

Supplementary Table 1. Genome-wide SNP heritability estimates of 139 brain traits

PHENO	H2	SE	P	FDR	meta.Z	GSP.H2	GSP.SE	QTIM.H2	QTIM.SE
Intracranial volume	0.880	0.238	1.11E-04	0.004	3.693	0.920	0.250	0.490	0.785
Overall mean cortical thickness	0.796	0.244	5.43E-04	0.011	3.267	0.806	0.258	0.719	0.745
Total surface area	0.443	0.245	3.51E-02	0.125	1.811	0.383	0.258	1.000	0.784
Left banks superior temporal sulcus surface area	0.018	0.253	4.71E-01	0.500	0.073	0.021	0.267	0.000	0.778
Left banks superior temporal sulcus thickness	0.680	0.242	2.42E-03	0.024	2.818	0.692	0.256	0.587	0.738
Left caudal anterior-cingulate cortex surface area	0.107	0.254	3.36E-01	0.426	0.423	0.000	0.268	1.000	0.774
Left caudal anterior-cingulate cortex thickness	0.319	0.257	1.07E-01	0.204	1.242	0.232	0.272	1.000	0.766
Left caudal middle frontal gyrus surface area	0.097	0.247	3.48E-01	0.430	0.392	0.000	0.261	0.946	0.773
Left caudal middle frontal gyrus thickness	0.222	0.244	1.81E-01	0.297	0.913	0.193	0.256	0.495	0.784
Left cuneus cortex surface area	0.108	0.249	3.32E-01	0.426	0.433	0.000	0.264	1.000	0.759
Left cuneus cortex thickness	0.550	0.244	1.21E-02	0.071	2.254	0.509	0.257	0.935	0.782
Left entorhinal cortex surface area	0.406	0.261	6.03E-02	0.159	1.552	0.343	0.275	1.000	0.844
Left entorhinal cortex thickness	0.587	0.249	9.27E-03	0.064	2.355	0.539	0.264	0.981	0.757
Left frontal pole surface area	0.066	0.248	3.95E-01	0.462	0.266	0.000	0.264	0.588	0.741
Left frontal pole thickness	0.094	0.246	3.52E-01	0.430	0.380	0.104	0.259	0.000	0.785
Left fusiform gyrus surface area	0.566	0.259	1.44E-02	0.074	2.188	0.501	0.277	1.000	0.718
Left fusiform gyrus thickness	0.108	0.250	3.33E-01	0.426	0.433	0.000	0.265	1.000	0.760
Left inferior parietal cortex surface area	0.361	0.252	7.58E-02	0.170	1.434	0.361	0.266	0.362	0.765
Left inferior parietal cortex thickness	0.566	0.248	1.12E-02	0.071	2.283	0.621	0.262	0.075	0.783
Left inferior temporal gyrus surface area	0.224	0.250	1.86E-01	0.297	0.894	0.250	0.264	0.000	0.769
Left inferior temporal gyrus thickness	0.178	0.244	2.34E-01	0.345	0.727	0.130	0.260	0.546	0.724
Left insula cortex surface area	0.561	0.251	1.26E-02	0.071	2.240	0.584	0.265	0.365	0.783
Left insula cortex thickness	0.359	0.243	7.00E-02	0.159	1.476	0.397	0.256	0.000	0.782
Left isthmus-cingulate cortex surface area	0.391	0.257	6.44E-02	0.159	1.518	0.435	0.271	0.000	0.808
Left isthmus-cingulate cortex thickness	0.278	0.242	1.25E-01	0.235	1.149	0.308	0.254	0.000	0.771
Left lateral occipital cortex surface area	0.319	0.251	1.01E-01	0.196	1.274	0.347	0.266	0.098	0.746
Left lateral occipital cortex thickness	0.498	0.248	2.23E-02	0.091	2.008	0.481	0.263	0.635	0.746
Left lateral orbital frontal cortex surface area	0.418	0.248	4.63E-02	0.140	1.682	0.394	0.260	0.675	0.857
Left lateral orbital frontal cortex thickness	0.210	0.248	1.99E-01	0.310	0.846	0.155	0.263	0.629	0.730
Left lingual gyrus surface area	0.126	0.246	3.04E-01	0.410	0.513	0.140	0.259	0.000	0.785
Left lingual gyrus thickness	0.400	0.242	4.93E-02	0.142	1.652	0.334	0.257	0.934	0.729
Left medial orbital frontal cortex surface area	0.426	0.245	4.07E-02	0.132	1.742	0.466	0.259	0.088	0.754
Left medial orbital frontal cortex thickness	0.084	0.246	3.66E-01	0.439	0.342	0.093	0.259	0.000	0.787
Left middle temporal gyrus surface area	0.007	0.245	4.88E-01	0.500	0.030	0.008	0.257	0.000	0.809
Left middle temporal gyrus thickness	0.325	0.247	9.40E-02	0.192	1.316	0.367	0.263	0.000	0.732
Left paracentral lobule surface area	0.386	0.253	6.33E-02	0.159	1.527	0.334	0.267	0.840	0.791
Left paracentral lobule thickness	0.446	0.248	3.63E-02	0.125	1.795	0.502	0.264	0.000	0.739
Left parahippocampal gyrus surface area	0.363	0.261	8.19E-02	0.178	1.392	0.337	0.278	0.556	0.750
Left parahippocampal gyrus thickness	0.273	0.257	1.44E-01	0.260	1.063	0.311	0.274	0.000	0.735
Left pars opercularis surface area	0.000	0.247	5.00E-01	0.500	0.000	0.000	0.260	0.000	0.802
Left pars opercularis thickness	0.000	0.248	5.00E-01	0.500	0.000	0.000	0.265	0.000	0.710

Left pars orbitalis surface area	0.188	0.249	2.25E-01	0.336	0.756	0.092	0.263	1.000	0.766
Left pars orbitalis thickness	0.224	0.244	1.79E-01	0.297	0.917	0.247	0.256	0.000	0.793
Left pars triangularis surface area	0.047	0.243	4.23E-01	0.485	0.195	0.000	0.255	0.510	0.797
Left pars triangularis thickness	0.079	0.251	3.77E-01	0.448	0.312	0.000	0.266	0.734	0.769
Left pericalcarine cortex surface area	0.201	0.247	2.09E-01	0.319	0.810	0.117	0.260	0.991	0.800
Left pericalcarine cortex thickness	0.457	0.258	3.80E-02	0.126	1.774	0.506	0.271	0.000	0.825
Left postcentral gyrus surface area	0.095	0.252	3.52E-01	0.430	0.379	0.091	0.266	0.137	0.783
Left postcentral gyrus thickness	0.501	0.249	2.21E-02	0.091	2.013	0.526	0.265	0.313	0.726
Left posterior-cingulate cortex surface area	0.236	0.253	1.75E-01	0.297	0.935	0.222	0.269	0.350	0.747
Left posterior-cingulate cortex thickness	0.601	0.246	7.26E-03	0.056	2.444	0.676	0.261	0.000	0.742
Left precentral gyrus surface area	0.373	0.248	6.66E-02	0.159	1.501	0.308	0.261	1.000	0.811
Left precentral gyrus thickness	0.718	0.249	1.97E-03	0.021	2.883	0.707	0.264	0.811	0.754
Left precuneus cortex surface area	0.555	0.262	1.70E-02	0.079	2.119	0.618	0.277	0.035	0.795
Left precuneus cortex thickness	0.896	0.245	1.29E-04	0.004	3.654	1.000	0.261	0.120	0.714
Left rostral anterior cingulate cortex surface area	0.143	0.248	2.83E-01	0.393	0.575	0.046	0.262	1.000	0.780
Left rostral anterior cingulate cortex thickness	0.737	0.243	1.20E-03	0.017	3.037	0.791	0.256	0.271	0.748
Left rostral middle frontal gyrus surface area	0.446	0.250	3.70E-02	0.125	1.787	0.408	0.265	0.747	0.743
Left rostral middle frontal gyrus thickness	0.094	0.245	3.51E-01	0.430	0.382	0.000	0.257	1.000	0.801
Left superior frontal gyrus surface area	0.418	0.254	4.97E-02	0.142	1.648	0.350	0.268	1.000	0.787
Left superior frontal gyrus thickness	0.597	0.246	7.69E-03	0.056	2.423	0.596	0.260	0.606	0.777
Left superior parietal gyrus surface area	0.558	0.251	1.32E-02	0.071	2.220	0.613	0.264	0.000	0.836
Left superior parietal gyrus thickness	0.903	0.241	8.86E-05	0.004	3.750	1.000	0.253	0.000	0.773
Left superior temporal gyrus surface area	0.658	0.244	3.47E-03	0.032	2.700	0.688	0.257	0.390	0.769
Left superior temporal gyrus thickness	0.456	0.254	3.66E-02	0.125	1.791	0.515	0.271	0.000	0.749
Left supramarginal gyrus surface area	0.158	0.259	2.71E-01	0.381	0.610	0.057	0.274	1.000	0.790
Left supramarginal gyrus thickness	0.426	0.247	4.20E-02	0.133	1.728	0.441	0.262	0.315	0.726
Left temporal pole surface area	0.109	0.250	3.31E-01	0.426	0.437	0.000	0.264	1.000	0.756
Left temporal pole thickness	0.068	0.249	3.93E-01	0.462	0.272	0.000	0.262	0.678	0.787
Left transverse temporal cortex surface area	0.230	0.250	1.79E-01	0.297	0.920	0.137	0.265	1.000	0.761
Left transverse temporal cortex thickness	0.555	0.245	1.18E-02	0.071	2.262	0.507	0.258	1.000	0.785
Right banks superior temporal sulcus surface area	0.013	0.243	4.78E-01	0.500	0.054	0.000	0.256	0.133	0.771
Right banks superior temporal sulcus thickness	0.162	0.239	2.49E-01	0.363	0.679	0.180	0.252	0.000	0.751
Right caudal anterior-cingulate cortex surface area	0.014	0.252	4.77E-01	0.500	0.057	0.000	0.267	0.132	0.763
Right caudal anterior-cingulate cortex thickness	0.000	0.251	5.00E-01	0.500	0.000	0.000	0.265	0.000	0.795
Right caudal middle frontal gyrus surface area	0.115	0.246	3.20E-01	0.426	0.469	0.128	0.259	0.000	0.800
Right caudal middle frontal gyrus thickness	0.209	0.249	2.00E-01	0.310	0.840	0.159	0.263	0.636	0.771
Right cuneus cortex surface area	0.377	0.250	6.58E-02	0.159	1.508	0.298	0.265	1.000	0.747
Right cuneus cortex thickness	0.723	0.251	1.97E-03	0.021	2.883	0.743	0.264	0.538	0.815
Right entorhinal cortex surface area	0.651	0.251	4.78E-03	0.042	2.591	0.683	0.266	0.382	0.772
Right entorhinal cortex thickness	0.250	0.245	1.53E-01	0.273	1.023	0.276	0.257	0.000	0.799
Right frontal pole surface area	0.045	0.241	4.25E-01	0.485	0.188	0.000	0.256	0.411	0.726
Right frontal pole thickness	0.314	0.246	1.01E-01	0.196	1.275	0.311	0.260	0.338	0.767
Right fusiform gyrus surface area	0.000	0.249	5.00E-01	0.500	0.000	0.000	0.264	0.000	0.766
Right fusiform gyrus thickness	0.138	0.254	2.93E-01	0.404	0.544	0.155	0.270	0.000	0.761

