

Singleton Cohort						Twin Cohort					
Birth to 1 Year			1 to 2 Years			Birth to 1 Year			1 to 2 Years		
Region of Interest	Partial Correlation	P-Value	Region of Interest	Partial Correlation	P-value	Region of Interest	Partial Correlation	P-Value	Region of Interest	Partial Correlation	P-value
Parietal_Inf_L	0.69	1.89E-06	SupraMarginal_R	0.85	9.35E-12	Occipital_Mid_L	0.68	5.64E-05	Precentral_R	0.54	2.32E-03
Temporal_Inf_L	0.64	1.67E-05	Angular_R	0.81	5.33E-10	Precentral_R	0.58	1.09E-03	Parietal_Sup_R	0.43	2.02E-02
Frontal_Mid_Orb_L	0.63	2.47E-05	Temporal_Mid_R	0.80	2.05E-09	Calcarine_L	0.48	8.21E-03	Parietal_Sup_L	0.39	3.88E-02
Occipital_Inf_L	0.58	1.56E-04	Frontal_Mid_Orb_L	0.80	2.34E-09	Fusiform_R	0.48	8.29E-03	Precentral_L	0.33	7.77E-02
Insula_L	0.55	3.93E-04	Parietal_Inf_L	0.76	3.89E-08	Frontal_Mid_R	0.47	9.76E-03	Frontal_Mid_L	0.33	7.98E-02
Frontal_Mid_Orb_R	0.52	7.96E-04	Cingulum_Mid_R	0.75	5.64E-08	Precentral_L	0.44	1.77E-02	Parietal_Inf_L	0.29	1.25E-01
Olfactory_L	0.51	1.08E-03	Occipital_Mid_L	0.71	7.43E-07	Frontal_Inf_Oper_L	0.42	2.22E-02	Angular_R	0.27	1.64E-01
Temporal_Inf_R	0.45	5.00E-03	Temporal_Inf_L	0.68	2.13E-06	SupraMarginal_R	0.38	4.17E-02	Cuneus_R	0.25	1.94E-01
Parietal_Sup_R	0.43	6.82E-03	Frontal_Inf_Orb_L	0.67	4.34E-06	Temporal_Inf_R	0.36	5.38E-02	Frontal_Sup_R	0.24	2.09E-01
Frontal_Inf_Orb_L	0.42	8.70E-03	Occipital_Inf_L	0.65	1.08E-05	Insula_L	0.36	5.48E-02	Parietal_Inf_R	0.24	2.15E-01
Fusiform_L	0.41	1.08E-02	Frontal_Mid_Orb_R	0.65	1.11E-05	Occipital_Inf_L	0.35	6.48E-02	Cingulum_Post_L	0.23	2.30E-01
Occipital_Mid_R	0.40	1.22E-02	SupraMarginal_L	0.62	3.68E-05	Temporal_Mid_R	0.34	6.85E-02	Occipital_Mid_L	0.21	2.73E-01
Frontal_Sup_Orb_L	0.39	1.59E-02	Frontal_Sup_Orb_R	0.61	4.26E-05	Parietal_Inf_L	0.33	8.15E-02	Angular_L	0.16	4.04E-01
Frontal_Mid_L	0.38	1.82E-02	Temporal_Mid_L	0.59	8.23E-05	Cuneus_R	0.32	9.11E-02	SupraMarginal_R	0.15	4.24E-01
Parietal_Inf_R	0.37	2.37E-02	Occipital_Mid_R	0.57	1.94E-04	Frontal_Sup_L	0.31	9.66E-02	Occipital_Mid_R	0.15	4.51E-01
Cingulum_Mid_R	0.36	2.61E-02	Occipital_Sup_L	0.54	4.78E-04	Temporal_Mid_L	0.30	1.16E-01	Insula_L	0.14	4.85E-01
Cingulum_Post_L	0.34	3.80E-02	Parietal_Sup_L	0.53	7.12E-04	Occipital_Inf_R	0.28	1.37E-01	Paracentral_Lobule_L	0.12	5.38E-01
