

**Supplemental Table 3: Mediation: length of hospital stay (days) in d-TGA group**

variable	Global Efficiency			Modularity			Transitivity			small world		
	indirect p value	a p	b p	indirect p value	a p	b p	indirect p value	a p	b p	indirect p value	a p	b p
Full-Scale IQ (TGA: 8 yr; Referent: 16 yr)	0.5326	0.5232	0.0607	0.3271	-0.5341	-0.0144	0.1326	0.3666	0.1769	**0.0018	0.3045	-0.0387
WIAT												
Word reading	0.1855	0.5232	0.3395	0.3618	-0.5341	-0.0610	0.1006	0.3666	0.5671	**0.0149	0.3045	-0.0180
Reading comprehension	0.3576	0.5232	0.2035	0.4249	-0.5341	-0.1257	0.0420	0.3666	0.2397	**0.0007	0.3045	-0.1615
Pseudoword decoding	0.2846	0.5232	0.1061	0.4342	-0.5341	-0.0840	0.0370	0.3666	0.2462	**0.0023	0.3045	-0.1305
Reading composite	0.2585	0.5232	0.1737	0.4099	-0.5341	-0.0789	0.0224	0.3666	0.2812	**0.0024	0.3045	-0.0795
Numerical operations	0.3381	0.5232	0.2137	0.4202	-0.5341	-0.0113	0.0771	0.3666	0.2771	**0.0131	0.3045	-0.0216
Math reasoning	0.4413	0.5232	0.3393	0.5054	-0.5341	-0.0390	0.3251	0.3666	0.4500	**0.0004	0.3045	-0.1229
Math composite	0.4226	0.5232	0.2459	0.4915	-0.5341	-0.0180	0.1701	0.3666	0.3386	**0.0006	0.3045	-0.0373
Spelling (Written Language)	0.2585	0.5232	0.1586	0.3513	-0.5341	-0.0874	0.1326	0.3666	0.4126	**0.0267	0.3045	-0.0140
Listening comprehension	0.3724	0.5232	0.1432	0.4099	-0.5341	-0.0080	0.0715	0.3666	0.3213	**0.0078	0.3045	-0.0089
CMS												
Dot locations: learning	0.4485	0.5232	0.1189	0.4377	-0.5341	-0.1475	0.0722	0.3666	0.0394	0.3261	0.3045	0.4616
Dot locations: total	0.4342	0.5232	0.0939	0.4473	-0.5341	-0.1986	0.0612	0.3666	0.0204	0.3649	0.3045	0.4676
Dot locations: long delay	0.1777	0.4308	0.2251	0.8619	-0.4197	-0.7740	**0.0007	0.3120	0.0362	0.0747	0.4124	0.3144
Stories: immediate	0.5552	0.5232	0.8091	0.7159	-0.5341	-0.8059	0.4009	0.3666	0.8494	-0.1493	0.3045	-0.5070
Stories: delayed	-0.6498	0.4308	-0.9052	-0.2041	-0.4197	0.6199	0.7733	0.3120	0.8968	0.5274	0.4124	0.7748
Stories: delayed recognition	-0.1615	0.4308	-0.2448	-0.2568	-0.4197	0.8092	-0.2428	0.3120	-0.4917	0.7369	0.4124	-0.8297
Faces: immediate	0.5041	0.5232	0.0972	0.3021	-0.5341	-0.0257	0.0577	0.3666	0.0376	-0.2576	0.3045	-0.7089