Right inferior parietal cortex surface area	0.227	0.249	1.81E-01	0.297	0.911	0.254	0.264	0.000	0.765
Right inferior parietal cortex thickness	0.218	0.243	1.86E-01	0.297	0.894	0.239	0.258	0.047	0.725
Right inferior temporal gyrus surface area	0.323	0.252	9.95E-02	0.196	1.284	0.254	0.264	1.000	0.829
Right inferior temporal gyrus thickness	0.340	0.252	8.85E-02	0.186	1.350	0.283	0.266	0.838	0.788
Right insula cortex surface area	0.878	0.252	2.46E-04	0.006	3.485	0.886	0.265	0.806	0.808
Right insula cortex thickness	0.452	0.250	3.55E-02	0.125	1.805	0.441	0.266	0.540	0.754
Right isthmus-cingulate cortex surface area	0.008	0.251	4.88E-01	0.500	0.031	0.000	0.268	0.063	0.713
Right isthmus-cingulate cortex thickness	0.354	0.252	7.98E-02	0.176	1.406	0.392	0.265	0.000	0.810
Right lateral occipital cortex surface area	0.370	0.242	6.30E-02	0.159	1.530	0.297	0.255	1.000	0.752
Right lateral occipital cortex thickness	0.232	0.255	1.82E-01	0.297	0.909	0.258	0.269	0.000	0.794
Right lateral orbital frontal cortex surface area	0.088	0.242	3.58E-01	0.432	0.364	0.000	0.254	1.000	0.815
Right lateral orbital frontal cortex thickness	0.483	0.240	2.22E-02	0.091	2.010	0.460	0.254	0.682	0.743
Right lingual gyrus surface area	0.131	0.246	2.97E-01	0.404	0.534	0.104	0.259	0.385	0.784
Right lingual gyrus thickness	0.195	0.249	2.17E-01	0.328	0.783	0.174	0.264	0.360	0.750
Right medial orbital frontal cortex surface area	0.375	0.248	6.53E-02	0.159	1.512	0.306	0.261	1.000	0.787
Right medial orbital frontal cortex thickness	0.406	0.251	5.28E-02	0.144	1.618	0.396	0.264	0.490	0.798
Right middle temporal gyrus surface area	0.610	0.244	6.20E-03	0.051	2.501	0.569	0.257	1.000	0.788
Right middle temporal gyrus thickness	0.340	0.248	8.54E-02	0.183	1.370	0.261	0.264	0.964	0.739
Right paracentral lobule surface area	0.037	0.252	4.42E-01	0.490	0.146	0.000	0.265	0.408	0.840
Right paracentral lobule thickness	0.494	0.252	2.51E-02	0.099	1.959	0.557	0.268	0.000	0.749
Right parahippocampal gyrus surface area	0.278	0.253	1.36E-01	0.249	1.099	0.312	0.268	0.000	0.763
Right parahippocampal gyrus thickness	0.000	0.261	5.00E-01	0.500	0.000	0.000	0.277	0.000	0.785
Right pars opercularis surface area	0.545	0.252	1.54E-02	0.076	2.161	0.490	0.267	1.000	0.765
Right pars opercularis thickness	0.368	0.248	6.92E-02	0.159	1.482	0.294	0.262	1.000	0.768
Right pars orbitalis surface area	0.362	0.244	6.93E-02	0.159	1.481	0.294	0.257	1.000	0.789
Right pars orbitalis thickness	0.000	0.244	5.00E-01	0.500	0.000	0.000	0.258	0.000	0.748
Right pars triangularis surface area	0.335	0.251	9.09E-02	0.189	1.335	0.286	0.264	0.775	0.793
Right pars triangularis thickness	0.164	0.249	2.56E-01	0.363	0.656	0.138	0.263	0.385	0.779
Right pericalcarine cortex surface area	0.034	0.244	4.44E-01	0.490	0.140	0.000	0.258	0.336	0.766
Right pericalcarine cortex thickness	0.409	0.243	4.60E-02	0.140	1.685	0.451	0.255	0.000	0.798
Right postcentral gyrus surface area	0.048	0.244	4.23E-01	0.485	0.195	0.000	0.256	0.504	0.794
Right postcentral gyrus thickness	0.760	0.246	1.00E-03	0.016	3.089	0.732	0.260	1.000	0.753
Right posterior-cingulate cortex surface area	0.000	0.238	5.00E-01	0.500	0.000	0.000	0.249	0.000	0.821
Right posterior-cingulate cortex thickness	0.165	0.250	2.55E-01	0.363	0.659	0.181	0.262	0.000	0.831
Right precentral gyrus surface area	0.213	0.251	1.99E-01	0.310	0.846	0.112	0.267	1.000	0.745
Right precentral gyrus thickness	0.731	0.244	1.36E-03	0.017	2.999	0.699	0.258	1.000	0.750
Right precuneus cortex surface area	0.547	0.246	1.31E-02	0.071	2.223	0.492	0.260	1.000	0.752
Right precuneus cortex thickness	0.965	0.243	3.59E-05	0.003	3.970	0.991	0.258	0.765	0.716
Right rostral anterior cingulate cortex surface area	0.035	0.244	4.42E-01	0.490	0.145	0.000	0.258	0.357	0.776
Right rostral anterior cingulate cortex thickness	0.041	0.239	4.32E-01	0.488	0.172	0.000	0.251	0.436	0.779
Right rostral middle frontal gyrus surface area	0.485	0.253	2.80E-02	0.108	1.912	0.412	0.271	1.000	0.721
Right rostral middle frontal gyrus thickness	0.398	0.243	5.10E-02	0.142	1.635	0.338	0.256	0.947	0.774
Right superior frontal gyrus surface area	0.250	0.252	1.61E-01	0.284	0.989	0.198	0.267	0.681	0.770
Right superior frontal gyrus thickness	0.272	0.248	1.36E-01	0.249	1.098	0.189	0.261	1.000	0.772

Right superior parietal gyrus surface area	0.417	0.254	5.05E-02	0.142	1.640	0.368	0.267	0.871	0.817
Right superior parietal gyrus thickness	0.941	0.239	4.01E-05	0.003	3.944	1.000	0.250	0.341	0.797
Right superior temporal gyrus surface area	0.107	0.254	3.37E-01	0.426	0.420	0.000	0.268	1.000	0.777
Right superior temporal gyrus thickness	0.320	0.251	1.01E-01	0.196	1.277	0.359	0.265	0.000	0.761
Right supramarginal gyrus surface area	0.107	0.250	3.35E-01	0.426	0.427	0.000	0.265	1.000	0.765
Right supramarginal gyrus thickness	0.769	0.240	6.67E-04	0.012	3.209	0.794	0.254	0.564	0.729
Right temporal pole surface area	0.524	0.249	1.76E-02	0.079	2.106	0.581	0.262	0.000	0.790
Right temporal pole thickness	0.000	0.250	5.00E-01	0.500	0.000	0.000	0.265	0.000	0.771
Right transverse temporal cortex surface area	0.157	0.235	2.52E-01	0.363	0.669	0.059	0.248	1.000	0.728
Right transverse temporal cortex thickness	0.536	0.254	1.73E-02	0.079	2.112	0.553	0.269	0.395	0.765

Supplementary Table 2. SNP heritability analysis results with LD-pruned genotype SNPs

