

Supplementary Table 1: Spearman Rho Correlations between the Mullen Scales of Early Learning Domains and Diffusion Tensor Imaging Scalars in other Regions of Interest (N = 14)

ROIs	MSEL GM		MSEL FM		MSEL VR		MSEL RL		MSEL EL		MSEL Composite	
	rho	sig.	rho	sig.	rho	sig.	rho	sig.	rho	sig.	rho	sig.
Genu CC FA	0.523	0.06	0.047	0.87	0.298	0.30	-0.161	0.58	-0.010	0.97	0.112	0.70
Genu CC MD	-0.717	0.00**	-0.167	0.57	-0.156	0.59	0.095	0.75	0.033	0.91	-0.092	0.75
Genu CC AD	0.092	0.75	-0.033	0.91	0.209	0.47	0.165	0.57	0.164	0.58	0.150	0.61
Genu CC RD	-0.605	0.22*	-0.046	0.88	-2.180	0.45	0.152	0.60	0.099	0.74	-0.018	0.95
Right PLIC FA	0.191	0.51	-0.176	0.55	-0.093	0.75	0.099	0.74	-0.290	0.32	-0.180	0.54
Right PLIC MD	-0.629	0.02*	0.139	0.64	-0.024	0.93	0.108	0.71	0.190	0.52	0.123	0.68
Right PLIC AD	-0.517	0.06*	-0.370	0.19	-0.350	0.22	0.183	0.53	-0.338	0.24	-0.310	0.28
Right PLIC RD	-0.471	0.09	0.145	0.62	0.026	0.93	0.018	0.95	0.256	0.38	0.161	0.58
Left PLIC FA	0.191	0.51	-0.176	0.55	-0.093	0.75	0.099	0.74	-0.290	0.32	-0.180	0.54
Left PLIC MD	-0.629	0.02*	0.139	0.64	-0.024	0.93	0.108	0.71	0.190	0.52	0.123	0.68
Left PLIC AD	-0.517	0.06	-0.370	0.19	-0.350	0.22	0.183	0.53	-0.338	0.24	-0.310	0.28
Left PLIC RD	-0.471	0.09	0.145	0.62	0.026	0.93	0.018	0.95	0.256	0.38	0.161	0.58
Thalamus FA	-0.009	0.98	-0.112	0.70	0.112	0.70	-0.104	0.72	-0.064	0.83	-0.077	0.79
Thalamus MD	-0.572	0.03*	0.150	0.61	0.073	0.81	0.309	0.28	0.343	0.23	0.246	0.40
Thalamus AD	-0.638	0.01**	0.066	0.82	0.115	0.70	0.501	0.07	0.358	0.21	0.246	0.40
Thalamus RD	-0.506	0.07	0.189	0.52	0.079	0.79	0.311	0.28	0.329	0.25	0.253	0.38

Note: CC = corpus callosum; PLIC = Posterior Limb of the Internal Capsule; FA = fractional anisotropy; MD = mean diffusivity; AD = axial diffusivity; RD = radial diffusivity; MSEL = Mullen Scales of Early Learning; GM = Gross Motor; FM = Fine Motor; VR = Visual Reception; RL = Receptive Language; EL = Expressive Language; *p ≤ .05; **p ≤ .01