

Supplementary Table 2. Correlation Coefficients and FDR-corrected p value for Cross-metric Asymmetry Correlations, by FreeSurfer Parcellation

Parcellation Number	Parcellation Name	Surface Area x LGI		Surface Area x Thickness		LGI x Thickness	
		R Value	FDR p	R Value	FDR p	R Value	FDR p
1	asy_GS_frontomargin	0.277	0.00073	-0.075	0.39813	-0.265	0.00085
2	asy_GS_occipital_inf	-0.058	0.54867	0.135	0.12852	-0.074	0.37375
3	asy_GS_paracentral	0.006	0.96002	0.073	0.39858	-0.262	0.00085
4	asy_GS_subcentral	-0.146	0.11022	-0.191	0.02299	0.010	0.94988
6	asy_GS_cingul-Ant	0.114	0.21840	-0.191	0.02299	-0.477	0.00000
7	asy_GS_cingul-Mid-Ant	0.047	0.65344	-0.037	0.72116	-0.359	0.00001
8	asy_GS_cingul-Mid-Post	0.023	0.84467	-0.038	0.71898	-0.301	0.00011
9	asy_G_cingul-Post-dorsal	0.170	0.06800	-0.116	0.17732	-0.081	0.33294
10	asy_G_cingul-Post-ventral	0.010	0.93432	-0.238	0.00397	0.168	0.04201
11	asy_G_cuneus	-0.036	0.72619	-0.174	0.03853	-0.132	0.11862
12	asy_G_front_inf-Opercular	-0.130	0.15028	-0.381	0.00000	-0.019	0.85173
14	asy_G_front_inf-Triangul	0.081	0.41162	-0.198	0.01851	-0.004	0.97730
15	asy_G_front_middle	-0.011	0.92693	-0.214	0.01063	-0.348	0.00001
16	asy_G_front_sup	0.146	0.11022	-0.353	0.00000	-0.203	0.01088
17	asy_G_Ins_lgS_cent_ins	0.138	0.12653	-0.262	0.00170	-0.082	0.32947
18	asy_G_insular_short	0.063	0.52069	-0.432	0.00000	-0.006	0.97730
19	asy_G_occipital_middle	0.078	0.41162	-0.162	0.05675	-0.037	0.67909
20	asy_G_occipital_sup	-0.029	0.79295	-0.009	0.91729	-0.259	0.00085
21	asy_G_oc-temp_lat-fusifor	0.076	0.41162	-0.239	0.00397	-0.126	0.11496
22	asy_G_oc-temp_med-Lingual	0.039	0.72619	-0.239	0.00397	-0.113	0.17810
23	asy_G_oc-temp_med-Parahip	-0.216	0.01428	0.074	0.39813	-0.110	0.19151
24	asy_G_orbital	0.145	0.11070	-0.213	0.01063	-0.115	0.17398
25	asy_G_pariet_inf-Angular	-0.099	0.28386	-0.016	0.87040	-0.293	0.00018
26	asy_G_pariet_inf-Supramar	-0.106	0.24976	-0.226	0.00680	-0.131	0.11928
27	asy_G_parietal_sup	0.203	0.01943	-0.178	0.03518	-0.209	0.00917
28	asy_G_postcentral	0.095	0.29920	0.200	0.01840	0.075	0.37182
29	asy_G_precentral	0.108	0.24480	-0.441	0.00000	-0.106	0.19677
30	asy_G_precuneus	-0.016	0.90703	-0.305	0.00014	-0.179	0.02821
31	asy_G_rectus	0.035	0.72619	-0.217	0.00971	-0.095	0.25528
33	asy_G_temp_sup-G_T_transv	-0.160	0.08661	-0.023	0.81644	-0.225	0.00476
34	asy_G_temp_sup-Lateral	-0.159	0.08661	0.009	0.91729	-0.135	0.11520
35	asy_G_temp_sup-Plan_polar	0.497	0.00000	-0.419	0.00000	-0.322	0.00004
