	1.0000	Left Superior Frontal Gyrus

Table S3. Mapping between Power and Shen atlas ROIs found from solution to Assignment Problem. Mapped ROIs were those that sufficiently intersected ROIs in the opposing atlas such that a one-to-one mapping was possible.

Shen ROI	Power ROI
1	71
2	121
4	28
5	72
6	181
7	49
8	25
9	193
10	116
11	225
12	140
14	170
15	67
16	135
17	48
18	238
19	9
20	189
21	89
22	5
23	144
24	96
25	270
26	249
27	217
28	41
29	32
32	19
33	119
34	44

Continued on next page

Table S3 – continued from previous page

Shen ROI	Power ROI
36	156
37	75
38	127
39	80
40	194
41	136
42	125
43	211
44	62
45	22
46	102
48	95
50	46
52	233
53	145
54	122
55	203
56	63
57	26
58	277
59	54
60	256
61	185
62	239
63	205
64	53
65	76
67	218
68	246
69	105
71	16
74	85
75	235
77	274
78	139
80	258
81	108
82	60
83	56
84	163
85	264
87	254
88	206
89	123
90	179
91	209
92	221
93	43
94	204

Continued on next page

Table S3 – continued from previous page

Shen ROI	Power ROI
95	257
96	141
97	150
98	229
99	52
100	255
101	101
102	153
103	241
104	245
105	31
106	157
107	175
108	165
109	10
111	207
112	247
113	7
114	266
116	186
118	222
119	110
120	169
121	158
122	240
123	82
124	196
125	199
127	148
128	230
129	200
130	184
131	106
132	93
133	272
134	180
135	92
136	143
137	219
138	216
139	29
140	188
143	201
144	276
146	13
147	262
148	24
149	227
151	265

Continued on next page

Table S3 – continued from previous page

Shen ROI	Power ROI
152	15
153	149
154	45
155	223
156	152
157	30
160	259
161	212
163	132
166	33
167	224
168	146
170	267
171	90
172	138
173	59
177	187
178	243
179	198
180	112
181	81
182	113
183	64
185	147
186	88
187	202
189	137
190	166
191	124
192	86
193	197
194	195
195	20
197	174
198	250
199	271
201	4
202	183
203	178
204	91
205	151
206	176
207	232
208	160
209	182
210	118
212	120
213	248
214	260

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Table S3 – continued from previous page

Shen ROI	Power ROI
215	242
216	208
217	6
218	70
221	177
222	164
223	155
224	94
225	107
226	100
228	99
229	252
230	14
233	77
234	117
235	253
236	142
237	58
238	84
239	275
240	263
241	236
242	261
243	8
244	129
245	68
246	55
247	172
248	104
249	134
250	191
252	244
253	18
254	69
255	38
257	1
258	133
259	214
262	34
263	269
264	51
266	273
267	114
268	65
269	57
270	167
271	109
273	228
274	78

Continued on next page

Table S3 – continued from previous page

Shen ROI	Power ROI
275	74
276	220
277	50
278	42

Table S4. Brain regions associated with mapped Shen atlas ROIs. Brain regions were assigned to Shen ROIs based on overlap with Power ROIs within known brain regions.

ROI	Region 1	Region 2	Region 3	Region 4	Region 5
1	Right Precentral Gyrus	Right Middle Frontal Gyrus	NA	NA	NA
2	Right Middle Frontal Gyrus	Right Superior Frontal Gyrus	NA	NA	NA
4	Right Postcentral Gyrus	Right Precentral Gyrus	NA	NA	NA
5	Right Postcentral Gyrus	Right Inferior Parietal Lobule	NA	NA	NA
6	Right Middle Frontal Gyrus	NA	NA	NA	NA
7	Right Middle Frontal Gyrus	Right Precentral Gyrus	NA	NA	NA
8	Right Postcentral Gyrus	NA	NA	NA	NA
9	Right Superior Frontal Gyrus	NA	NA	NA	NA
10	Right Inferior Temporal Gyrus	NA	NA	NA	NA
11	Right Thalamus	Left Thalamus	NA	NA	NA
12	Right Lingual Gyrus	Right Cuneus	NA	NA	NA
14	Right Lingual Gyrus	Right Cuneus	NA	NA	NA
15	Right Lentiform Nucleus	Right Insula	NA	NA	NA
16	Right Precuneus	NA	NA	NA	NA
17	Right Inferior Parietal Lobule	Right Superior Temporal Gyrus	Right Supramarginal Gyrus	NA	NA
18	Right Superior Temporal Gyrus	Right Insula	Right Inferior Parietal Lobule	NA	NA
19	Right Fusiform Gyrus	Right Middle Temporal Gyrus	Right Inferior Temporal Gyrus	NA	NA
20	Right Inferior Frontal Gyrus	Right Middle Frontal Gyrus	NA	NA	NA
21	Right Cingulate Gyrus	Right Precuneus	NA	NA	NA
22	Right Orbital Gyrus	Right Subgenual Anterior Cingulate Cortex	NA	NA	NA

