Table 1: Standardized beta coefficients, P values, and brain regions for important mapped Shen atlas ROIs. Brain regions were assigned to each Shen ROI based on overlap with known Power ROI brain regions. Brain regions for Shen ROIs that did not overlap any Power ROIs were assigned NA.

243 9.5173 3.40e-19 NA 99 9.3489 1.67e-18 Right Medial Frontal Gyrus 5 9.0332 3.04e-17 NA 29 9.0313 3.08e-17 NA 277 8.4150 6.68e-15 Right Declive 178 7.8334 7.68e-13 NA 127 7.7575 1.39e-12 Right Middle Temporal Gyrus 105 7.5458 7.13e-12 Left Declive, Right Declive, Left Lingual Gyr 262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number<	ROI	$oldsymbol{eta_a}$	P Value	Brain Region
5 9.0332 3.04e-17 NA 29 9.0313 3.08e-17 NA 277 8.4150 6.68e-15 Right Declive 178 7.8334 7.68e-13 NA 127 7.7575 1.39e-12 Right Middle Temporal Gyrus 105 7.5458 7.13e-12 Left Declive, Right Declive, Left Lingual Gyr 262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 201 number number region	243	9.5173	$\overline{3.40e-19}$	NA
29 9.0313 3.08e-17 NA 277 8.4150 6.68e-15 Right Declive 178 7.8334 7.68e-13 NA 127 7.7575 1.39e-12 Right Middle Temporal Gyrus 105 7.5458 7.13e-12 Left Declive, Right Declive, Left Lingual Gyr 262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 202 number number region	99	9.3489	1.67e-18	Right Medial Frontal Gyrus
277 8.4150 6.68e-15 Right Declive 178 7.8334 7.68e-13 NA 127 7.7575 1.39e-12 Right Middle Temporal Gyrus 105 7.5458 7.13e-12 Left Declive, Right Declive, Left Lingual Gyr 262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 202 number region 202 number number region 253	5	9.0332	3.04e-17	NA
178 7.8334 7.68e-13 NA 127 7.7575 1.39e-12 Right Middle Temporal Gyrus 105 7.5458 7.13e-12 Left Declive, Right Declive, Left Lingual Gyr 262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 201 number region 202 number region 203 number region 204 number region	29	9.0313	3.08e-17	NA
127 7.7575 1.39e-12 Right Middle Temporal Gyrus 105 7.5458 7.13e-12 Left Declive, Right Declive, Left Lingual Gyr 262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 21 number region 22 number region 23 number region 24 number region 25 number number region </td <td>277</td> <td>8.4150</td> <td>6.68e-15</td> <td>Right Declive</td>	277	8.4150	6.68e-15	Right Declive
105 7.5458 7.13e-12 Left Declive, Right Declive, Left Lingual Gyr 262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 21 number region 202 number region 136 number number region 253 number number region 113 number region	178	7.8334	7.68e-13	NA
262 7.5352 7.72e-12 NA 96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 21 number number region 21 number number region 202 number number region 253 number number region 113 number number region	127	7.7575	1.39e-12	Right Middle Temporal Gyrus
96 7.3053 4.32e-11 Left Declive 239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 21 number region 21 number region 202 number number region 253 number number region 253 number number region 113 number number region	105	7.5458	7.13e-12	Left Declive, Right Declive, Left Lingual Gyrus
239 7.2127 8.50e-11 NA 104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 19 number region 21 number region 202 number region 136 number region 253 number number region 113 number number region	262	7.5352	7.72e-12	NA
104 6.2918 4.65e-08 NA 217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 19 number region 21 number region 202 number region 136 number number region 253 number number region 113 number number region	96	7.3053	4.32e-11	Left Declive
217 6.2916 4.67e-08 NA 238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 19 number region 21 number number 202 number region 136 number number 133 number number 134 number region 135 number number	239	7.2127	8.50e-11	NA
238 5.9340 4.33e-07 NA 83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 19 number region 21 number region 202 number region 136 number number 133 number number 134 number region 135 number number	104	6.2918	4.65e-08	NA
83 4.9343 1.15e-04 Right Uvula 57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 19 number region 21 number region 202 number region 136 number number region 253 number number region 113 number number region	217	6.2916	4.67e-08	NA
57 4.8789 1.52e-04 NA 7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number region 102 number region 19 number region 21 number number 202 number region 136 number number 253 number number 113 number number	238	5.9340	4.33e-07	NA
7 4.8009 2.25e-04 NA 12 4.6691 4.33e-04 Locus Coeruleus 32 number number region 102 number number region 19 number number region 21 number number region 202 number number region 136 number number region 253 number number region 113 number number region 114 region 115 region 116 region 117 region 118 region	83	4.9343	1.15e-04	Right Uvula
12 4.6691 4.33e-04 Locus Coeruleus 32 number number region 102 number number region 19 number number region 21 number number region 202 number number region 136 number number region 253 number number region 113 number number region 114 region 115 number number region 116 region	57	4.8789	1.52e-04	NA
32numbernumberregion102numbernumberregion19numbernumberregion21numbernumberregion202numbernumberregion136numbernumberregion253numbernumberregion113numbernumberregion	7	4.8009	2.25e-04	NA
102numberregion19numbernumber21numberregion202numbernumber136numbernumber253numbernumber113numberregion	12	4.6691	4.33e-04	Locus Coeruleus
19 number number region 21 number number region 202 number number region 136 number number region 253 number number region 113 number number region	32	number	number	region
21 number number region 202 number number region 136 number number region 253 number number region 113 number number region	102	number	number	region
202 number number region 136 number number region 253 number number region 113 number number region	19	number	number	region
136 number number region 253 number number region 113 number number region	21	number	number	region
253 number number region 113 number number region	202	number	number	region
113 number number region	136	number	number	region
<u> </u>	253	number	number	region
271 number number region	113	number	number	region
	271	number	number	region
215 number number region	215	number	number	region

Continued on next page

Table 1 – continued from previous page

ROI	$oldsymbol{eta_a}$	P Value	Brain Region
130	number	number	region
257	number	number	region
237	number	number	region
245	number	number	region
80	number	number	region
247	number	number	region
55	number	number	region
8	number	number	region
45	number	number	region
24	number	number	region
84	number	number	region
121	number	number	region
206	number	number	region
38	number	number	region
193	number	number	region
28	number	number	region
213	number	number	region
147	number	number	region
87	number	number	region
218	number	number	region
103	number	number	region