

**Table S10. Replicated Significant Cortical Thickness and Surface Area Gender Comparison Values and Growth Rates**

Region of Interest	Year 0 LS Mean (SE) Females	Year 0 LS Mean (SE) Males	Year 0 P Value	Year 1-Year 0 Males vs Females F(df)	Year 0 to 1 P Value	Year 2-Year 1 Males vs Females F(df)	Year 1 to 2 P Value
<b>Cortical Thickness</b>							
<i>Singleton Cohort</i>							
Fusiform_L	2.27 (0.06)	2.10 (0.05)	3.87E-02	0.07(1, 76)	7.91E-01	1.15(1, 76)	2.87E-01
<i>Twin Cohort</i>							
Fusiform_L	2.27 (0.04)	2.15 (0.04)	4.62E-02	0.63(1, 58)	4.32E-01	0.00(1, 58)	9.54E-01
<b>Surface Area</b>							
<i>Singleton Cohort</i>							
Precentral_L	1465.88 (59.11)	1459.27 (53.97)	9.34E-01	7.37(1, 76)	8.21E-03	0.00(1, 76)	9.61E-01
Frontal_Sup_L	1306.89 (76.30)	1330.61 (69.78)	8.18E-01	3.99(1, 76)	4.93E-02	0.04(1, 76)	8.42E-01
Frontal_Mid_L	2164.73 (112.06)	2280.72 (102.58)	4.45E-01	11.36(1, 76)	1.18E-03	2.78(1, 76)	9.95E-02
Olfactory_L	183.23 (18.51)	182.56 (16.88)	9.79E-01	4.60(1, 76)	3.52E-02	0.54(1, 76)	4.64E-01
Insula_L	1125.51 (59.87)	1196.84 (54.81)	3.80E-01	4.60(1, 76)	3.51E-02	0.01(1, 76)	9.37E-01
Temporal_Mid_R	3049.63 (161.78)	3069.75 (147.83)	9.27E-01	0.57(1, 76)	4.52E-01	4.29(1, 76)	4.17E-02
Parietal_Sup_L	786.96 (68.23)	788.36 (62.31)	9.88E-01	5.13(1, 76)	2.64E-02	0.28(1, 76)	6.01E-01
Calcarine_R	1277.69 (69.13)	1279.53 (63.18)	9.84E-01	6.67(1, 76)	1.17E-02	2.00(1, 76)	1.62E-01
<i>Twin Cohort</i>							
Precentral_L	1421.73 (83.28)	1416.21 (88.43)	9.65E-01	4.31(1, 58)	4.23E-02	2.38(1, 58)	1.29E-01
Frontal_Sup_L	1186.56 (63.96)	1120.75 (67.89)	4.97E-01	4.44(1, 58)	3.95E-02	0.87(1, 58)	3.54E-01
Frontal_Mid_L	2177.75 (148.55)	2046.90 (157.90)	5.61E-01	4.10(1, 58)	4.75E-02	2.81(1, 58)	9.92E-02
Olfactory_L	192.19 (10.91)	188.87 (11.45)	8.37E-01	4.12(1, 58)	4.70E-02	0.01(1, 58)	9.42E-01
Insula_L	1064.17 (42.08)	1116.96 (44.61)	4.07E-01	8.97(1, 58)	4.02E-03	0.07(1, 58)	7.87E-01
Temporal_Mid_R	2883.38 (141.16)	2788.54 (149.40)	6.55E-01	6.17(1, 58)	1.59E-02	5.18(1, 58)	2.66E-02
Parietal_Sup_L	783.24 (61.85)	862.02 (65.45)	3.98E-01	4.78(1, 58)	3.28E-02	0.50(1, 58)	4.80E-01
Calcarine_R	1326.50 (71.06)	1152.27 (75.40)	1.08E-01	5.11(1, 58)	2.75E-02	3.99(1, 58)	5.04E-02