Continued on next page

Table S4 – continued from previous page

ROI	Region 1	Region 2	Region 3	Region 4	Region 5
23	Right Middle Occipital Gyrus	Right Middle Temporal Gyrus	NA	NA	NA
24	Right Supramarginal Gyrus	Right Angular Gyrus	Right Inferior Parietal Lobule	NA	NA
25	Right Subgenual Cingulate Cortex	Right Caudate Head	NA	NA	NA
26	Right Inferior Temporal Gyrus	Right Middle Temporal Gyrus	Right Superior Temporal Gyrus	NA	NA
27	Right Anterior Cingulate	Right Cingulate Gyrus	Left Cingulate Gyrus	Right Medial Frontal Gyrus	NA
28	Right Postcentral Gyrus	Right Precentral Gyrus	NA	NA	NA
29	Right Postcentral Gyrus	NA	NA	NA	NA
32	Right Precentral Gyrus	Right Postcentral Gyrus	NA	NA	NA
33	Right Middle Temporal Gyrus	NA	NA	NA	NA
34	Right Precentral Gyrus	NA	NA	NA	NA
36	Right Cuneus	Right Precuneus	NA	NA	NA
37	Right Medial Frontal Gyrus	NA	NA	NA	NA
38	Right Uvula	NA	NA	NA	NA
39	Right Middle Temporal Gyrus	NA	NA	NA	NA
40	Right Inferior Parietal Lobule	Right Precuneus	NA	NA	NA
41	Right Precuneus	NA	NA	NA	NA
42	Right Parahippocampal Gyrus	NA	NA	NA	NA
43	Right Inferior Frontal Gyrus	Right Insula	NA	NA	NA
44	Right Superior Temporal Gyrus	NA	NA	NA	NA
45	Right Medial Frontal Gyrus	Right Postcentral Gyrus	NA	NA	NA
46	Right Superior Frontal Gyrus	Right Middle Frontal Gyrus	NA	NA	NA
48	Right Posterior Cingulate	Right Precuneus	NA	NA	NA
50	Right Precentral Gyrus	Right Postcentral Gyrus	NA	NA	NA
52	Right Lentiform Nucleus	NA	NA	NA	NA
53	Right Cuneus	Right Lingual Gyrus	Right Precuneus	NA	NA
54	Left Anterior Cingulate	Right Anterior Cingulate	NA	NA	NA

