

Table S3. Twin Cortical Thickness

ROI	LS Means - Year 0	LS Means - Year 1	LS Means - Year 2	Difference in LS Means for Years 0 to 1 P-Value	Difference in LS Means for Years 1 to 2 P-Value	Difference in LS Means for Years 0 to 2 P-Value	Percent Change LS Means - Year 0 to 1	Percent Change LS Means - Year 1 to 2	Percent Change LS Means - Year 0 to 2
Central Region									
Precentral_L	1.95 (0.02)	2.50 (0.02)	2.77 (0.02)	4.55E-34	8.91E-19	4.57E-39	28.33	10.81	42.20
Precentral_R	1.86 (0.02)	2.38 (0.02)	2.66 (0.02)	6.64E-33	4.96E-20	4.14E-38	27.81	11.97	43.11
Postcentral_L	1.97 (0.02)	2.12 (0.02)	2.43 (0.02)	1.90E-08	4.60E-19	1.17E-23	7.72	14.47	23.30
Postcentral_R	1.86 (0.02)	2.02 (0.02)	2.29 (0.02)	7.92E-09	6.38E-17	1.62E-23	8.51	13.63	23.30
Rolandic_Oper_L	2.08 (0.03)	3.36 (0.03)	3.34 (0.03)	3.68E-42	6.57E-01	2.17E-37	61.09	-0.46	60.36
Rolandic_Oper_R	2.15 (0.03)	3.40 (0.03)	3.40 (0.03)	2.45E-42	8.86E-01	4.37E-38	58.16	0.14	58.39
						Average % Change	31.94	8.43	41.78
Frontal Lobe									
Lateral Surface									
Frontal_Sup_L	2.27 (0.03)	3.00 (0.03)	3.30 (0.03)	3.30E-32	3.82E-14	2.29E-35	32.39	9.96	45.58
Frontal_Sup_R	2.13 (0.03)	2.81 (0.03)	3.13 (0.03)	7.65E-27	2.81E-12	2.78E-31	32.13	11.13	46.84
Frontal_Mid_L	2.21 (0.03)	2.88 (0.03)	3.19 (0.03)	1.32E-34	5.93E-18	1.27E-38	30.38	10.67	44.29
Frontal_Mid_R	2.24 (0.03)	2.93 (0.03)	3.21 (0.03)	1.96E-36	6.91E-17	1.83E-38	30.89	9.43	43.23
Frontal_Inf_Oper_L	2.09 (0.03)	3.07 (0.03)	3.16 (0.03)	3.11E-37	1.02E-02	1.73E-34	47.34	2.82	51.50
Frontal_Inf_Oper_R	2.06 (0.03)	3.12 (0.03)	3.18 (0.03)	2.06E-40	4.65E-02	2.27E-37	50.92	1.98	53.91
Frontal_Inf_Tri_L	2.26 (0.02)	3.08 (0.02)	3.19 (0.02)	1.67E-39	4.40E-05	8.76E-38	36.38	3.54	41.20
Frontal_Inf_Tri_R	2.23 (0.03)	3.03 (0.03)	3.18 (0.03)	1.41E-39	1.58E-07	7.79E-38	36.25	4.75	42.72
						Average % Change	37.08	6.79	46.16
Medial Surface									
Frontal_Sup_Medial_L	2.44 (0.04)	4.00 (0.04)	4.01 (0.04)	2.51E-40	7.93E-01	1.02E-36	64.08	0.30	64.57
Frontal_Sup_Medial_R	2.42 (0.05)	3.62 (0.05)	3.69 (0.05)	9.16E-31	2.13E-01	1.94E-27	49.88	1.83	52.62
Supp_Motor_Area_L	2.25 (0.04)	3.17 (0.04)	3.26 (0.04)	8.89E-30	2.48E-02	7.49E-29	40.80	3.04	45.08
Supp_Motor_Area_R	2.17 (0.04)	3.18 (0.04)	3.32 (0.04)	2.38E-28	4.63E-03	8.50E-28	46.45	4.54	53.10
Paracentral_Lobule_L	1.86 (0.03)	2.11 (0.03)	2.31 (0.03)	2.33E-09	3.61E-07	2.67E-15	13.52	9.69	24.51
Paracentral_Lobule_R	1.68 (0.05)	2.24 (0.05)	2.52 (0.05)	3.05E-14	3.03E-06	1.93E-19	32.84	12.77	49.81
						Average % Change	41.26	5.36	48.28
Orbital Surface									
Frontal_Sup_Orb_L	2.58 (0.05)	3.76 (0.05)	3.81 (0.05)	8.20E-32	2.71E-01	3.36E-28	45.90	1.46	48.02
Frontal_Sup_Orb_R	2.50 (0.05)	3.55 (0.05)	3.60 (0.05)	1.72E-30	2.85E-01	5.32E-27	42.05	1.41	44.05