Lingual_L	0.33	4.30E-02	Frontal_Inf_Orb_R	0.50	1.45E-03	Calcarine_R	0.27	1.54E-01	Frontal_Sup_R	0.11	5.76E-01
Occipital_Inf_R	0.32	4.69E-02	Frontal_Sup_Medial_R	0.49	1.92E-03	Frontal_Mid_L	0.27	1.61E-01	Frontal_Sup_L	0.08	6.70E-01
Frontal_Inf_Orb_R	0.32	5.01E-02	Fusiform_L	0.48	2.08E-03	Occipital_Mid_R	0.26	1.72E-01	Occipital_Inf_R	0.08	6.75E-01
Cingulum_Mid_L	0.32	5.15E-02	Frontal_Sup_Orb_L	0.43	7.68E-03	Cingulum_Post_R	0.25	1.87E-01	SupraMarginal_L	0.07	7.32E-01
Frontal_Med_Orb_L	0.30	6.80E-02	Angular_L	0.42	8.24E-03	Rolandic_Oper_R	0.24	2.03E-01	Supp_Motor_Area_R	0.04	8.40E-01
Frontal_Inf_Tri_L	0.30	7.22E-02	Paracentral_Lobule_L	0.41	1.09E-02	Insula_R	0.23	2.22E-01	Occipital_Sup_R	0.03	8.84E-01
Insula_R	0.28	9.15E-02	Lingual_L	0.40	1.26E-02	Precuneus_R	0.23	2.33E-01	Olfactory_L	0.03	8.84E-01
Occipital_Mid_L	0.27	1.01E-01	Temporal_Sup_R	0.39	1.49E-02	Supp_Motor_Area_L	0.22	2.43E-01	Frontal_Mid_R	0.03	8.88E-01
Temporal_Mid_R	0.26	1.21E-01	Temporal_Pole_Mid_L	0.37	2.21E-02	Frontal_Inf_Oper_R	0.22	2.49E-01	Temporal_Inf_L	0.02	9.21E-01
Temporal_Mid_L	0.24	1.49E-01	Parietal_Sup_L	0.34	3.47E-02	Cingulum_Mid_L	0.22	2.52E-01	Occipital_Sup_L	0.01	9.75E-01
Paracentral_Lobule_R	0.23	1.67E-01	Cingulum_Mid_L	0.29	8.07E-02	Frontal_Sup_R	0.22	2.63E-01	Frontal_Sup_Medial_R	0.00	9.93E-01
Angular_L	0.23	1.67E-01	Heschl_L	0.28	8.54E-02	Occipital_Sup_R	0.20	2.95E-01	Supp_Motor_Area_L	-0.04	8.80E-01
Occipital_Sup_L	0.21	2.11E-01	Frontal_Med_Orb_R	0.26	1.15E-01	Frontal_Mid_Orb_R	0.18	3.59E-01	Precuneus_L	-0.08	6.97E-01
Cuneus_L	0.19	2.57E-01	Frontal_Med_Orb_L	0.23	1.59E-01	Parietal_Inf_R	0.16	3.93E-01	Frontal_Inf_Tri_R	-0.09	6.53E-01
Frontal_Sup_Orb_R	0.19	2.62E-01	Cingulum_Ant_R	0.22	1.94E-01	Temporal_Sup_R	0.14	4.58E-01	Heschl_R	-0.10	6.14E-01
Cingulum_Ant_L	0.16	3.26E-01	Frontal_Inf_Orb_L	0.21	2.02E-01	Angular_R	0.13	4.93E-01	Temporal_Pole_Mid_L	-0.10	6.03E-01
Frontal_Sup_R	0.15	3.74E-01	Supp_Motor_Area_R	0.20	2.29E-01	Cingulum_Mid_R	0.12	5.35E-01	Postcentral_R	-0.12	5.41E-01
Fusiform_R	0.13	4.21E-01	Fusiform_R	0.19	2.50E-01	Temporal_Inf_L	0.12	5.47E-01	Lingual_R	-0.13	5.02E-01
Precuneus_R	0.13	4.41E-01	Insula_L	0.18	2.74E-01	Angular_L	0.12	5.52E-01	Temporal_Inf_R	-0.13	4.90E-01
Angular_R	0.13	4.49E-01	Cingulum_Post_L	0.14	3.99E-01	Frontal_Sup_Orb_L	0.11	5.66E-01	Precuneus_R	-0.14	4.79E-01