Continued on next page

Table S4 – continued from previous page

ROI	Region 1	Region 2	Region 3	Region 4	Region 5
55	Right Paracentral Lobule	Left Cingulate Gyrus	Right Medial Frontal Gyrus	NA	NA
56	Right Superior Temporal Gyrus	Right Precentral Gyrus	NA	NA	NA
57	Right Inferior Parietal Lobule	Right Postcentral Gyrus	NA	NA	NA
58	Locus Coeruleus	Raphe	Ventral Tegmental Area	Right Culmen	Right Thalamus
59	Right Medial Frontal Gyrus	Left Superior Frontal Gyrus	Right Superior Frontal Gyrus	NA	NA
60	Right Precuneus	NA	NA	NA	NA
61	Right Uvula	Right Declive	NA	NA	NA
62	Right Middle Temporal Gyrus	Right Superior Temporal Gyrus	NA	NA	NA
63	Right Middle Frontal Gyrus	Right Precentral Gyrus	Right Superior Frontal Gyrus	NA	NA
64	Right Middle Frontal Gyrus	Right Superior Frontal Gyrus	NA	NA	NA
65	Right Orbital Gyrus	Right Medial Frontal Gyrus	Left Medial Frontal Gyrus	NA	NA
67	Right Middle Frontal Gyrus	NA	NA	NA	NA
68	Right Declive	Right Parahippocampal Gyrus	NA	NA	NA
69	Right Medial Frontal Gyrus	NA	NA	NA	NA
71	Right Cingulate Gyrus	Left Paracentral Lobule	Left Superior Frontal Gyrus	Right Medial Frontal Gyrus	NA
74	Right Inferior Frontal Gyrus	Right Middle Frontal Gyrus	Right Subgenual Anterior Cingulate Cortex	NA	NA
75	Right Superior Temporal Gyrus	Right Inferior Parietal Lobule	Right Supramarginal Gyrus	NA	NA
77	Right Ventral Hippocampus	Right Culmen	NA	NA	NA
78	Right Inferior Frontal Gyrus	Right Middle Frontal Gyrus	NA	NA	NA
80	Right Superior Parietal Lobule	Right Precuneus	NA	NA	NA
81	Right Medial Frontal Gyrus	NA	NA	NA	NA
82	Right Insula	Right Superior Temporal Gyrus	Right Lentiform Nucleus	NA	NA
83	Right Superior Temporal Gyrus	NA	NA	NA	NA
84	Left Cuneus	Right Precuneus	Right Cuneus	NA	NA
85	Right Middle Frontal Gyrus	NA	NA	NA	NA

Continued on next page

Table S4 – continued from previous page

ROI	Region 1	Region 2	Region 3	Region 4	Region 5
87	Right Fusiform Gyrus	Right Middle Temporal Gyrus	Right Middle Occipital Gyrus	NA	NA
88	Right Middle Frontal Gyrus	NA	NA	NA	NA
89	Right Middle Temporal Gyrus	Right Superior Temporal Gyrus	NA	NA	NA
90	Right Fusiform Gyrus	Right Middle Temporal Gyrus	NA	NA	NA
91	Right Inferior Frontal Gyrus	Right Insula	NA	NA	NA
92	Right Cingulate Gyrus	NA	NA	NA	NA
93	Right Insula	Right Precentral Gyrus	NA	NA	NA
94	Right Supramarginal Gyrus	Right Inferior Parietal Lobule	NA	NA	NA
95	Right Middle Temporal Gyrus	NA	NA	NA	NA
96	Right Inferior Occipital Gyrus	Right Lingual Gyrus	NA	NA	NA
97	Right Declive	Right Parahippocampal Gyrus	Right Culmen	NA	NA
98	Right Insula	Right Lentiform Nucleus	NA	NA	NA
99	Right Middle Temporal Gyrus	Right Insula	Right Lentiform Nucleus	NA	NA
100	Right Inferior Parietal Lobule	Right Postcentral Gyrus	NA	NA	NA
101	Right Middle Frontal Gyrus	Right Superior Frontal Gyrus	NA	NA	NA
102	Right Inferior Occipital Gyrus	Right Middle Occipital Gyrus	NA	NA	NA
103	Right Inferior Frontal Gyrus	NA	NA	NA	NA
104	Right Declive	NA	NA	NA	NA
105	Right Medial Frontal Gyrus	Right Middle Frontal Gyrus	Right Superior Frontal Gyrus	NA	NA
106	Right Middle Occipital Gyrus	Right Cuneus	NA	NA	NA
107	Right Middle Frontal Gyrus	NA	NA	NA	NA
108	Right Lingual Gyrus	Right Parahippocampal Gyrus	NA	NA	NA
109	Right Fusiform Gyrus	NA	NA	NA	NA
111	Right Superior Temporal Gyrus	Right Inferior Frontal Gyrus	NA	NA	NA
112	Right Inferior Temporal Gyrus	Right Uncus	NA	NA	NA