Frontal_Med_Orb_L	2.49 (0.05)	3.88 (0.05)	3.83 (0.05)	5.97E-33	3.59E-01	5.28E-28	55.85	-1.32	53.80
Frontal_Med_Orb_R	2.45 (0.05)	3.75 (0.05)	3.35 (0.05)	6.78E-31	2.15E-09	3.74E-19	53.09	-10.65	36.79
Frontal_Mid_Orb_L	2.53 (0.05)	3.77 (0.05)	3.87 (0.05)	5.19E-36	2.62E-02	1.05E-32	48.88	2.61	52.75
Frontal_Mid_Orb_R	2.49 (0.05)	3.69 (0.05)	3.77 (0.05)	2.98E-33	1.27E-01	2.48E-29	48.15	1.97	51.07
Frontal_Inf_Orb_L	2.49 (0.04)	3.79 (0.04)	3.83 (0.04)	1.70E-44	2.38E-01	1.95E-39	52.03	1.00	53.54
Frontal_Inf_Orb_R	2.50 (0.03)	3.77 (0.03)	3.80 (0.03)	3.31E-45	3.45E-01	7.71E-41	51.01	0.76	52.16
Rectus_L	2.53 (0.07)	4.08 (0.07)	4.06 (0.07)	8.47E-28	7.75E-01	1.19E-23	61.49	-0.54	60.62
Rectus_R	2.28 (0.10)	3.75 (0.10)	3.42 (0.10)	1.32E-20	2.42E-03	8.45E-13	64.62	-8.74	50.24
Olfactory_L	2.04 (0.07)	3.09 (0.07)	3.36 (0.07)	3.61E-19	1.05E-03	7.93E-21	51.34	8.85	64.73
Olfactory_R	1.80 (0.06)	2.87 (0.06)	3.13 (0.06)	1.36E-23	1.58E-04	4.93E-25	58.88	9.07	73.29
						Average % Change	52.77	0.49	53.42
Temporal Lobe									
Temporal_Sup_L	2.24 (0.03)	3.24 (0.03)	3.34 (0.03)	7.51E-38	2.60E-03	2.32E-36	44.51	3.12	49.01
Temporal_Sup_R	2.23 (0.03)	3.28 (0.03)	3.37 (0.03)	2.54E-42	2.40E-03	8.45E-39	46.81	2.70	50.78
Heschl_L	2.02 (0.04)	2.93 (0.04)	3.02 (0.04)	5.04E-28	3.64E-02	6.57E-27	44.84	3.27	49.58
Heschl_R	2.12 (0.04)	3.27 (0.04)	3.36 (0.04)	1.12E-31	6.47E-02	1.67E-29	54.20	2.77	58.48
Temporal_Mid_L	2.27 (0.02)	3.14 (0.02)	3.23 (0.02)	3.20E-45	2.11E-05	5.45E-42	38.07	3.03	42.25
Temporal_Mid_R	2.17 (0.02)	3.07 (0.02)	3.16 (0.02)	3.56E-47	1.05E-04	2.21E-43	41.43	2.67	45.20
Temporal_Inf_L	2.29 (0.04)	3.06 (0.04)	3.21 (0.04)	1.11E-29	5.88E-05	5.76E-29	33.59	4.99	40.25
Temporal_Inf_R	2.30 (0.03)	2.92 (0.03)	3.10 (0.03)	9.35E-34	1.08E-09	2.70E-33	27.11	5.93	34.65
Temporal_Pole_Sup_L	2.86 (0.04)	4.28 (0.04)	4.44 (0.04)	7.75E-42	9.19E-05	8.43E-39	49.41	3.79	55.07
Temporal_Pole_Sup_R	2.98 (0.04)	4.33 (0.04)	4.46 (0.04)	1.15E-40	1.02E-03	5.95E-38	45.38	3.09	49.87
Temporal_Pole_Mid_L	3.29 (0.07)	4.22 (0.07)	4.27 (0.07)	3.46E-20	5.03E-01	3.22E-17	28.42	1.07	29.79
Temporal_Pole_Mid_R	3.11 (0.06)	4.07 (0.06)	4.11 (0.06)	1.29E-24	4.53E-01	7.84E-21	30.84	1.03	32.19
						Average % Change	40.38	3.12	44.76
Insula									
Insula_L	2.18 (0.02)	3.62 (0.02)	3.68 (0.02)	1.21E-49	3.90E-02	2.15E-47	66.22	1.67	68.99
Insula_R	1.93 (0.02)	3.34 (0.02)	3.38 (0.02)	6.74E-56	1.14E-01	1.26E-51	73.61	1.05	75.43
						Average % Change	69.92	1.36	72.21
Cingulate									
Cingulate_Ant_L	2.09 (0.04)	3.36 (0.04)	3.16 (0.04)	1.23E-36	1.82E-05	3.58E-29	61.06	-6.00	51.40
Cingulate_Ant_R	2.14 (0.04)	3.47 (0.04)	3.27 (0.04)	5.73E-39	3.69E-06	7.06E-30	62.10	-6.02	52.35
Cingulate_Mid_L	2.03 (0.03)	2.99 (0.03)	2.91 (0.03)	1.63E-39	6.08E-03	3.23E-33	47.59	-2.76	43.52