36	asy_G_temp_sup-Plan_tempo	-0.139	0.12467	0.112	0.18725	-0.133	0.11862
37	asy_G_temporal_inf	0.347	0.00002	-0.076	0.39813	-0.139	0.10748
38	asy_G_temporal_middle	0.047	0.65344	-0.086	0.33734	-0.228	0.00453
39	asy_Lat_Fis-ant-Horizont	-0.071	0.45022	-0.127	0.15104	0.259	0.00085
40	asy_Lat_Fis-ant-Vertical	0.148	0.11022	-0.130	0.14004	-0.213	0.00773
41	asy_Lat_Fis-post	-0.153	0.10006	-0.011	0.91729	-0.002	0.97730
42	asy_Pole_occipital	-0.012	0.92693	-0.156	0.06901	-0.064	0.44618
43	asy_Pole_temporal	0.097	0.29495	-0.138	0.12217	-0.277	0.00040
44	asy_S_calcarine	0.279	0.00073	-0.119	0.17018	-0.026	0.80195
45	asy_S_central	0.179	0.05077	0.148	0.08840	-0.020	0.85173
46	asy_S_cingul-Marginalis	0.302	0.00022	0.116	0.17732	-0.106	0.19677
47	asy_S_circular_insula_ant	0.077	0.41162	-0.092	0.30260	-0.088	0.29226
48	asy_S_circular_insula_inf	-0.121	0.18530	0.098	0.26378	-0.049	0.58058
49	asy_S_circular_insula_sup	0.001	0.99200	0.066	0.44288	0.043	0.62560
50	asy_S_collat_transv_ant	0.101	0.27397	-0.187	0.02442	-0.224	0.00476
51	asy_S_collat_transv_post	0.041	0.70581	-0.084	0.33928	-0.116	0.17102
52	asy_S_front_inf	-0.161	0.08661	0.033	0.73763	-0.117	0.17102
53	asy_S_front_middle	0.276	0.00073	0.034	0.73763	-0.288	0.00023
54	asy_S_front_sup	0.236	0.00680	-0.074	0.39813	-0.203	0.01088
56	asy_S_intraparietP_trans	0.110	0.23761	-0.018	0.86554	-0.123	0.14817
57	asy_S_oc_middleLunatus	0.319	0.00009	-0.190	0.02299	-0.149	0.08207
58	asy_S_oc_suptransversal	0.061	0.52931	-0.003	0.97050	-0.107	0.19677
60	asy_S_oc-temp_lat	0.207	0.01870	-0.272	0.00092	-0.333	0.00002
61	asy_S_oc-temp_medLingual	0.114	0.21840	-0.243	0.00378	-0.241	0.00240
62	asy_S_orbital_lateral	-0.140	0.12467	-0.114	0.18411	-0.003	0.97730
63	asy_S_orbital_med-olfact	0.121	0.18530	0.119	0.17018	0.135	0.11520
64	asy_S_orbital-H_Shaped	-0.005	0.96002	-0.106	0.22149	-0.319	0.00005
65	asy_S_parieto_occipital	0.207	0.01870	0.045	0.64600	-0.217	0.00648
66	asy_S_pericallosal	-0.078	0.41162	-0.170	0.04352	-0.307	0.00009
67	asy_S_postcentral	0.076	0.41162	0.130	0.14004	-0.068	0.41455
68	asy_S_precentral-inf-part	-0.220	0.01284	-0.068	0.43366	0.089	0.29226
69	asy_S_precentral-sup-part	0.155	0.09724	-0.031	0.74755	0.062	0.44618
71	asy_S_subparietal	-0.136	0.12920	-0.120	0.17018	-0.184	0.02354
72	asy_S_temporal_inf	0.203	0.01943	-0.119	0.17018	-0.141	0.10472
73	asy_S_temporal_sup	-0.036	0.72619	0.029	0.76628	-0.316	0.00005
74	asy_S_temporal_transverse	-0.019	0.88043	-0.089	0.31386	-0.106	0.19677