Continued on next page

Table S4 – continued from previous page

ROI	Region 1	Region 2	Region 3	Region 4	Region 5
113	Right Culmen	Right Parahippocampal Gyrus	NA	NA	NA
114	Right Nucleus Accumbens	Right Subgenual Anterior Cingulate Cortex	Right Caudate Head	NA	NA
116	Right Middle Frontal Gyrus	NA	NA	NA	NA
118	Right Thalamus	NA	NA	NA	NA
119	Left Medial Frontal Gyrus	Right Medial Frontal Gyrus	NA	NA	NA
120	Right Middle Occipital Gyrus	NA	NA	NA	NA
121	Right Lingual Gyrus	NA	NA	NA	NA
122	Right Superior Temporal Gyrus	Right Inferior Parietal Lobule	NA	NA	NA
123	Right Superior Temporal Gyrus	NA	NA	NA	NA
124	Right Middle Frontal Gyrus	Right Precentral Gyrus	NA	NA	NA
125	Right Inferior Parietal Lobule	NA	NA	NA	NA
127	Right Lingual Gyrus	NA	NA	NA	NA
128	Right Inferior Frontal Gyrus	Right Lentiform Nucleus	Right Insula	NA	NA
129	Right Middle Frontal Gyrus	Right Inferior Frontal Gyrus	NA	NA	NA
130	Right Uvula	NA	NA	NA	NA
131	Right Medial Frontal Gyrus	NA	NA	NA	NA
132	Right Precuneus	Right Cuneus	NA	NA	NA
133	Right Amygdala	Right Inferior Frontal Gyrus	NA	NA	NA
134	Right Middle Frontal Gyrus	Right Superior Frontal Gyrus	NA	NA	NA
135	Left Cingulate Gyrus	Right Cingulate Gyrus	Right Paracentral Lobule	Right Precuneus	NA
136	Right Parahippocampal Gyrus	NA	NA	NA	NA
137	Right Superior Frontal Gyrus	NA	NA	NA	NA
138	Left Anterior Cingulate	Right Cingulate Gyrus	Left Medial Frontal Gyrus	Left Cingulate Gyrus	NA
139	Right Middle Frontal Gyrus	Right Precentral Gyrus	NA	NA	NA
140	Left Middle Frontal Gyrus	Left Superior Frontal Gyrus	NA	NA	NA

Continued on next page

Table S4 – continued from previous page

ROI	Region 1	Region 2	Region 3	Region 4	Region 5
143	Left Middle Frontal Gyrus	NA	NA	NA	NA
144	Locus Coeruleus	Raphe	Ventral Tegmental Area	Left Thalamus	NA
146	Right Precuneus	Left Precuneus	Left Superior Parietal Lobule	NA	NA
147	Left Middle Occipital Gyrus	Left Middle Temporal Gyrus	NA	NA	NA
148	Left Precentral Gyrus	NA	NA	NA	NA
149	Left Lentiform Nucleus	Left Nucleus Accumbens	Left Claustrum	NA	NA
151	Left Subgenual Anterior Cingulate Cortex	Left Nucleus Accumbens	Right Subgenual Anterior Cingulate Cortex	Left Caudate Head	NA
152	Right Cingulate Gyrus	Left Paracentral Lobule	NA	NA	NA
153	Left Middle Occipital Gyrus	Left Cuneus	NA	NA	NA
154	Left Precentral Gyrus	NA	NA	NA	NA
155	Left Thalamus	NA	NA	NA	NA
156	Left Cuneus	NA	NA	NA	NA
157	Left Inferior Parietal Lobule	Left Postcentral Gyrus	NA	NA	NA
160	Left Superior Parietal Lobule	Left Inferior Parietal Lobule	NA	NA	NA
161	Left Anterior Cingulate	NA	NA	NA	NA
163	Left Inferior Frontal Gyrus	NA	NA	NA	NA
166	Left Postcentral Gyrus	NA	NA	NA	NA
167	Left Thalamus	NA	NA	NA	NA
168	Left Lingual Gyrus	Left Cuneus	NA	NA	NA
170	Left Subgenual Anterior Cingulate Cortex	NA	NA	NA	NA
171	Left Posterior Cingulate	Left Cingulate Gyrus	NA	NA	NA
172	Left Superior Frontal Gyrus	NA	NA	NA	NA
173	Left Anterior Cingulate	Left Cingulate Gyrus	Left Medial Frontal Gyrus	Left Superior Frontal Gyrus	NA
177	Left Inferior Frontal Gyrus	Left Middle Frontal Gyrus	NA	NA	NA
178	Left Culmen	Left Declive	NA	NA	NA