PHENO	H2	SE	P	FDR	meta.Z	GSP.H2	GSP.SE	QTIM.H2	QTIM.SE
Intracranial volume	0.812	0.256	7.63E-04	0.013	2.549	0.842	0.268	0.491	0.877
Overall mean cortical thickness	0.872	0.268	5.77E-04	0.011	-0.110	0.821	0.284	1.284	0.809
Total surface area	0.609	0.269	1.19E-02	0.074	0.098	0.362	0.286	2.614	0.813
Left banks superior temporal sulcus surface area	0.000	0.277	3.87E-01	0.437	0.442	0.000	0.292	0.000	0.852
Left banks superior temporal sulcus thickness	0.557	0.265	1.78E-02	0.090	-0.454	0.519	0.280	0.882	0.819
Left caudal anterior-cingulate cortex surface area	0.215	0.269	2.12E-01	0.319	-1.458	0.000	0.286	1.962	0.802
Left caudal anterior-cingulate cortex thickness	0.287	0.279	1.51E-01	0.282	0.393	0.127	0.296	1.554	0.833
Left caudal middle frontal gyrus surface area	0.000	0.266	2.08E-01	0.319	-0.004	0.000	0.279	0.071	0.865
Left caudal middle frontal gyrus thickness	0.162	0.273	2.76E-01	0.350	0.832	0.085	0.288	0.857	0.862
Left cuneus cortex surface area	0.000	0.265	1.01E-02	0.067	-0.481	0.000	0.279	0.590	0.836
Left cuneus cortex thickness	0.627	0.265	8.99E-03	0.066	-0.066	0.606	0.278	0.832	0.866
Left entorhinal cortex surface area	0.385	0.285	8.83E-02	0.210	0.313	0.308	0.301	1.057	0.890
Left entorhinal cortex thickness	0.558	0.269	1.91E-02	0.090	0.167	0.517	0.284	0.906	0.837
Left frontal pole surface area	0.000	0.274	3.57E-01	0.417	-0.231	0.000	0.290	0.147	0.836
Left frontal pole thickness	0.000	0.269	4.83E-01	0.494	0.930	0.019	0.282	0.000	0.908
Left fusiform gyrus surface area	0.666	0.281	8.93E-03	0.066	-0.503	0.559	0.300	1.422	0.798
Left fusiform gyrus thickness	0.004	0.272	4.94E-01	0.494	0.857	0.000	0.289	1.244	0.823
Left inferior parietal cortex surface area	0.253	0.273	1.77E-01	0.296	-0.862	0.259	0.288	0.192	0.858
Left inferior temporal gyrus surface area	0.265	0.269	1.62E-01	0.282	0.366	0.322	0.283	0.000	0.862
Left inferior temporal gyrus thickness	0.093	0.270	3.64E-01	0.418	0.821	0.041	0.287	0.496	0.798
Left insula cortex surface area	0.451	0.270	4.76E-02	0.146	0.211	0.491	0.285	0.082	0.862
Left isthmus-cingulate cortex surface area	0.196	0.272	2.36E-01	0.331	-10.386	0.413	0.291	0.000	0.765
Left isthmus-cingulate cortex thickness	0.000	0.266	4.46E-01	0.471	0.227	0.071	0.280	0.000	0.858
Left lateral occipital cortex surface area	0.206	0.274	2.26E-01	0.324	0.254	0.258	0.290	0.000	0.822
Left lateral occipital cortex thickness	0.458	0.269	4.44E-02	0.140	0.179	0.468	0.284	0.363	0.845
Left lateral orbital frontal cortex surface area	0.379	0.268	7.92E-02	0.200	-0.412	0.291	0.280	1.341	0.931
Left lateral orbital frontal cortex thickness	0.235	0.268	1.90E-01	0.306	1.246	0.205	0.283	0.490	0.825
Left lingual gyrus thickness	0.432	0.266	5.22E-02	0.153	0.215	0.341	0.282	1.153	0.795
Left medial orbital frontal cortex thickness	0.171	0.268	2.62E-01	0.349	0.090	0.157	0.281	0.309	0.880
Left medial orbital frontal cortex surface area	0.271	0.268	1.56E-01	0.282	-0.321	0.372	0.283	0.000	0.837
Left middle temporal gyrus surface area	0.130	0.269	3.14E-01	0.377	-0.107	0.099	0.282	0.430	0.882
Left middle temporal gyrus thickness	0.211	0.270	2.18E-01	0.319	1.534	0.259	0.286	0.000	0.824
Left paracentral lobule surface area	0.498	0.279	3.70E-02	0.132	0.365	0.485	0.295	0.610	0.852
Left paracentral lobule thickness	0.379	0.270	8.04E-02	0.200	-0.040	0.395	0.286	0.242	0.836
Left parahippocampal gyrus surface area	0.382	0.284	8.93E-02	0.210	0.300	0.294	0.303	1.021	0.814
Left parahippocampal gyrus thickness	0.312	0.279	1.32E-01	0.256	-0.040	0.384	0.297	0.000	0.815
Left pars opercularis surface area	0.000	0.270	2.54E-01	0.342	0.760	0.000	0.284	0.000	0.894
Left pars opercularis thickness	0.000	0.270	2.96E-01	0.362	-0.126	0.000	0.287	0.181	0.796
Left pars orbitalis surface area	0.094	0.266	3.62E-01	0.418	2.010	0.000	0.282	2.099	0.811
Left pars orbitalis thickness	0.147	0.262	2.88E-01	0.355	-0.140	0.200	0.276	0.000	0.852
Left pars triangularis surface area	0.037	0.272	4.46E-01	0.471	-0.984	0.000	0.287	0.609	0.859

Left pars triangularis thickness	0.000	0.269	7.13E-02	0.184	0.491	0.000	0.284	1.316	0.832
Left pericalcarine cortex surface area	0.069	0.269	3.99E-01	0.442	-0.730	0.000	0.283	1.228	0.854
Left pericalcarine cortex thickness	0.419	0.278	6.55E-02	0.180	-1.796	0.557	0.294	0.000	0.850
Left postcentral gyrus surface area	0.106	0.275	3.50E-01	0.412	-1.115	0.098	0.291	0.176	0.837
Left postcentral gyrus thickness	0.483	0.273	3.85E-02	0.132	-2.198	0.474	0.292	0.549	0.784
Left posterior-cingulate cortex surface area	0.211	0.277	2.24E-01	0.324	-0.641	0.270	0.294	0.000	0.839
Left posterior-cingulate cortex thickness	0.514	0.266	2.67E-02	0.107	-2.168	0.681	0.283	0.000	0.786
Left precentral gyrus surface area	0.536	0.270	2.33E-02	0.101	0.676	0.428	0.284	1.561	0.870
Left precentral gyrus thickness	0.772	0.271	2.17E-03	0.024	-0.412	0.737	0.287	1.062	0.817
Left precuneus cortex surface area	0.652	0.281	1.00E-02	0.067	0.257	0.726	0.297	0.035	0.857
Left precuneus cortex thickness	1.021	0.265	5.68E-05	0.004	-0.267	1.058	0.280	0.713	0.810
Left rostral anterior cingulate cortex surface area	0.270	0.272	1.60E-01	0.282	-1.862	0.177	0.288	1.068	0.840
Left rostral anterior cingulate cortex thickness	0.747	0.267	2.58E-03	0.026	-0.241	0.790	0.282	0.382	0.825
Left rostral middle frontal gyrus surface area	0.356	0.279	1.00E-01	0.214	0.294	0.353	0.294	0.384	0.865
Left rostral middle frontal gyrus thickness	0.000	0.268	4.57E-01	0.476	-0.522	0.000	0.282	1.568	0.865
Left superior frontal gyrus surface area	0.407	0.276	7.01E-02	0.184	0.159	0.302	0.291	1.332	0.865
Left superior frontal gyrus thickness	0.607	0.270	1.23E-02	0.074	0.958	0.575	0.285	0.886	0.841
Left superior parietal gyrus surface area	0.711	0.275	4.89E-03	0.043	-0.933	0.757	0.288	0.214	0.938
Left superior temporal gyrus surface area	0.700	0.266	4.29E-03	0.040	1.010	0.769	0.280	0.060	0.853
Left superior temporal gyrus thickness	0.311	0.277	1.31E-01	0.256	0.784	0.382	0.295	0.000	0.820
Left supramarginal gyrus surface area	0.279	0.281	1.60E-01	0.282	0.963	0.019	0.298	2.332	0.837
Left supramarginal gyrus thickness	0.191	0.272	2.42E-01	0.331	-4.046	0.205	0.290	0.086	0.791
Left temporal pole surface area	0.160	0.272	2.78E-01	0.350	1.610	0.000	0.289	1.599	0.809
Left temporal pole thickness	0.000	0.263	2.13E-01	0.319	0.484	0.000	0.277	0.000	0.846
Left transverse temporal cortex surface area	0.046	0.267	4.32E-01	0.471	2.517	0.050	0.283	0.013	0.814
Left transverse temporal cortex thickness	0.579	0.266	1.49E-02	0.079	-1.357	0.473	0.282	1.442	0.806
Right banks superior temporal sulcus surface area	0.000	0.266	4.53E-01	0.474	-1.360	0.000	0.281	0.391	0.834
Right banks superior temporal sulcus thickness	0.233	0.262	1.88E-01	0.306	-0.383	0.247	0.276	0.099	0.827
Right caudal anterior-cingulate cortex surface area	0.000	0.272	2.43E-01	0.331	-0.019	0.000	0.286	0.581	0.885
Right caudal anterior-cingulate cortex thickness	0.000	0.274	2.78E-01	0.350	0.034	0.000	0.288	0.072	0.866
Right caudal middle frontal gyrus surface area	0.037	0.270	4.45E-01	0.471	-1.717	0.221	0.287	0.000	0.800
Right caudal middle frontal gyrus thickness	0.302	0.275	1.36E-01	0.261	0.084	0.221	0.291	0.975	0.839
Right cuneus cortex surface area	0.258	0.274	1.74E-01	0.294	0.900	0.150	0.291	1.128	0.827
Right cuneus cortex thickness	0.798	0.272	1.67E-03	0.020	-0.423	0.792	0.287	0.845	0.855
Right entorhinal cortex surface area	0.685	0.275	6.42E-03	0.053	0.315	0.711	0.290	0.458	0.859
Right entorhinal cortex thickness	0.343	0.260	9.35E-02	0.210	1.093	0.391	0.273	0.000	0.856
Right frontal pole surface area	0.000	0.267	4.92E-01	0.494	0.945	0.000	0.283	0.188	0.789
Right frontal pole thickness	0.360	0.271	9.20E-02	0.210	-0.497	0.365	0.286	0.312	0.844
Right fusiform gyrus surface area	0.000	0.262	2.56E-02	0.106	1.375	0.000	0.275	0.000	0.850
Right fusiform gyrus thickness	0.238	0.275	1.93E-01	0.307	-0.128	0.230	0.291	0.299	0.824
Right inferior parietal cortex surface area	0.164	0.275	2.76E-01	0.350	0.807	0.264	0.292	0.000	0.826
Right inferior parietal cortex thickness	0.268	0.271	1.62E-01	0.282	1.120	0.268	0.287	0.266	0.830
Right inferior temporal gyrus surface area	0.332	0.274	1.12E-01	0.234	0.894	0.246	0.289	1.067	0.842
Right insula cortex surface area	0.921	0.271	3.44E-04	0.011	1.192	0.902	0.285	1.104	0.894

