

## Supplementary Tables

<b>Supplementary Table 1</b>	
<b>Region of Interest</b>	<b>Number of Vertices</b>
Accumbens	930
Amygdala	1368
Caudate	2502
Hippocampus	2502
Pallidum	1254
Putamen	2502
Thalamus	2502

<b>Supplemental Table 2.</b>					
<b>Region of Interest</b>	<b>Estimate</b>	<b>SE</b>	<b>T</b>	<b>P</b>	<b>FDR</b>
Left.Cerebellum.White.Matter	-24.48	368.36	-0.07	0.95	0.98
Left.Cerebellum.Cortex	249.99	924.96	0.27	0.79	0.97
Right.Cerebellum.White.Matter	465.11	387.93	1.20	0.23	0.94
Right.Cerebellum.Cortex	-224.57	944.10	-0.24	0.81	0.97
Left.Thalamus.Proper	-100.31	142.79	-0.70	0.48	0.94
Right.Thalamus.Proper	-55.90	115.00	-0.49	0.63	0.97
Left.Caudate	32.91	83.46	0.39	0.69	0.97
Right.Caudate	61.19	79.36	0.77	0.44	0.94
Left.Putamen	90.66	130.57	0.69	0.49	0.94
Right.Putamen	67.38	102.18	0.66	0.51	0.94
Left.Pallidum	-15.08	44.03	-0.34	0.73	0.97
Right.Pallidum	8.92	40.63	0.22	0.83	0.97
Left.Lateral.Ventricle	-135.24	463.05	-0.29	0.77	0.97
X3rd.Ventricle	57.50	42.15	1.36	0.17	0.94
X4th.Ventricle	-120.71	91.15	-1.32	0.19	0.94

Right.Lateral.Ventricle	816.83	719.42	1.14	0.26	0.94
X5th.Ventricle	-0.49	1.56	-0.32	0.75	0.97
Left.Accumbens.area	29.84	18.90	1.58	0.12	0.94
Right.Accumbens.area	2.97	16.50	0.18	0.86	0.97
Brain.Stem	-592.63	372.66	-1.59	0.11	0.94
Left.Hippocampus	-0.05	64.82	0.00	1.00	1.00
Right.Hippocampus	-25.66	72.85	-0.35	0.73	0.97
Left.Amygdala	-13.57	36.11	-0.38	0.71	0.97
Right.Amygdala	-14.54	36.97	-0.39	0.69	0.97
CC_Posterior	8.22	25.28	0.33	0.75	0.97
CC_Anterior	4.87	28.25	0.17	0.86	0.97

**Supplemental Table 3**

Y	ME	Estimate	SE	T	P	FDR
<b>Left Lateral Ventricle</b>	<b>TSI</b>	-2134.67	1017.97	-2.10	0.04	0.87
<b>3rd Ventricle</b>	<b>TSI</b>	-177.81	51.19	-3.47	0.00	0.12
<b>Left Accumbens</b>	<b>TSI</b>	77.02	24.90	3.09	0.00	0.15
<b>Right Amygdala</b>	<b>TSI</b>	131.20	43.06	3.05	0.00	0.15
<b>Left Lateral Ventricle</b>	<b>Mental</b>	1686.82	680.77	2.48	0.01	0.47
<b>Right Lateral Ventricle</b>	<b>Mental</b>	1605.79	712.27	2.25	0.03	0.67

**Supplementary Table 4: Preliminary Results FDR corrected for shape analyses**

Test	# Sig. Vertices	Mean T-Value	Effect Size	Mean Coefficient
ATTN_Binary_Left_Hippo_RD	2	4.581121	0.20574017	0.3646965
TBI_MOI_Binary_Left_Accum_JD	355	2.854774	1.48850018	0.2002825
TBI_MOI_Binary_Left_Accum_RD	138	3.009817	0.12580693	0.4901391
TBI_MOI_Binary_Right_Accum_JD	267	2.904324	0.40582721	0.1066334
TBI_MOI_Binary_Right_Accum_RD	61	3.170112	0.08704717	0.378449
TSI_Right_Hippo_RD	5	-4.675721	0.09957415	-0.5760161