Lingual_R	0.12	4.66E-01	Postcentral_R	0.14	4.09E-01	Parietal_Sup_R	0.09	6.24E-01	Fusiform_L	-0.15	4.37E-01
Paracentral_Lobule_L	0.09	5.83E-01	Precentral_L	0.14	4.18E-01	Frontal_Mid_Orb_L	0.09	6.49E-01	Olfactory_R	-0.18	3.47E-01
Heschl_R	0.08	6.42E-01	Temporal_Inf_R	0.12	4.61E-01	Cingulum_Post_L	0.09	6.54E-01	Frontal_Med_Orb_R	-0.19	3.25E-01
Calcarine_R	0.07	6.74E-01	Frontal_Mid_L	0.12	4.88E-01	Frontal_Inf_Tri_L	0.08	6.72E-01	Frontal_Mid_Orb_L	-0.21	2.67E-01
Frontal_Sup_L	0.06	7.01E-01	Occipital_Inf_R	0.08	6.40E-01	Parietal_Sup_L	0.08	6.84E-01	Cuneus_L	-0.21	2.64E-01
SupraMarginal_L	0.05	7.54E-01	Frontal_Inf_Oper_R	0.06	7.02E-01	Lingual_L	0.08	6.86E-01	Temporal_Mid_L	-0.22	2.55E-01
Frontal_Mid_R	0.05	7.60E-01	Temporal_Pole_Sup_L	0.03	8.54E-01	Rolandic_Oper_L	0.06	7.65E-01	Cingulum_Post_R	-0.23	2.36E-01
Olfactory_R	0.04	7.96E-01	Precuneus_R	0.02	9.20E-01	Temporal_Sup_L	0.05	8.00E-01	Frontal_Inf_Oper_R	-0.23	2.32E-01
Temporal_Pole_Mid_R	0.03	8.35E-01	Precuneus_L	0.01	9.34E-01	Heschl_R	0.02	8.98E-01	Temporal_Sup_R	-0.25	1.87E-01
SupraMarginal_R	0.02	8.93E-01	Frontal_Mid_R	0.00	1.00E+00	Frontal_Inf_Orb_R	0.02	9.31E-01	Insula_R	-0.26	1.80E-01
Heschl_L	0.01	9.50E-01	Cingulum_Ant_L	0.00	9.97E-01	Precuneus_L	0.02	9.35E-01	Cingulum_Mid_R	-0.26	1.67E-01
Frontal_Med_Orb_R	0.01	9.55E-01	Cingulum_Post_R	-0.03	8.61E-01	Paracentral_Lobule_R	0.01	9.51E-01	Calcarine_R	-0.28	1.49E-01
Frontal_Inf_Oper_R	0.01	9.64E-01	Lingual_R	-0.03	8.59E-01	Temporal_Pole_Mid_L	0.01	9.56E-01	Frontal_Inf_Tri_L	-0.29	1.21E-01
Cingulum_Ant_R	-0.01	9.62E-01	Rectus_L	-0.04	8.34E-01	Paracentral_Lobule_L	-0.01	9.69E-01	Occipital_Inf_L	-0.32	9.48E-02
Parietal_Sup_L	-0.01	9.29E-01	Insula_R	-0.04	8.08E-01	Postcentral_R	-0.01	9.66E-01	Frontal_Sup_Orb_L	-0.32	8.96E-02
Temporal_Pole_Mid_L	-0.02	9.16E-01	Olfactory_L	-0.04	7.91E-01	Supp_Motor_Area_R	-0.02	9.16E-01	Paracentral_Lobule_R	-0.32	8.71E-02
Cingulum_Post_R	-0.02	8.99E-01	Rectus_R	-0.05	7.80E-01	Olfactory_L	-0.05	7.88E-01	Heschl_L	-0.33	8.41E-02
Cuneus_R	-0.07	6.55E-01	Frontal_Inf_Tri_R	-0.07	6.73E-01	Frontal_Inf_Tri_R	-0.06	7.50E-01	Cingulum_Ant_L	-0.33	7.97E-02
Temporal_Pole_Sup_R	-0.09	5.88E-01	Cuneus_R	-0.10	5.52E-01	Fusiform_L	-0.08	6.86E-01	Frontal_Sup_Medial_L	-0.34	7.07E-02
Calcarine_L	-0.11	4.93E-01	Rolandic_Oper_L	-0.11	5.21E-01	Cingulum_Ant_L	-0.09	6.54E-01	Fusiform_R	-0.35	6.58E-02