Right insula cortex thickness	0.473	0.272	4.09E-02	0.132	-0.806	0.428	0.289	0.820	0.800
Right isthmus-cingulate cortex surface area	0.000	0.274	2.42E-01	0.331	1.384	0.000	0.291	0.000	0.809
Right isthmus-cingulate cortex thickness	0.268	0.276	1.65E-01	0.283	-0.011	0.308	0.290	0.000	0.893
Right lateral occipital cortex surface area	0.220	0.268	2.07E-01	0.319	1.565	0.101	0.284	1.235	0.830
Right lateral occipital cortex thickness	0.363	0.277	9.51E-02	0.210	-0.421	0.377	0.292	0.239	0.877
Right lateral orbital frontal cortex surface area	0.000	0.263	1.41E-01	0.267	0.519	0.000	0.276	0.738	0.898
Right lateral orbital frontal cortex thickness	0.574	0.262	1.42E-02	0.078	-0.636	0.540	0.277	0.873	0.819
Right lingual gyrus surface area	0.000	0.268	4.86E-01	0.494	0.093	0.000	0.282	0.270	0.858
Right lingual gyrus thickness	0.317	0.271	1.21E-01	0.241	-0.436	0.272	0.288	0.662	0.798
Right medial orbital frontal cortex thickness	0.557	0.269	1.90E-02	0.090	0.840	0.537	0.282	0.754	0.877
Right medial orbital frontal cortex surface area	0.526	0.265	2.37E-02	0.101	-1.284	0.349	0.280	2.080	0.830
Right middle temporal gyrus surface area	0.888	0.265	4.00E-04	0.011	-1.727	0.764	0.280	1.964	0.824
Right middle temporal gyrus thickness	0.411	0.272	6.51E-02	0.180	1.616	0.346	0.289	0.903	0.795
Right paracentral lobule surface area	0.000	0.274	4.16E-01	0.458	0.147	0.000	0.287	0.000	0.902
Right paracentral lobule thickness	0.612	0.278	1.37E-02	0.078	0.015	0.640	0.294	0.391	0.839
Right parahippocampal gyrus surface area	0.258	0.280	1.79E-01	0.296	-0.943	0.293	0.298	0.000	0.830
Right parahippocampal gyrus thickness	0.000	0.266	5.91E-04	0.011	1.929	0.000	0.282	0.000	0.799
Right pars opercularis surface area	0.486	0.277	3.99E-02	0.132	-1.375	0.306	0.295	1.830	0.808
Right pars opercularis thickness	0.352	0.269	9.54E-02	0.210	1.153	0.235	0.284	1.360	0.835
Right pars orbitalis surface area	0.320	0.268	1.17E-01	0.237	-0.404	0.286	0.281	0.666	0.893
Right pars orbitalis thickness	0.000	0.263	2.67E-01	0.350	-0.634	0.000	0.277	0.000	0.812
Right pars triangularis surface area	0.485	0.271	3.64E-02	0.132	-1.117	0.366	0.286	1.514	0.838
Right pars triangularis thickness	0.153	0.268	2.84E-01	0.354	1.407	0.119	0.283	0.454	0.841
Right pericalcarine cortex surface area	0.000	0.264	2.68E-01	0.350	-0.440	0.000	0.279	0.489	0.810
Right postcentral gyrus surface area	0.000	0.259	3.95E-01	0.442	0.246	0.000	0.272	0.755	0.866
Right postcentral gyrus thickness	0.790	0.268	1.63E-03	0.020	0.125	0.710	0.284	1.476	0.834
Right posterior-cingulate cortex surface area	0.000	0.264	4.04E-02	0.132	1.739	0.000	0.276	0.000	0.879
Right posterior-cingulate cortex thickness	0.020	0.275	4.71E-01	0.486	1.501	0.098	0.289	0.000	0.890
Right precentral gyrus surface area	0.328	0.272	1.14E-01	0.234	-0.670	0.320	0.289	0.397	0.811
Right precentral gyrus thickness	0.890	0.266	4.14E-04	0.011	0.041	0.842	0.282	1.274	0.797
Right precuneus cortex surface area	0.514	0.268	2.78E-02	0.108	-0.153	0.448	0.284	1.078	0.830
Right precuneus cortex thickness	1.020	0.264	5.63E-05	0.004	0.239	0.966	0.281	1.427	0.772
Right rostral anterior cingulate cortex surface area	0.000	0.271	4.41E-01	0.471	-1.799	0.000	0.285	0.722	0.874
Right rostral anterior cingulate cortex thickness	0.000	0.264	3.50E-01	0.412	1.507	0.000	0.279	0.823	0.825
Right rostral middle frontal gyrus surface area	0.556	0.275	2.16E-02	0.098	-0.544	0.495	0.292	1.037	0.822
Right rostral middle frontal gyrus thickness	0.418	0.270	6.08E-02	0.175	0.566	0.375	0.285	0.805	0.854
Right superior frontal gyrus surface area	0.198	0.277	2.38E-01	0.331	-0.906	0.221	0.292	0.000	0.871
Right superior frontal gyrus thickness	0.405	0.271	6.75E-02	0.182	-0.094	0.293	0.287	1.337	0.828
Right superior parietal gyrus surface area	0.355	0.275	9.87E-02	0.214	-0.300	0.308	0.289	0.808	0.900
Right superior temporal gyrus surface area	0.000	0.267	9.00E-02	0.210	1.163	0.000	0.282	1.709	0.833
Right superior temporal gyrus thickness	0.216	0.274	2.15E-01	0.319	0.392	0.252	0.290	0.000	0.828
Right supramarginal gyrus surface area	0.000	0.264	2.14E-01	0.319	1.609	0.000	0.279	1.790	0.825
Right supramarginal gyrus thickness	0.779	0.260	1.35E-03	0.020	0.960	0.773	0.273	0.830	0.823
Right temporal pole surface area	0.440	0.268	5.04E-02	0.151	1.323	0.594	0.283	0.000	0.843

Right temporal pole thickness	0.000	0.268	3.03E-01	0.367	0.772	0.000	0.284	0.000	0.816
Right transverse temporal cortex surface area	0.086	0.262	3.72E-01	0.423	0.374	0.000	0.276	1.315	0.811
Right transverse temporal cortex thickness	0.507	0.279	3.44E-02	0.130	0.702	0.520	0.295	0.398	0.835

Supplementary Table 3. Heritability estimates attributed to by schizophrenia-associated set d across varying SNP selection thresholds

