

Extra-axial Cerebrospinal Fluid Relationships to Infant Brain Structure, Cognitive Development, and Risk for Schizophrenia

Supplement 1

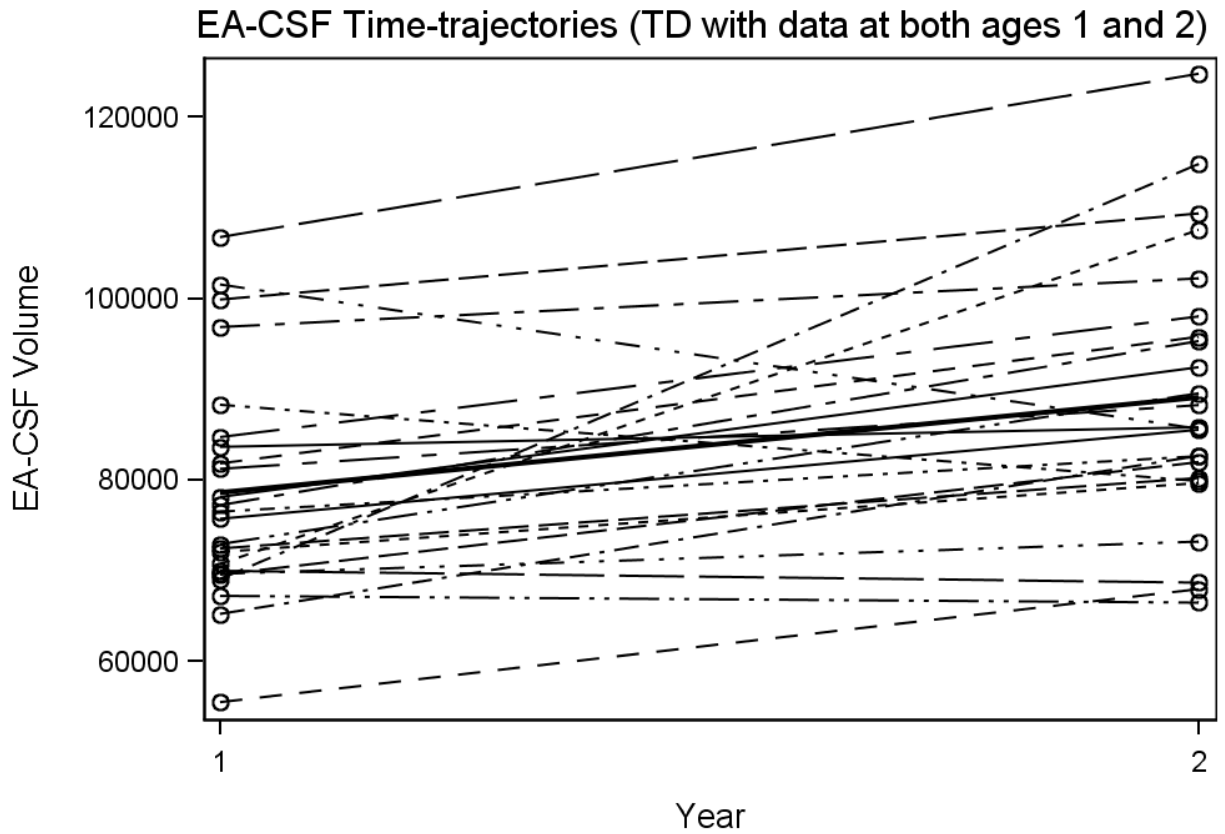
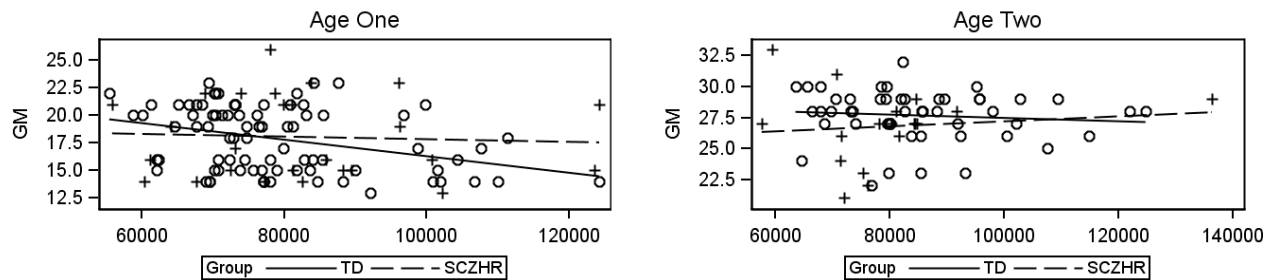


Figure S1.