Precuneus_L	-0.13	4.53E-01	Cuneus_L	-0.13	4.28E-01	Frontal_Sup_Medial_R	-0.10	6.21E-01	Cingulum_Mid_L	-0.35	6.45E-02
Occipital_Sup_R	-0.17	3.20E-01	Paracentral_Lobule_R	-0.16	3.33E-01	Frontal_Med_Orb_L	-0.10	5.88E-01	Rolandic_Oper_R	-0.36	5.56E-02
Rectus_L	-0.17	3.07E-01	Heschl_R	-0.19	2.54E-01	Frontal_Sup_Medial_L	-0.13	5.07E-01	Calcarine_L	-0.36	5.42E-02
Supp_Motor_Area_R	-0.17	3.00E-01	Frontal_Inf_Tri_L	-0.20	2.36E-01	Cuneus_L	-0.13	4.95E-01	Frontal_Mid_Orb_R	-0.37	4.77E-02
Rolandic_Oper_R	-0.19	2.49E-01	Temporal_Pole_Mid_R	-0.22	1.91E-01	Olfactory_R	-0.13	4.91E-01	Frontal_Med_Orb_L	-0.37	4.71E-02
Precentral_R	-0.20	2.39E-01	Precentral_R	-0.22	1.89E-01	Occipital_Sup_L	-0.14	4.64E-01	Temporal_Mid_R	-0.39	3.78E-02
Rolandic_Oper_L	-0.20	2.21E-01	Calcarine_L	-0.24	1.46E-01	Lingual_R	-0.14	4.60E-01	Frontal_Inf_Orb_R	-0.39	3.56E-02
Postcentral_R	-0.22	1.89E-01	Postcentral_L	-0.26	1.18E-01	Frontal_Sup_Orb_R	-0.18	3.57E-01	Temporal_Pole_Sup_L	-0.40	3.24E-02
Frontal_Inf_Tri_R	-0.22	1.76E-01	Temporal_Sup_L	-0.26	1.12E-01	Frontal_Med_Orb_R	-0.19	3.22E-01	Rolandic_Oper_L	-0.40	3.01E-02
Supp_Motor_Area_L	-0.23	1.65E-01	Calcarine_R	-0.30	6.95E-02	Frontal_Inf_Orb_L	-0.24	2.12E-01	Postcentral_L	-0.41	2.77E-02
Precentral_L	-0.25	1.27E-01	Supp_Motor_Area_L	-0.33	4.01E-02	Heschl_L	-0.25	1.89E-01	Temporal_Pole_Mid_R	-0.47	9.61E-03
Temporal_Sup_R	-0.28	8.36E-02	Temporal_Pole_Sup_R	-0.41	1.15E-02	Cingulum_Ant_R	-0.27	1.59E-01	Temporal_Sup_L	-0.47	9.34E-03
Temporal_Pole_Sup_L	-0.29	7.60E-02	Rolandic_Oper_R	-0.44	6.29E-03	Postcentral_L	-0.32	9.54E-02	Frontal_Inf_Oper_L	-0.48	9.06E-03
Temporal_Sup_L	-0.31	5.54E-02	Frontal_Sup_Medial_L	-0.45	4.94E-03	SupraMarginal_L	-0.32	9.04E-02	Cingulum_Ant_R	-0.50	5.54E-03
Frontal_Inf_Oper_L	-0.38	2.03E-02	Olfactory_R	-0.50	1.47E-03	Rectus_L	-0.41	2.79E-02	Frontal_Inf_Orb_L	-0.51	4.67E-03
Rectus_R	-0.42	9.11E-03	Frontal_Sup_L	-0.51	1.14E-03	Temporal_Pole_Sup_L	-0.42	2.46E-02	Rectus_L	-0.52	3.84E-03
Frontal_Sup_Medial_L	-0.48	2.17E-03	Frontal_Sup_R	-0.54	4.86E-04	Temporal_Pole_Mid_R	-0.57	1.20E-03	Temporal_Pole_Sup_R	-0.55	2.07E-03
Postcentral_L	-0.56	2.59E-04	Frontal_Inf_Oper_L	-0.65	8.16E-06	Temporal_Pole_Sup_R	-0.58	1.02E-03	Lingual_L	-0.65	1.16E-04
Frontal_Sup_Medial_R	-0.64	1.84E-05			Rectus_R	-0.62	3.19E-04	Rectus_R	-0.72	1.30E-05	