

SUPPLEMENTARY TABLE S5A.

	<i>Left hemisphere cortical region</i>														
	<i>Frontal</i>			<i>Cingulum</i>			<i>Temporal</i>			<i>Parietal</i>			<i>Occipital</i>		
	<i>Statistic*</i>														
	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>
Post-acute child cognitive PCS															
Group	2.73	.006	0.32	2.79	.005	0.32	2.89	.004	0.34	2.70	.007	0.32	3.11	.002	0.36
Average Thickness	0.06	.952	0.04	0.73	.465	0.42	-0.44	.657	-0.24	0.44	.661	0.31	-1.75	.080	-1.14
Age	1.64	.101	0.04	1.24	.215	0.03	1.25	.210	0.03	1.19	.233	0.03	1.12	.262	0.02
Sex	-0.10	.918	-0.01	-0.04	.966	<0.01	-0.05	.960	-0.01	-0.06	.948	-0.01	<0.01	.998	<0.01
Pre-morbid HBI	1.32	.188	0.01	1.35	.178	0.01	1.32	.188	0.01	1.29	.197	0.01	1.03	.303	0.01
Group × average thickness	0.49	.622	0.40	-0.94	.346	-0.63	-0.10	.921	-0.07	-0.55	.586	-0.47	1.32	.187	1.07
3-Month child cognitive PCS															
Group	0.32	.745	0.06	0.24	.807	0.04	0.22	.825	0.04	0.23	.815	0.04	0.39	.699	0.07
Average thickness	1.14	.255	1.15	0.65	.516	0.56	0.28	.783	0.23	0.91	.364	0.91	-1.04	.298	-1.09
Age	1.89	.058	0.07	1.76	.079	0.06	1.58	.113	0.05	1.40	.160	0.05	1.02	.307	0.04
Sex	-0.45	.652	-0.08	-0.48	.628	-0.09	-0.46	.643	-0.08	-0.40	.686	-0.07	-0.30	.767	-0.05
Pre-morbid HBI	3.13	.002	0.04	3.26	.001	0.04	3.21	.001	0.04	3.13	.002	0.04	2.71	.007	0.03
Group × average thickness	-0.58	.563	-0.72	-0.49	.627	-0.50	-1.08	.282	-1.22	-1.04	.300	-1.37	0.22	.829	0.28
6-Month child cognitive PCS															
Group	-0.52	.601	-0.10	-0.59	.553	-0.12	-0.64	.520	-0.12	-0.45	.655	-0.09	-0.41	.682	-0.08
Average thickness	1.40	.161	1.72	0.11	.909	0.12	0.39	.694	0.36	-0.04	.967	-0.05	-1.22	.222	-1.39
Age	1.30	.195	0.05	1.21	.226	0.05	1.37	.171	0.05	0.97	.331	0.04	1.00	.315	0.04
Sex	-0.55	.582	-0.11	-0.51	.610	-0.10	-0.59	.557	-0.12	-0.48	.630	-0.10	-0.51	.608	-0.10
Pre-morbid HBI	3.11	.002	0.04	3.22	.001	0.04	3.10	.002	0.04	3.15	.002	0.04	2.84	.005	0.04
Group × average thickness	-1.67	.096	-2.38	-0.62	.538	-0.72	-1.56	.118	-1.86	-0.68	.497	-1.00	0.87	.383	1.22

Italic=unadjusted *p* value <0.05.

Bolded=FDR adjusted *p* value <0.05.

PCS, post-concussive symptoms; HBI, Health and Behavior Inventory.

SUPPLEMENTARY TABLE S5B.

	<i>Right hemisphere cortical region</i>														
	<i>Frontal</i>			<i>Cingulum</i>			<i>Temporal</i>			<i>Parietal</i>			<i>Occipital</i>		
	<i>Statistic*</i>														
	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>	<i>z</i>	<i>p</i>	<i>B</i>
Post-acute child cognitive PCS															
Group	2.68	.007	0.31	2.85	.004	0.33	2.91	.004	0.34	3.00	.003	0.35	2.93	.003	0.34
Average thickness	0.52	.602	0.29	1.20	.231	0.62	-0.30	.762	-0.17	-0.85	.396	-0.63	-1.21	.227	-0.78
Age	1.52	.130	0.04	1.20	.229	0.03	1.17	.242	0.02	0.99	.320	0.02	1.28	.200	0.03
Sex	-0.08	.939	-0.01	-0.08	.935	-0.01	-0.06	.954	-0.01	<0.01	.999	<0.01	<0.01	.996	<0.01
Pre-morbid HBI	1.21	.228	0.01	1.36	.174	0.01	1.25	.213	0.01	1.36	.175	0.01	1.05	.292	0.01
Group × average thickness	-0.10	.918	-0.07	-1.64	.101	-1.01	-0.47	.636	-0.34	0.32	.746	0.29	1.17	.243	0.92
3-Month child cognitive PCS															
Group	0.21	.837	0.04	0.52	.607	0.09	0.30	.763	0.05	0.32	.752	0.06	0.25	.801	0.04
Average thickness	0.78	.438	0.64	2.12	.034	1.62	-0.32	.750	-0.28	0.24	.807	0.28	-0.47	.639	-0.48
Age	1.89	.059	0.07	2.09	.036	0.07	1.48	.139	0.05	1.18	.240	0.04	1.55	.122	0.06
Sex	-0.34	.734	-0.06	-0.33	.743	-0.06	-0.52	.601	-0.09	-0.42	.673	-0.08	-0.48	.629	-0.09
Pre-morbid HBI	2.96	.003	0.03	3.06	.002	0.04	3.25	.001	0.04	3.26	.001	0.04	2.99	.003	0.04
Group × average thickness	-0.18	.859	-0.18	-1.72	.086	-1.55	-0.68	.496	-0.78	-0.83	.407	-1.20	0.54	.587	0.69
6-Month child cognitive PCS															
Group	-0.68	.494	-0.14	0.01	.991	<0.01	-0.53	.598	-0.11	-0.57	.568	-0.12	-0.64	.524	-0.12
Average thickness	1.94	.052	1.83	2.75	.006	2.33	-0.19	.851	-0.18	<0.01	.999	<0.01	-0.91	.365	-1.01
Age	1.25	.210	0.05	1.70	.090	0.06	1.45	.148	0.05	1.34	.181	0.05	1.57	.117	0.06
Sex	-0.43	.667	-0.09	-0.35	.723	-0.07	-0.53	.594	-0.11	-0.54	.590	-0.11	-0.62	.533	-0.13
Pre-morbid HBI	2.98	.003	0.04	3.28	.001	0.04	3.18	.001	0.04	3.27	.001	0.04	3.20	.001	0.04
Group × average thickness	-2.40	.017	-2.70	-2.98	.003	-2.94	-0.19	.847	-0.23	-0.10	.924	-0.15	1.41	.158	1.92

Italic=unadjusted *p* value <0.05.

Bolded=false discovery rate adjusted *p* value <0.05.

PCS, post-concussive symptoms; HBI, Health and Behavior Inventory.