Trait	SNP Selection %	H2(G)	H2(d)	SE(d)	P(d)	e(H2(d))	P(H2(d)>e(H2(d)))	FDR
Intracranial volume	10	0.880	0.385	0.110	2.28E-04	0.088	2.61E-05	0.001
	20	0.880	0.784	0.153	7.09E-06	0.176	6.22E-05	0.002
	30	0.880	0.813	0.181	3.47E-05	0.264	4.21E-05	0.001
	40	0.880	0.878	0.206	9.71E-05	0.352	2.80E-05	0.001
	50	0.880	0.820	0.228	3.73E-04	0.440	1.58E-04	0.006
Overall mean cortical thickness	10	0.796	0.043	0.103	3.46E-01	0.080	1.00E+00	1.000
	20	0.796	0.123	0.151	2.19E-01	0.159	7.20E-01	1.000
	30	0.796	0.200	0.188	1.58E-01	0.239	6.88E-01	1.000
	40	0.796	0.384	0.218	5.09E-02	0.319	1.96E-01	0.573
	50	0.796	0.316	0.240	1.09E-01	0.398	7.41E-01	1.000
Left banks superior temporal sulcus thickness	10	0.680	0.066	0.100	2.69E-01	0.068	5.28E-01	0.812
	20	0.680	0.024	0.141	4.34E-01	0.136	1.00E+00	1.000
	30	0.680	0.064	0.176	3.60E-01	0.204	1.00E+00	1.000
	40	0.680	0.196	0.203	1.78E-01	0.272	9.66E-01	1.000
	50	0.680	0.293	0.227	1.11E-01	0.340	6.43E-01	1.000
Left cuneus cortex thickness	10	0.550	0.170	0.102	5.02E-02	0.055	1.64E-02	0.072
	20	0.550	0.158	0.143	1.22E-01	0.110	3.87E-01	1.000
	30	0.550	0.217	0.177	9.71E-02	0.165	2.61E-01	0.683
	40	0.550	0.213	0.204	1.28E-01	0.220	7.27E-01	1.000
	50	0.550	0.348	0.230	5.43E-02	0.275	3.09E-01	0.917
Left entorhinal cortex thickness	10	0.587	0.186	0.110	4.81E-02	0.059	1.02E-03	0.012
	20	0.587	0.186	0.153	1.13E-01	0.117	5.34E-02	0.374
	30	0.587	0.254	0.186	8.50E-02	0.176	1.85E-01	0.660
	40	0.587	0.266	0.214	1.04E-01	0.235	3.04E-01	0.675
	50	0.587	0.153	0.236	2.50E-01	0.293	1.00E+00	1.000
Left fusiform gyrus surface area	10	0.566	0.115	0.105	1.15E-01	0.057	9.68E-02	0.302
	20	0.566	0.197	0.150	7.78E-02	0.113	1.16E-01	0.582
	30	0.566	0.361	0.186	2.26E-02	0.170	2.96E-03	0.050
	40	0.566	0.467	0.209	1.23E-02	0.226	6.98E-03	0.061
	50	0.566	0.492	0.231	1.34E-02	0.283	2.04E-02	0.357
Left inferior parietal cortex thickness	10	0.566	0.149	0.106	7.53E-02	0.057	7.36E-03	0.052
	20	0.566	0.243	0.156	4.71E-02	0.113	6.41E-03	0.075
	30	0.566	0.089	0.188	3.21E-01	0.170	1.00E+00	1.000
	40	0.566	0.082	0.217	3.54E-01	0.227	1.00E+00	1.000
	50	0.566	0.000	0.237	3.42E-01	0.283	1.00E+00	1.000
Left insula cortex surface area	10	0.561	0.095	0.103	1.78E-01	0.056	2.30E-01	0.504
	20	0.561	0.083	0.149	2.87E-01	0.112	9.96E-01	1.000
	30	0.561	0.174	0.185	1.72E-01	0.168	3.60E-01	0.815
	40	0.561	0.194	0.213	1.80E-01	0.225	7.23E-01	1.000

	50	0.561	0.273	0.236	1.23E-01	0.281	5.35E-01	1.000
Left lateral occipital cortex thickness	10	0.498	0.164	0.106	6.16E-02	0.050	9.28E-03	0.054
	20	0.498	0.189	0.154	1.11E-01	0.100	1.59E-01	0.696
	30	0.498	0.171	0.187	1.83E-01	0.149	3.35E-01	0.813
	40	0.498	0.363	0.214	5.11E-02	0.199	5.74E-02	0.251
	50	0.498	0.436	0.234	3.78E-02	0.249	8.55E-02	0.599
Left postcentral gyrus thickness	10	0.501	0.000	0.101	5.00E-01	0.050	1.00E+00	1.000
	20	0.501	0.000	0.150	5.00E-01	0.100	1.00E+00	1.000
	30	0.501	0.000	0.184	5.00E-01	0.150	1.00E+00	1.000
	40	0.501	0.000	0.209	5.00E-01	0.200	1.00E+00	1.000
	50	0.501	0.006	0.230	4.91E-01	0.251	1.00E+00	1.000
Left posterior-cingulate cortex thickness	10	0.601	0.000	0.098	2.80E-01	0.060	1.00E+00	1.000
	20	0.601	0.000	0.146	3.85E-01	0.120	1.00E+00	1.000
	30	0.601	0.084	0.183	3.61E-01	0.180	1.00E+00	1.000
	40	0.601	0.135	0.210	3.12E-01	0.241	1.00E+00	1.000
	50	0.601	0.193	0.236	2.64E-01	0.301	9.82E-01	1.000
Left precentral gyrus thickness	10	0.718	0.000	0.102	2.86E-01	0.072	1.00E+00	1.000
	20	0.718	0.000	0.150	3.33E-01	0.144	1.00E+00	1.000
	30	0.718	0.000	0.187	4.40E-01	0.216	1.00E+00	1.000
	40	0.718	0.000	0.215	3.98E-01	0.287	1.00E+00	1.000
	50	0.718	0.000	0.241	3.60E-01	0.359	1.00E+00	1.000
Left precuneus cortex surface area	10	0.555	0.055	0.105	2.97E-01	0.055	5.05E-01	0.812
	20	0.555	0.132	0.153	1.93E-01	0.111	1.85E-01	0.718
	30	0.555	0.247	0.191	9.81E-02	0.166	2.43E-01	0.683
	40	0.555	0.123	0.221	2.84E-01	0.222	1.00E+00	1.000
	50	0.555	0.130	0.244	2.92E-01	0.277	1.00E+00	1.000
Left precuneus cortex thickness	10	0.896	0.040	0.103	3.41E-01	0.090	1.00E+00	1.000
	20	0.896	0.016	0.146	4.54E-01	0.179	1.00E+00	1.000
	30	0.896	0.241	0.187	7.56E-02	0.269	6.81E-01	1.000
	40	0.896	0.262	0.213	9.06E-02	0.358	7.67E-01	1.000
	50	0.896	0.261	0.236	1.13E-01	0.448	1.00E+00	1.000
Left rostral anterior cingulate cortex thickness	10	0.737	0.108	0.102	1.36E-01	0.074	2.26E-01	0.504
	20	0.737	0.239	0.151	5.32E-02	0.147	4.83E-02	0.374
	30	0.737	0.334	0.188	3.55E-02	0.221	7.07E-02	0.400
	40	0.737	0.456	0.213	1.53E-02	0.295	1.63E-01	0.519
	50	0.737	0.501	0.238	1.47E-02	0.368	1.37E-01	0.684
Left superior frontal gyrus thickness	10	0.597	0.182	0.104	6.39E-02	0.060	7.25E-04	0.012
	20	0.597	0.275	0.151	5.34E-02	0.119	3.20E-03	0.056
	30	0.597	0.390	0.185	2.40E-02	0.179	6.99E-03	0.059
	40	0.597	0.497	0.212	1.63E-02	0.239	3.14E-03	0.044
	50	0.597	0.503	0.235	1.52E-02	0.299	6.63E-02	0.580
Left superior parietal gyrus surface area	10	0.558	0.020	0.104	4.31E-01	0.056	1.00E+00	1.000
	20	0.558	0.009	0.147	4.77E-01	0.112	1.00E+00	1.000
	30	0.558	0.003	0.176	4.92E-01	0.167	1.00E+00	1.000

surface area	40	0.558	0.057	0.203	3.82E-01	0.223	1.00E+00	1.000
	50	0.558	0.123	0.228	2.90E-01	0.279	1.00E+00	1.000
Left superior parietal gyrus thickness	10	0.903	0.167	0.103	4.96E-02	0.090	4.35E-02	0.169
	20	0.903	0.210	0.148	7.16E-02	0.181	4.54E-01	1.000
	30	0.903	0.309	0.186	4.29E-02	0.271	2.36E-01	0.683
	40	0.903	0.398	0.214	2.61E-02	0.361	3.08E-01	0.675
	50	0.903	0.352	0.238	5.96E-02	0.451	8.39E-01	1.000
Left superior temporal gyrus surface area	10	0.658	0.173	0.110	5.80E-02	0.066	3.98E-03	0.035
	20	0.658	0.195	0.155	9.62E-02	0.132	6.67E-02	0.389
	30	0.658	0.309	0.190	4.26E-02	0.197	1.03E-01	0.436
	40	0.658	0.485	0.216	1.04E-02	0.263	3.95E-02	0.225
	50	0.658	0.630	0.239	3.59E-03	0.329	3.52E-02	0.411
Left transverse temporal cortex thickness	10	0.555	0.000	0.102	2.65E-01	0.055	1.00E+00	1.000
	20	0.555	0.000	0.146	1.77E-01	0.111	1.00E+00	1.000
	30	0.555	0.000	0.185	3.85E-01	0.166	1.00E+00	1.000
	40	0.555	0.000	0.215	4.89E-01	0.222	1.00E+00	1.000
	50	0.555	0.213	0.239	1.75E-01	0.277	7.17E-01	1.000
Right cuneus cortex thickness	10	0.723	0.133	0.107	9.27E-02	0.072	9.85E-02	0.302
	20	0.723	0.205	0.153	8.20E-02	0.145	3.43E-01	1.000
	30	0.723	0.309	0.185	4.19E-02	0.217	3.36E-02	0.229
	40	0.723	0.446	0.212	1.77E-02	0.289	4.50E-02	0.225
	50	0.723	0.415	0.234	3.60E-02	0.362	3.14E-01	0.917
Right entorhinal cortex surface area	10	0.651	0.056	0.104	2.99E-01	0.065	4.94E-01	0.812
	20	0.651	0.096	0.151	2.67E-01	0.130	8.89E-01	1.000
	30	0.651	0.183	0.186	1.67E-01	0.195	5.71E-01	1.000
	40	0.651	0.368	0.215	4.81E-02	0.260	1.01E-01	0.393
	50	0.651	0.459	0.237	2.77E-02	0.326	1.33E-01	0.684
Right insula cortex surface area	10	0.878	0.141	0.107	8.92E-02	0.088	1.21E-01	0.302
	20	0.878	0.244	0.154	5.26E-02	0.176	4.43E-01	1.000
	30	0.878	0.445	0.189	8.69E-03	0.263	6.43E-03	0.059
	40	0.878	0.615	0.217	2.12E-03	0.351	3.80E-03	0.044
	50	0.878	0.532	0.237	1.10E-02	0.439	1.59E-01	0.696
Right lateral orbital frontal cortex thickness	10	0.483	0.015	0.102	4.34E-01	0.048	1.00E+00	1.000
	20	0.483	0.071	0.148	3.01E-01	0.097	1.00E+00	1.000
	30	0.483	0.147	0.187	1.98E-01	0.145	5.73E-01	1.000
	40	0.483	0.242	0.216	1.16E-01	0.193	2.19E-01	0.591
	50	0.483	0.252	0.235	1.26E-01	0.242	3.84E-01	0.929
Right middle temporal gyrus surface area	10	0.610	0.032	0.102	3.64E-01	0.061	1.00E+00	1.000
	20	0.610	0.048	0.149	3.68E-01	0.122	1.00E+00	1.000
	30	0.610	0.079	0.181	3.23E-01	0.183	1.00E+00	1.000
	40	0.610	0.256	0.215	1.14E-01	0.244	5.55E-01	1.000
	50	0.610	0.374	0.236	4.15E-02	0.305	2.76E-01	0.917
Right paracentral lobule	10	0.494	0.045	0.105	3.35E-01	0.049	5.41E-01	0.812
	20	0.494	0.064	0.152	3.40E-01	0.099	1.00E+00	1.000