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ROI	Region 1	Region 2	Region 3	Region 4	Region 5
179	Left Inferior Frontal Gyrus	Left Middle Frontal Gyrus	NA	NA	NA
180	Left Anterior Cingulate	Left Medial Frontal Gyrus	Left Cingulate Gyrus	NA	NA
181	Left Superior Temporal Gyrus	Left Middle Temporal Gyrus	NA	NA	NA
182	Left Anterior Cingulate	Left Medial Frontal Gyrus	NA	NA	NA
183	Left Superior Temporal Gyrus	Left Insula	Left Inferior Parietal Lobule	NA	NA
185	Left Middle Occipital Gyrus	Left Cuneus	NA	NA	NA
186	Left Cingulate Gyrus	NA	NA	NA	NA
187	Left Medial Frontal Gyrus	Left Cingulate Gyrus	NA	NA	NA
189	Left Inferior Frontal Gyrus	NA	NA	NA	NA
190	Left Precuneus	NA	NA	NA	NA
191	Left Fusiform Gyrus	Left Parahippocampal Gyrus	NA	NA	NA
192	Left Middle Temporal Gyrus	Left Angular Gyrus	NA	NA	NA
193	Left Middle Frontal Gyrus	NA	NA	NA	NA
194	Left Superior Parietal Lobule	Left Angular Gyrus	Left Inferior Parietal Lobule	NA	NA
195	Left Postcentral Gyrus	NA	NA	NA	NA
197	Left Middle Frontal Gyrus	NA	NA	NA	NA
198	Left Inferior Temporal Gyrus	Left Middle Temporal Gyrus	NA	NA	NA
199	Left Amygdala	Left Ventral Hippocampus	NA	NA	NA
201	Left Inferior Temporal Gyrus	Left Fusiform Gyrus	Left Middle Temporal Gyrus	NA	NA
202	Left Declive	Left Culmen	NA	NA	NA
203	Left Middle Frontal Gyrus	NA	NA	NA	NA
204	Left Parahippocampal Gyrus	Left Posterior Cingulate	NA	NA	NA
205	Left Declive	Left Lingual Gyrus	NA	NA	NA
206	Left Inferior Frontal Gyrus	NA	NA	NA	NA
207	Left Lentiform Nucleus	Left Claustrum	NA	NA	NA

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ROI	Region 1	Region 2	Region 3	Region 4	Region 5
208	Left Parahippocampal Gyrus	Left Lingual Gyrus	NA	NA	NA
209	Left Superior Frontal Gyrus	NA	NA	NA	NA
210	Left Middle Temporal Gyrus	Left Superior Temporal Gyrus	NA	NA	NA
212	Left Middle Temporal Gyrus	Left Superior Temporal Gyrus	NA	NA	NA
213	Left Uncus	Left Parahippocampal Gyrus	NA	NA	NA
214	Left Middle Occipital Gyrus	Left Cuneus	Left Precuneus	Left Superior Parietal Lobule	NA
215	Left Inferior Frontal Gyrus	NA	NA	NA	NA
216	Left Inferior Frontal Gyrus	Left Superior Temporal Gyrus	Left Insula	Left Claustrum	NA
217	Left Parahippocampal Gyrus	Left Fusiform Gyrus	NA	NA	NA
218	Left Precentral Gyrus	NA	NA	NA	NA
221	Left Inferior Parietal Lobule	NA	NA	NA	NA
222	Left Middle Occipital Gyrus	Left Middle Temporal Gyrus	NA	NA	NA
223	Left Cuneus	NA	NA	NA	NA
224	Left Cingulate Gyrus	Right Precuneus	Left Precuneus	NA	NA
225	Left Medial Frontal Gyrus	Left Anterior Cingulate	NA	NA	NA
226	Left Middle Frontal Gyrus	NA	NA	NA	NA
228	Left Superior Frontal Gyrus	NA	NA	NA	NA
229	Left Middle Temporal Gyrus	Left Superior Temporal Gyrus	NA	NA	NA
230	Left Cingulate Gyrus	Left Paracentral Lobule	NA	NA	NA
233	Left Parahippocampal Gyrus	NA	NA	NA	NA
234	Left Middle Temporal Gyrus	NA	NA	NA	NA
235	Left Culmen	Left Fusiform Gyrus	Left Middle Occipital Gyrus	NA	NA
236	Left Declive	Left Lingual Gyrus	Left Middle Occipital Gyrus	NA	NA
237	Left Superior Temporal Gyrus	Left Precentral Gyrus	NA	NA	NA
238	Left Middle Temporal Gyrus	NA	NA	NA	NA