Mullen Gross Motor Score Relationship to EA-CSF Volume by Group



Mullen Gross Motor Relationship to EA-CSF at Age 1 (N=108; TD=82, SCZHR=26)

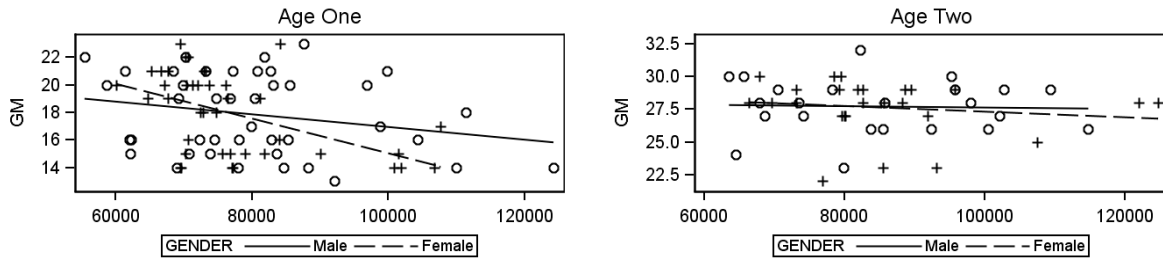
Group	Mean (SD)	Median	Minimum/Maximum	Information Type	R-Square	Estimate (SD)	Statistic	P-value
				Model	0.081583		F(3,104)=3.08	.031*
Overall	17.92 (3.12)	18	13/26	Group Effect			F(1,104)=1.78	.185
TD	17.88 (2.92)	18	13/23	EA-CSF Slope in TD		-0.00007517 (0.00002496)	t(104)=-3.01	.003*
SCZHR	18.04 (3.73)	16.5	13/26	EA-CSF Slope in SCZHR		-0.00001190 (0.00003536)	t(104)=-0.43	.737
				Group difference in EA-CSF Slope (SCZHR-TD)		0.00006327 (0.00004328)	t(104)=1.46	.147
				EA-CSF Effect			F(1,104)=4.05	.047*

Mullen Gross Motor Relationship to EA-CSF at Age 2 (N=67; TD=49, SCZHR=18)

Group	Mean (SD)	Median	Minimum/Maximum	Information Type	R-Square	Estimate (SD)	Statistic	P-value
				Model	0.037558		F(3,63)=0.82	.488
Overall	27.42 (2.36)	28	21/33	Group Effect			F(1,63)=1.09	.301
TD	27.65 (2.09)	28	22/32	EA-CSF Slope in TD		-0.00001344 (0.00002339)	t(63)=-0.57	.568
SCZHR	26.78 (2.96)	27	21/33	EA-CSF Slope in SCZHR		0.00002016 (0.00003478)	t(63)=0.58	.564
				Group difference in EA-CSF Slope (SCZHR-TD)		0.00003360 (0.00004191)	t(63)=0.80	.426
				EA-CSF Effect			F(1,63)=0.03	.873

Figure S2.

Mullen Gross Motor Score Relationship to EA-CSF Volume in Typically Developing Subjects by Gender



Mullen Gross Motor Relationship to EA-CSF in Typically Developing Subjects at Age 1 (N=82; Female=40, Male=42)

Group	Mean (SD)	Median	Minimum/Maximum	Information Type	R-Square	Estimate (SD)	Statistic	P-value
				Model	0.152523		F(3,78)=4.68	.005*
Overall TD	17.88 (3.12)	18	13/23	Gender Effect			F(1,78)=2.66	.107
Female	17.92 (2.96)	18.5	14/23	EA-CSF Slope in Female		-0.00012617 (0.00003729)	t(78)=-3.38	.001*
Male	17.83 (2.92)	17.5	13/23	EA-CSF Slope in Male		-0.00004612 (0.00002879)	t(78)=-1.60	.113
				Gender difference in EA-CSF Slope (F-M)		-0.00008005 (0.00004711)	t(78)=1.70	.093
				EA-CSF Effect			F(1,78)=13.37	<.001*

Mullen Gross Motor Relationship to EA-CSF in Typically Developing Subjects at Age 2 (N=49; Female=29, Male=23)

Group	Mean (SD)	Median	Minimum/Maximum	Information Type	R-Square	Estimate (SD)	Statistic	P-value
				Model	0.012474		F(3,45)=0.19	.903
Overall TD	27.65 (2.09)	28	21/33	Gender Effect			F(1,45)=0.13	.720
Female	27.65 (2.09)	28	21/32	EA-CSF Slope in Female		-0.00002155 (0.00002985)	t(45)=-0.72	.474
Male	26.78 (2.96)	27	21/33	EA-CSF Slope in Male		-0.00000521 (0.00002991)	t(45)=0.17	.863
				Gender difference in EA-CSF Slope (F-M)		-0.00001634 (0.00004226)	t(45)=0.39	.701
				EA-CSF Effect			F(1,45)=0.40	.530

Figure S3.