Right paracentral lobule thickness	30	0.494	0.068	0.186	3.61E-01	0.148	1.00E+00	1.000
	40	0.494	0.056	0.213	3.95E-01	0.197	1.00E+00	1.000
	50	0.494	0.075	0.240	3.72E-01	0.247	1.00E+00	1.000
Right pars opercularis surface area	10	0.545	0.047	0.105	3.12E-01	0.055	5.57E-01	0.812
	20	0.545	0.148	0.153	1.67E-01	0.109	5.60E-01	1.000
	30	0.545	0.072	0.192	3.37E-01	0.164	1.00E+00	1.000
	40	0.545	0.152	0.215	1.92E-01	0.218	9.97E-01	1.000
	50	0.545	0.218	0.240	1.63E-01	0.273	7.31E-01	1.000
Right postcentral gyrus thickness	10	0.760	0.073	0.103	2.38E-01	0.076	5.02E-01	0.812
	20	0.760	0.131	0.145	2.22E-01	0.152	5.05E-01	1.000
	30	0.760	0.163	0.181	2.23E-01	0.228	9.37E-01	1.000
	40	0.760	0.327	0.208	9.43E-02	0.304	2.97E-01	0.675
	50	0.760	0.221	0.233	2.09E-01	0.380	1.00E+00	1.000
Right precentral gyrus thickness	10	0.731	0.022	0.103	4.16E-01	0.073	1.00E+00	1.000
	20	0.731	0.051	0.150	3.69E-01	0.146	1.00E+00	1.000
	30	0.731	0.148	0.184	2.20E-01	0.219	1.00E+00	1.000
	40	0.731	0.297	0.214	1.01E-01	0.292	6.32E-01	1.000
	50	0.731	0.162	0.238	2.60E-01	0.365	1.00E+00	1.000
Right precuneus cortex surface area	10	0.547	0.058	0.107	2.98E-01	0.055	5.29E-01	0.812
	20	0.547	0.072	0.150	3.15E-01	0.109	1.00E+00	1.000
	30	0.547	0.150	0.186	2.11E-01	0.164	7.08E-01	1.000
	40	0.547	0.158	0.213	2.37E-01	0.219	8.23E-01	1.000
	50	0.547	0.274	0.237	1.36E-01	0.273	4.94E-01	1.000
Right precuneus cortex thickness	10	0.965	0.154	0.107	7.96E-02	0.097	1.04E-01	0.302
	20	0.965	0.114	0.149	2.20E-01	0.193	1.00E+00	1.000
	30	0.965	0.191	0.184	1.52E-01	0.290	1.00E+00	1.000
	40	0.965	0.495	0.214	1.25E-02	0.386	1.13E-01	0.394
	50	0.965	0.506	0.234	1.83E-02	0.483	3.43E-01	0.923
Right superior parietal gyrus thickness	10	0.941	0.118	0.105	1.25E-01	0.094	3.11E-01	0.641
	20	0.941	0.123	0.149	1.92E-01	0.188	1.00E+00	1.000
	40	0.941	0.388	0.213	3.09E-02	0.376	3.41E-01	0.680
	50	0.941	0.421	0.235	4.13E-02	0.470	6.29E-01	1.000
Right supramarginal gyrus thickness	10	0.769	0.137	0.106	1.23E-01	0.077	1.15E-01	0.302
	20	0.769	0.251	0.151	6.22E-02	0.154	2.19E-01	0.765
	30	0.769	0.344	0.188	4.17E-02	0.231	8.35E-02	0.406
	40	0.769	0.514	0.215	1.56E-02	0.308	2.95E-02	0.206
	50	0.769	0.396	0.239	6.61E-02	0.385	3.98E-01	0.929
Right temporal pole surface area	10	0.524	0.182	0.110	4.83E-02	0.052	1.26E-02	0.063
	20	0.524	0.084	0.152	2.89E-01	0.105	6.22E-01	1.000
	30	0.524	0.175	0.183	2.62E-01	0.157	4.59E-01	0.976
	40	0.524	0.187	0.210	2.72E-01	0.209	5.99E-01	1.000
	50	0.524	0.198	0.232	2.81E-01	0.262	6.07E-01	1.000
Right transverse temporal	10	0.536	0.034	0.104	3.78E-01	0.054	1.00E+00	1.000
	20	0.536	0.146	0.151	1.77E-01	0.107	3.78E-01	1.000

right transverse temporal cortex thickness	30	0.536	0.209	0.185	1.35E-01	0.161	1.94E-01	0.660
	40	0.536	0.231	0.215	1.38E-01	0.214	3.50E-01	0.680
	50	0.536	0.357	0.240	6.97E-02	0.268	1.92E-01	0.746

Supplementary Table 4. Enrichment analysis results of various disorder-associated SNP-set heritability for ICV and six other regional brain phenotypes