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ROI	Region 1	Region 2	Region 3	Region 4	Region 5
239	Locus Coeruleus	NA	NA	NA	NA
240	Left Superior Parietal Lobule	Left Postcentral Gyrus	NA	NA	NA
241	Left Superior Temporal Gyrus	NA	NA	NA	NA
242	Left Middle Frontal Gyrus	Left Precentral Gyrus	NA	NA	NA
243	Left Inferior Temporal Gyrus	Left Parahippocampal Gyrus	Left Fusiform Gyrus	NA	NA
244	Left Middle Temporal Gyrus	NA	NA	NA	NA
245	Left Superior Temporal Gyrus	Left Inferior Parietal Lobule	NA	NA	NA
246	Left Precentral Gyrus	NA	NA	NA	NA
247	Left Middle Occipital Gyrus	Left Inferior Occipital Gyrus	NA	NA	NA
248	Left Superior Frontal Gyrus	Left Medial Frontal Gyrus	NA	NA	NA
249	Left Precuneus	NA	NA	NA	NA
250	Left Precuneus	Left Superior Parietal Lobule	NA	NA	NA
252	Left Culmen	NA	NA	NA	NA
253	Right Medial Frontal Gyrus	Left Medial Frontal Gyrus	Left Paracentral Lobule	NA	NA
254	Left Postcentral Gyrus	Left Precentral Gyrus	NA	NA	NA
255	Left Precuneus	Left Postcentral Gyrus	Left Paracentral Lobule	NA	NA
257	Left Lingual Gyrus	Left Inferior Occipital Gyrus	Left Middle Occipital Gyrus	NA	NA
258	Left Cingulate Gyrus	Right Cingulate Gyrus	NA	NA	NA
259	Left Middle Frontal Gyrus	Left Superior Frontal Gyrus	NA	NA	NA
262	Left Postcentral Gyrus	Left Precentral Gyrus	Left Medial Frontal Gyrus	NA	NA
263	Right Subgenual Anterior Cingulate Cortex	Left Subgenual Anterior Cingulate Cortex	Left Caudate Head	NA	NA
264	Left Cingulate Gyrus	Left Paracentral Lobule	Left Superior Frontal Gyrus	Right Medial Frontal Gyrus	NA
266	Left Parahippocampal Gyrus	Left Ventral Hippocampus	NA	NA	NA
267	Left Superior Frontal Gyrus	NA	NA	NA	NA
268	Left Superior Temporal Gyrus	Left Postcentral Gyrus	Left Precentral Gyrus	NA	NA

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ROI	Region 1	Region 2	Region 3	Region 4	Region 5
269	Left Claustrum	Left Precentral Gyrus	NA	NA	NA
270	Left Cuneus	NA	NA	NA	NA
271	Left Medial Frontal Gyrus	NA	NA	NA	NA
273	Left Lentiform Nucleus	NA	NA	NA	NA
274	Left Superior Frontal Gyrus	NA	NA	NA	NA
275	Left Middle Temporal Gyrus	Left Superior Parietal Lobule	NA	NA	NA
276	Left Middle Frontal Gyrus	NA	NA	NA	NA
277	Left Superior Frontal Gyrus	Left Medial Frontal Gyrus	NA	NA	NA
278	Left Precentral Gyrus	NA	NA	NA	NA