Cingulate_Mid_R	1.95 (0.03)	2.93 (0.03)	2.84 (0.03)	2.26E-40	2.53E-03	3.44E-34	50.70	-3.08	46.07
Cingulate_Post_L	1.72 (0.06)	2.17 (0.06)	2.26 (0.06)	2.64E-11	1.33E-01	9.34E-11	26.57	3.89	31.50
Cingulate_Post_R	1.37 (0.06)	1.99 (0.06)	1.94 (0.06)	6.91E-13	4.29E-01	1.63E-09	45.84	-2.73	41.86
						Average % Change	48.98	-2.78	44.45
Parietal Lobe									
Parietal_Sup_L	1.97 (0.03)	2.25 (0.03)	2.60 (0.03)	1.12E-13	2.87E-17	2.96E-24	14.41	15.58	32.24
Parietal_Sup_R	1.99 (0.04)	2.16 (0.04)	2.66 (0.04)	4.85E-04	3.33E-15	2.80E-18	8.67	22.89	33.55
Parietal_Inf_L	2.06 (0.02)	2.74 (0.02)	2.97 (0.02)	3.59E-40	3.92E-16	2.48E-41	33.38	8.19	44.30
Parietal_Inf_R	1.99 (0.03)	2.66 (0.03)	2.88 (0.03)	2.86E-29	1.16E-09	7.40E-32	33.73	8.51	45.11
Angular_L	2.20 (0.03)	3.02 (0.03)	3.24 (0.03)	5.73E-35	7.32E-10	3.16E-36	37.43	7.29	47.44
Angular_R	2.13 (0.03)	2.82 (0.03)	3.10 (0.03)	1.54E-30	1.48E-13	3.75E-34	32.08	10.25	45.62
SupraMarginal_L	2.23 (0.03)	3.15 (0.03)	3.34 (0.03)	4.37E-36	2.56E-07	2.09E-36	41.29	5.91	49.64
SupraMarginal_R	2.12 (0.03)	2.96 (0.03)	3.13 (0.03)	1.49E-37	2.30E-08	2.37E-37	39.19	5.93	47.44
Precuneus_L	2.10 (0.03)	2.75 (0.03)	2.87 (0.03)	2.11E-30	2.17E-04	2.87E-29	30.98	4.14	36.40
Precuneus_R	1.91 (0.03)	2.77 (0.03)	2.86 (0.03)	1.90E-32	6.54E-03	2.44E-31	44.77	3.54	49.89
						Average % Change	31.59	9.22	43.16
Occipital Lobe									
Occipital_Sup_L	2.02 (0.03)	2.35 (0.03)	2.60 (0.03)	8.05E-17	1.47E-12	3.36E-23	16.15	10.71	28.59
Occipital_Sup_R	2.02 (0.03)	2.25 (0.03)	2.49 (0.03)	1.72E-09	1.72E-10	1.55E-17	11.30	11.00	23.54
Occipital_Mid_L	2.04 (0.02)	2.49 (0.02)	2.69 (0.02)	4.16E-29	3.94E-13	1.41E-32	22.21	7.95	31.93
Occipital_Mid_R	1.98 (0.02)	2.34 (0.02)	2.57 (0.02)	1.01E-20	6.45E-13	7.27E-27	17.99	9.77	29.52
Occipital_Inf_L	2.19 (0.03)	2.43 (0.03)	2.67 (0.03)	1.13E-09	1.03E-09	2.11E-17	10.96	9.91	21.96
Occipital_Inf_R	2.18 (0.05)	2.16 (0.05)	2.38 (0.05)	5.44E-01	1.23E-06	3.13E-04	-1.18	10.61	9.30
Cuneus_L	2.02 (0.04)	2.49 (0.04)	2.62 (0.04)	3.29E-16	3.69E-03	4.81E-18	23.79	5.17	30.19
Cuneus_R	2.13 (0.03)	2.59 (0.03)	2.70 (0.03)	2.41E-18	4.42E-03	2.35E-20	21.48	4.14	26.51
Calcarine_L	2.04 (0.04)	2.24 (0.04)	2.45 (0.04)	1.91E-05	4.87E-06	7.51E-11	9.52	9.40	19.81
Calcarine_R	2.20 (0.04)	2.21 (0.04)	2.44 (0.04)	8.01E-01	1.41E-07	6.80E-06	0.45	10.52	11.02
Lingual_L	2.17 (0.03)	2.08 (0.03)	2.39 (0.03)	8.12E-04	1.20E-16	4.27E-08	-4.47	15.28	10.12
Lingual_R	2.18 (0.03)	2.03 (0.03)	2.39 (0.03)	8.50E-04	2.99E-11	3.48E-05	-6.97	17.43	9.24
Fusiform_L	2.21 (0.03)	2.15 (0.03)	2.54 (0.03)	1.08E-01	5.38E-17	4.62E-12	-2.42	17.89	15.03
Fusiform_R	2.29 (0.02)	2.20 (0.02)	2.64 (0.02)	1.90E-03	1.85E-22	2.36E-16	-3.91	19.57	14.89
						Average % Change	8.21	11.38	20.12