Trait	Disorder	Top 10%			Top 20%			Top 30%		
		H2(d)	P(H2(d)>e(H2(d)))	FDR	H2(d)	P(H2(d)>e(H2(d)))	FDR	H2(d)	P(H2(d)>e(H2(d)))	FDR
Intracranial volume	ADHD	0.435 (0.119)	2.60E-05	0.001	0.517 (0.159)	6.20E-05	0.002	0.688 (0.189)	4.20E-05	0.001
	ASD	0.184 (0.115)	7.43E-02	0.289	0.397 (0.160)	2.61E-03	0.023	0.476 (0.188)	1.69E-02	0.197
	AN	0.120 (0.123)	3.77E-01	0.943	0.284 (0.166)	1.43E-01	0.769	0.369 (0.200)	1.67E-01	0.802
	BIP	0.063 (0.103)	1.00E+00	1.000	0.248 (0.145)	1.52E-01	0.664	0.490 (0.174)	5.76E-03	0.025
	MDD	0.000 (0.114)	1.00E+00	1.000	0.060 (0.156)	1.00E+00	1.000	0.165 (0.186)	1.00E+00	1.000
	CD	0.000 (0.098)	1.00E+00	1.000	0.041 (0.144)	1.00E+00	1.000	0.104 (0.179)	1.00E+00	1.000
Left cuneus thickness	ADHD	0.020 (0.114)	1.00E+00	1.000	0.078 (0.150)	1.00E+00	1.000	0.107 (0.183)	1.00E+00	1.000
	ASD	0.109 (0.117)	1.69E-01	0.494	0.180 (0.161)	3.79E-01	0.781	0.232 (0.193)	2.68E-01	0.556
	AN	0.080 (0.120)	3.23E-01	0.941	0.079 (0.163)	8.63E-01	1.000	0.155 (0.195)	6.17E-01	1.000
	BIP	0.101 (0.099)	1.49E-01	0.747	0.164 (0.140)	3.90E-01	1.000	0.175 (0.168)	5.19E-01	1.000
	MDD	0.063 (0.114)	4.38E-01	0.669	0.176 (0.154)	3.70E-01	0.798	0.331 (0.188)	2.62E-02	0.167
	CD	0.112 (0.109)	1.16E-01	0.393	0.192 (0.156)	3.18E-01	1.000	0.301 (0.187)	4.85E-02	0.262
Left entorhinal cortex thickness	ADHD	0.011 (0.118)	1.00E+00	1.000	0.179 (0.161)	9.62E-02	0.374	0.154 (0.186)	6.66E-01	1.000
	ASD	0.076 (0.115)	2.97E-01	0.651	0.087 (0.158)	6.35E-01	1.000	0.163 (0.189)	5.93E-01	0.902
	AN	0.000 (0.121)	1.00E+00	1.000	0.000 (0.163)	1.00E+00	1.000	0.000 (0.188)	1.00E+00	1.000
	BIP	0.151 (0.106)	5.37E-03	0.094	0.286 (0.146)	1.04E-03	0.007	0.428 (0.172)	3.52E-03	0.018
	MDD	0.059 (0.119)	4.39E-01	0.669	0.086 (0.159)	5.93E-01	0.853	0.000 (0.188)	1.00E+00	1.000
	CD	0.000 (0.097)	1.00E+00	1.000	0.009 (0.153)	1.00E+00	1.000	0.000 (0.188)	1.00E+00	1.000
Left inferior parietal cortex thickness	ADHD	0.018 (0.113)	1.00E+00	1.000	0.124 (0.157)	3.14E-01	1.000	0.209 (0.187)	2.70E-01	0.799
	ASD	0.070 (0.117)	2.58E-01	0.646	0.010 (0.157)	1.00E+00	1.000	0.003 (0.188)	1.00E+00	1.000
	AN	0.000 (0.119)	1.00E+00	1.000	0.052 (0.163)	1.00E+00	1.000	0.227 (0.194)	2.23E-01	0.802
	BIP	0.000 (0.092)	1.00E+00	1.000	0.000 (0.141)	1.00E+00	1.000	0.000 (0.169)	1.00E+00	1.000
	MDD	0.073 (0.120)	2.54E-01	0.598	0.182 (0.159)	1.38E-01	0.517	0.186 (0.191)	3.59E-01	0.845
	CD	0.007 (0.100)	1.00E+00	1.000	0.049 (0.145)	1.00E+00	1.000	0.103 (0.178)	1.00E+00	1.000
Left lateral occipital cortex thickness	ADHD	0.000 (0.105)	1.00E+00	1.000	0.000 (0.146)	1.00E+00	1.000	0.000 (0.177)	1.00E+00	1.000
	ASD	0.000 (0.118)	1.00E+00	1.000	0.110 (0.163)	3.69E-01	0.781	0.229 (0.192)	1.68E-01	0.451
	AN	0.061 (0.121)	2.81E-01	0.893	0.060 (0.164)	1.00E+00	1.000	0.171 (0.196)	3.41E-01	0.907
	BIP	0.059 (0.098)	2.76E-01	1.000	0.144 (0.142)	2.81E-01	1.000	0.277 (0.170)	6.90E-02	0.242
	MDD	0.107 (0.114)	1.05E-01	0.460	0.076 (0.156)	4.81E-01	0.798	0.079 (0.188)	1.00E+00	1.000
	CD	0.028 (0.104)	1.00E+00	1.000	0.077 (0.148)	9.37E-01	1.000	0.284 (0.183)	6.06E-02	0.265
Left superior frontal gyrus thickness	ADHD	0.022 (0.115)	1.00E+00	1.000	0.120 (0.154)	4.84E-01	1.000	0.196 (0.184)	4.22E-01	0.938
	ASD	0.071 (0.117)	2.93E-01	0.651	0.229 (0.168)	2.60E-02	0.182	0.271 (0.198)	1.45E-01	0.451
	AN	0.000 (0.111)	1.00E+00	1.000	0.000 (0.152)	1.00E+00	1.000	0.000 (0.185)	1.00E+00	1.000
	BIP	0.025 (0.099)	1.00E+00	1.000	0.036 (0.144)	1.00E+00	1.000	0.194 (0.177)	4.29E-01	1.000
	MDD	0.094 (0.114)	1.80E-01	0.573	0.172 (0.151)	1.30E-01	0.517	0.084 (0.182)	1.00E+00	1.000
	CD	0.013 (0.102)	1.00E+00	1.000	0.052 (0.150)	1.00E+00	1.000	0.282 (0.190)	8.74E-02	0.306
Left superior temporal gyrus surface area	ADHD	0.000 (0.101)	1.00E+00	1.000	0.000 (0.152)	1.00E+00	1.000	0.000 (0.182)	1.00E+00	1.000
	ASD	0.006 (0.110)	1.00E+00	1.000	0.124 (0.158)	4.84E-01	0.899	0.124 (0.193)	1.00E+00	1.000
	AN	0.148 (0.126)	1.46E-01	0.820	0.241 (0.175)	5.14E-02	0.360	0.207 (0.204)	3.62E-01	0.907
	BIP	0.000 (0.101)	1.00E+00	1.000	0.009 (0.143)	1.00E+00	1.000	0.147 (0.175)	8.24E-01	1.000

surface area	MDD	0.114 (0.114)	2.44E-01	0.598	0.006 (0.150)	1.00E+00	1.000	0.000 (0.179)	1.00E+00	1.000
	CD	0.047 (0.106)	9.98E-01	1.000	0.136 (0.157)	4.06E-01	1.000	0.198 (0.188)	3.86E-01	0.751
Right temporal pole surface area	ADHD	0.000 (0.115)	1.00E+00	1.000	0.000 (0.156)	1.00E+00	1.000	0.224 (0.187)	2.72E-01	0.799
	ASD	0.032 (0.109)	1.00E+00	1.000	0.051 (0.154)	1.00E+00	1.000	0.169 (0.193)	4.78E-01	0.881
	AN	0.015 (0.118)	1.00E+00	1.000	0.204 (0.163)	3.12E-01	1.000	0.292 (0.197)	8.14E-02	0.570
	BIP	0.072 (0.104)	3.27E-01	1.000	0.057 (0.141)	1.00E+00	1.000	0.016 (0.168)	1.00E+00	1.000
	MDD	0.000 (0.118)	1.00E+00	1.000	0.197 (0.158)	3.13E-01	0.781	0.439 (0.189)	4.50E-04	0.006
	CD	0.032 (0.106)	1.00E+00	1.000	0.033 (0.151)	1.00E+00	1.000	0.026 (0.191)	1.00E+00	1.000

Top 40%			Top50%		
H2(d)	P(H2(d)>e(H2(d)))	FDR	H2(d)	P(H2(d)>e(H2(d)))	FDR
0.810 (0.212)	5.60E-05	0.002	0.880 (0.228)	2.60E-05	0.001
0.539 (0.214)	9.07E-02	0.420	0.508 (0.234)	3.84E-01	0.696
0.458 (0.228)	2.63E-01	1.000	0.533 (0.244)	3.45E-01	1.000
0.580 (0.191)	2.73E-02	0.146	0.559 (0.208)	2.33E-01	0.752
0.215 (0.214)	1.00E+00	1.000	0.395 (0.236)	6.25E-01	0.940
0.118 (0.203)	1.00E+00	1.000	0.330 (0.227)	8.11E-01	1.000
0.084 (0.205)	1.00E+00	1.000	0.116 (0.224)	1.00E+00	1.000
0.229 (0.216)	6.76E-01	1.000	0.305 (0.236)	4.97E-01	0.696
0.084 (0.219)	1.00E+00	1.000	0.036 (0.244)	1.00E+00	1.000
0.195 (0.186)	7.80E-01	1.000	0.303 (0.205)	4.78E-01	1.000
0.446 (0.212)	8.60E-03	0.057	0.542 (0.231)	6.12E-03	0.043
0.384 (0.212)	1.41E-02	0.250	0.476 (0.229)	3.95E-02	0.230
0.187 (0.204)	5.34E-01	1.000	0.410 (0.225)	5.81E-02	0.254
0.208 (0.215)	4.69E-01	0.911	0.337 (0.232)	2.20E-01	0.609
0.000 (0.215)	1.00E+00	1.000	0.074 (0.234)	1.00E+00	1.000
0.459 (0.195)	2.92E-02	0.146	0.330 (0.214)	2.36E-01	0.752
0.000 (0.214)	1.00E+00	1.000	0.000 (0.237)	1.00E+00	1.000
0.093 (0.215)	1.00E+00	1.000	0.182 (0.237)	1.00E+00	1.000
0.333 (0.211)	1.61E-01	0.659	0.473 (0.231)	3.65E-02	0.254
0.037 (0.210)	1.00E+00	1.000	0.140 (0.233)	1.00E+00	1.000
0.474 (0.226)	3.24E-02	0.283	0.359 (0.244)	3.21E-01	1.000
0.000 (0.195)	1.00E+00	1.000	0.073 (0.217)	1.00E+00	1.000
0.226 (0.217)	5.48E-01	0.913	0.370 (0.235)	2.75E-01	0.740
0.273 (0.204)	3.55E-01	0.684	0.225 (0.222)	7.87E-01	1.000
0.000 (0.200)	1.00E+00	1.000	0.040 (0.225)	1.00E+00	1.000
0.366 (0.216)	6.08E-02	0.420	0.265 (0.237)	4.66E-01	0.696
0.178 (0.223)	5.53E-01	1.000	0.122 (0.241)	1.00E+00	1.000
0.305 (0.192)	9.91E-02	0.347	0.290 (0.209)	3.69E-01	0.994
0.161 (0.213)	6.27E-01	0.914	0.102 (0.232)	1.00E+00	1.000
0.337 (0.211)	7.40E-02	0.350	0.264 (0.229)	4.60E-01	1.000
0.134 (0.208)	1.00E+00	1.000	0.201 (0.228)	8.97E-01	1.000
0.194 (0.222)	7.54E-01	1.000	0.298 (0.241)	4.24E-01	0.696
0.000 (0.208)	1.00E+00	1.000	0.000 (0.222)	1.00E+00	1.000
0.193 (0.199)	7.67E-01	1.000	0.286 (0.220)	4.69E-01	1.000
0.068 (0.205)	1.00E+00	1.000	0.036 (0.224)	1.00E+00	1.000
0.412 (0.215)	5.28E-02	0.350	0.359 (0.235)	2.32E-01	0.900
0.000 (0.211)	1.00E+00	1.000	0.000 (0.231)	1.00E+00	1.000
0.207 (0.217)	9.02E-01	1.000	0.454 (0.236)	2.44E-01	0.609
0.326 (0.227)	4.78E-01	1.000	0.449 (0.245)	2.92E-01	1.000
0.248 (0.198)	7.90E-01	1.000	0.502 (0.219)	9.03E-02	0.438

0.139 (0.208)	1.00E+00	1.000	0.323 (0.228)	6.03E-01	0.940
0.153 (0.212)	1.00E+00	1.000	0.391 (0.236)	4.05E-01	1.000
0.213 (0.211)	5.22E-01	1.000	0.344 (0.228)	2.20E-01	0.549
0.288 (0.220)	2.77E-01	0.649	0.343 (0.242)	2.33E-01	0.609
0.524 (0.224)	3.90E-05	0.001	0.524 (0.242)	1.60E-03	0.036
0.108 (0.188)	1.00E+00	1.000	0.174 (0.204)	1.00E+00	1.000
0.516 (0.210)	3.15E-03	0.028	0.524 (0.227)	5.08E-04	0.018
0.189 (0.218)	6.07E-01	0.957	0.262 (0.243)	4.23E-01	1.000

Supplementary Table 5. Wilcoxon rank sum test results that compares the differences of smokers (N=106) vs. demographic

Pheno	P	FDR
ICV	5.26E-01	8.88E-01
Overall mean cortical thickness	5.13E-02	3.52E-01
Total surface area	8.94E-01	9.43E-01
Left bankssts surface area	8.73E-01	9.43E-01
Left bankssts thickness	7.67E-01	9.33E-01
Left cACC surface area	1.93E-01	5.95E-01
Left cACC thickness	8.87E-01	9.43E-01
Left cMF surface area	2.68E-01	6.84E-01
Left cMF thickness	4.47E-02	3.48E-01
Left Cuneus surface area	6.52E-01	9.33E-01
Left Cuneus thickness	8.53E-01	9.43E-01
Left Ent surface area	8.87E-01	9.43E-01
Left Ent thickness	8.13E-01	9.33E-01
Left Fform surface area	8.83E-01	9.43E-01
Left Fform thickness	1.63E-02	3.08E-01
Left FPole surface area	2.70E-02	3.08E-01
Left FPole thickness	6.68E-01	9.33E-01
Left infLatVent_Vol	2.30E-01	6.30E-01
Left Ins surface area	2.49E-01	6.47E-01
Left Ins thickness	2.55E-02	3.08E-01
Left iPar surface area	1.15E-01	4.61E-01
Left iPaRight Thick	5.71E-02	3.52E-01
Left isthmusACC surface area	5.58E-01	8.88E-01
Left isthmusACC thickness	7.68E-01	9.33E-01
Left iTemp surface area	4.67E-01	8.72E-01
Left iTemp thickness	7.94E-03	3.08E-01
Left LatVent_Vol	7.84E-01	9.33E-01
Left lingual surface area	4.72E-01	8.72E-01
Left linguaLeft Thick	7.50E-01	9.33E-01
Left IOcc surface area	6.50E-01	9.33E-01
Left IOcc thickness	1.43E-01	5.15E-01
Left IOrbF surface area	7.03E-01	9.33E-01
Left IOrbF thickness	1.98E-01	5.99E-01
Left midTemp surface area	4.31E-01	8.42E-01
Left midTemp thickness	9.67E-03	3.08E-01
Left mOrbF surface area	8.87E-01	9.43E-01
Left mOrbF thickness	5.95E-02	3.52E-01
Left ParsOp surface area	2.49E-02	3.08E-01
Left ParsOp thickness	2.94E-02	3.11E-01
Left ParsOrb surface area	7.26E-01	9.33E-01
Left ParsOrb thickness	6.55E-01	9.33E-01
Left ParsTri surface area	2.28E-01	6.30E-01
Left ParsTri thickness	1.50E-01	5.15E-01
Left PCC surface area	5.36E-01	8.88E-01
Left PCC thickness	5.23E-01	8.88E-01
Left pCent surface area	3.63E-01	7.89E-01
Left pCent thickness	7.84E-01	9.33E-01
Left PeriCalc surface area	7.41E-01	9.33E-01
Left PeriCalc thickness	7.45E-01	9.33E-01
Left pHipp surface area	2.36E-01	6.30E-01
Left pHipp thickness	4.47E-01	8.48E-01
Left postCent surface area	1.12E-01	4.61E-01
Left postCent thickness	6.52E-01	9.33E-01
Left preCent surface area	6.78E-02	3.66E-01
Left preCent thickness	9.73E-02	4.50E-01
Left preCun surface area	9.03E-01	9.43E-01
Left preCun thickness	4.22E-01	8.42E-01
Left rACC surface area	7.26E-01	9.33E-01
Left rACC thickness	8.69E-01	9.43E-01
Left rMF surface area	4.22E-01	8.42E-01
Left rMF thickness	9.46E-01	9.72E-01
Left supF surface area	6.36E-02	3.62E-01
Left supF thickness	5.20E-01	8.88E-01

Left supP surface area	3.41E-01	7.70E-01
Left supP thickness	1.28E-01	4.99E-01
Left SupraMarg surface area	7.18E-01	9.33E-01
Left SupraMarg thickness	1.49E-03	2.21E-01
Left supT surface area	3.90E-01	8.26E-01
Left supT thickness	1.49E-01	5.15E-01
Left TPole surface area	9.22E-01	9.55E-01
Left TPole thickness	1.40E-01	5.15E-01
Left TransT surface area	7.94E-01	9.33E-01
Left TransT thickness	8.90E-02	4.25E-01
Right bankssts surface area	1.91E-01	5.95E-01
Right bankssts thickness	9.58E-01	9.78E-01
Right cACC surface area	3.75E-01	8.04E-01
Right cACC thickness	2.88E-01	6.99E-01
Right cMF surface area	3.99E-02	3.48E-01
Right cMF thickness	7.98E-01	9.33E-01
Right Cuneus surface area	3.42E-01	7.70E-01
Right Cuneus thickness	6.09E-01	9.33E-01
Right Ent surface area	3.20E-01	7.61E-01
Right Ent thickness	8.03E-01	9.33E-01
Right Fform surface area	9.94E-01	9.94E-01
Right Fform thickness	2.45E-02	3.08E-01
Right FPole surface area	6.49E-01	9.33E-01
Right FPole thickness	2.87E-01	6.99E-01
Right infLatVent_Vol	1.77E-01	5.83E-01
Right Ins surface area	1.14E-01	4.61E-01
Right Ins thickness	1.34E-01	5.10E-01
Right iPar surface area	8.39E-01	9.43E-01
Right iPaRight Thick	3.45E-01	7.70E-01
Right isthmusACC surface area	7.09E-02	3.66E-01
Right isthmusACC thickness	2.26E-01	6.30E-01
Right iTemp surface area	4.14E-01	8.42E-01
Right iTemp thickness	1.46E-02	3.08E-01
Right LatVent_Vol	7.62E-01	9.33E-01
Right lingual surface area	3.37E-02	3.32E-01
Right linguaLeft Thick	5.49E-01	8.88E-01
Right IOcc surface area	5.11E-01	8.88E-01
Right IOcc thickness	2.38E-01	6.30E-01
Right IOrbF surface area	4.71E-02	3.49E-01
Right IOrbF thickness	7.14E-01	9.33E-01
Right midTemp surface area	7.77E-01	9.33E-01
Right midTemp thickness	2.14E-02	3.08E-01
Right mOrbF surface area	1.91E-01	5.95E-01
Right mOrbF thickness	5.54E-01	8.88E-01
Right ParsOp surface area	8.12E-01	9.33E-01
Right ParsOp thickness	1.71E-01	5.75E-01
Right ParsOrb surface area	4.42E-01	8.48E-01
Right ParsOrb thickness	4.81E-01	8.79E-01
Right ParsTri surface area	2.26E-01	6.30E-01
Right ParsTri thickness	7.19E-01	9.33E-01
Right PCC surface area	8.48E-01	9.43E-01
Right PCC thickness	5.40E-01	8.88E-01
Right pCent surface area	7.23E-01	9.33E-01
Right pCent thickness	1.07E-01	4.61E-01
Right PeriCalc surface area	4.25E-01	8.42E-01
Right PeriCalc thickness	3.24E-01	7.61E-01
Right pHipp surface area	2.80E-01	6.99E-01
Right pHipp thickness	7.29E-01	9.33E-01
Right postCent surface area	4.38E-02	3.48E-01
Right postCent thickness	9.94E-01	9.94E-01
Right preCent surface area	1.04E-01	4.61E-01
Right preCent thickness	7.75E-02	3.82E-01
Right preCun surface area	1.07E-02	3.08E-01
Right preCun thickness	7.04E-01	9.33E-01
Right rACC surface area	3.49E-01	7.70E-01
Right rACC thickness	6.88E-01	9.33E-01

Right rMF surface area	5.08E-01	8.88E-01
Right rMF thickness	6.53E-01	9.33E-01
Right supF surface area	4.10E-02	3.48E-01
Right supF thickness	5.07E-01	8.88E-01
Right supP surface area	5.86E-01	9.22E-01
Right supP thickness	7.16E-02	3.66E-01
Right SupraMarg surface area	5.89E-02	3.52E-01
Right SupraMarg thickness	5.74E-02	3.52E-01
Right supT surface area	6.68E-01	9.33E-01
Right supT thickness	5.93E-01	9.24E-01
Right TPole surface area	9.94E-01	9.94E-01
Right TPole thickness	2.23E-02	3.08E-01
Right TransT surface area	4.33E-01	8.42E-01
Right TransT thickness	5.43E-01	8.88E-01

cally matched non-smokers (N=106) in the GSP sample