Faces: delayed	0.2919	0.4308	0.0819	0.1280	-0.4197	-0.0005	**0.0067	0.3120	0.1034	-0.1092	0.4124	-0.2399
Word Pairs: learning	0.4134	0.4308	0.7682	-0.3068	-0.4197	-0.9697	**0.0032	0.3120	0.3292	0.4179	0.4124	-0.9962
Word Pairs: total score	0.3222	0.4308	0.6631	0.8088	-0.4197	-0.5622	**0.0117	0.3120	0.3551	-0.4461	0.4124	-0.4544
Word Pairs: long delay	0.4877	0.4308	0.8232	-0.8196	-0.4197	-0.8033	0.0771	0.3120	0.4901	-0.4521	0.4124	-0.4417
Word Paired: delayed recognition	0.4508	0.4308	0.2978	0.1544	-0.4197	-0.1658	0.5300	0.3120	0.7617	-0.3301	0.4124	-0.1394
Numbers: total score	0.2113	0.5232	0.3872	0.3909	-0.5341	-0.3118	0.0428	0.3666	0.3914	**0.0163	0.3045	-0.2928
Sequences: total score	0.5118	0.4308	0.7938	0.4889	-0.4197	-0.2985	0.2027	0.3120	0.4780	-0.0667	0.4124	-0.1763
Visual memory immediate	0.4927	0.5232	0.0282	0.4156	-0.5341	-0.0227	0.0744	0.3666	0.0030	0.7703	0.3045	0.7956
Visual memory delayed	0.2048	0.4308	0.0744	0.1031	-0.4197	-0.0224	**0.0037	0.3120	0.0269	-0.8682	0.4124	-0.8616
Verbal memory immediate	0.5714	0.4308	0.9064	-0.7218	-0.4197	-0.8694	0.1516	0.3120	0.6464	-0.5823	0.4124	-0.6827
Verbal memory delayed	0.7414	0.4308	0.9388	-0.2722	-0.4197	0.8974	0.1331	0.3120	0.5955	-0.6774	0.4124	-0.7470
Attention/Concentration	0.2696	0.4308	0.6902	0.4413	-0.4197	-0.4038	0.1006	0.3120	0.4883	-0.0880	0.4124	-0.2882
Learning	0.2225	0.4308	0.1920	0.5209	-0.4197	-0.2700	**0.0043	0.3120	0.0436	0.4202	0.4124	0.7058
Delayed recognition	-0.6426	0.4308	-1.0000	0.5498	-0.4197	-0.4382	-0.6965	0.3120	-0.8401	-0.4156	0.4124	-0.2765
General Memory	0.2309	0.4308	0.2231	0.2965	-0.4197	-0.1796	**0.0023	0.3120	0.0710	0.9394	0.4124	-0.9130

DKEFS

Trail Making Test - Number sequencing	0.6087	0.5232	0.0967	0.4077	-0.5341	-0.0865	0.1971	0.3666	0.2071	**0.025	0.3045	-0.1770
Trail Making Test - Letter sequencing	0.3799	0.5232	0.0362	0.3320	-0.5341	-0.0188	**0.0122	0.3666	0.0480	-0.1305	0.3045	-0.4440
Trail Making Test - Number-letter sequencing	0.3843	0.5232	0.1250	0.3660	-0.5341	-0.0506	0.0356	0.3666	0.1748	**0.0022	0.3045	-0.1877

Trail Making Test - Number-letter switching vs. visual scanning	-0.5261	0.5232	-0.7905	-0.4839	-0.5341	-0.9920	-0.4508	0.3666	-0.8874	** -0.0002	0.3045	-0.1704
Trail Making Test - Number-letter switching vs. number sequencing	0.6017	0.5232	-0.7539	0.7010	-0.5341	0.9824	0.4889	0.3666	-0.9357	-0.9761	0.3045	0.8428
Trail Making Test - Number-letter switching vs. letter sequencing	-0.4191	0.5232	-0.3928	-0.4366	-0.5341	0.4917	-0.1211	0.3666	-0.3606	-0.0836	0.3045	-0.5873
Trail Making Test - Number-letter switching vs. combined number sequencing and letter sequencing	-0.6059	0.5232	-0.3814	0.9077	-0.5341	0.8438	0.8134	0.3666	-0.7676	-0.3493	0.3045	-0.8888
Trail Making Test - Number-letter switching vs. motor speed	-0.3713	0.5232	-0.4740	-0.3544	-0.5341	0.5465	-0.2301	0.3666	-0.6155	-0.8415	0.3045	0.9763
Verbal Fluency - Letter fluency: total correct	0.3493	0.5232	0.1088	0.4214	-0.5341	-0.0986	0.0259	0.3666	0.1131	** -0.0105	0.3045	-0.2688
Verbal Fluency - Category fluency: total correct	0.8196	0.5232	0.7281	0.4927	-0.5341	-0.1084	0.3077	0.3666	0.5282	** -0.0028	0.3045	-0.1397
Verbal Fluency - Letter vs. category fluency	0.3639	0.5232	0.0787	0.3618	-0.5341	-0.5148	0.0585	0.3666	0.2289	-0.4099	0.3045	-0.6772

Design Fluency - Total correct: composite scaled score	0.4802	0.5232	0.0141	0.3241	-0.5341	-0.0318	0.0410	0.3666	0.0565	** -0.0188	0.3045	-0.3351
Color-Word Interference Test - Primary combined measure; completion times	0.7688	0.5579	0.0273	0.4377	-0.5795	-0.4022	0.1764	0.3822	0.0220	-0.2294	0.2528	-0.8992
Sorting Test - Combined correct sorts	0.4978	0.5232	0.5417	0.4449	-0.5341	-0.0360	-0.8010	0.3666	0.9520	-0.0364	0.3045	-0.0069
Sorting Test - Combined conditions 1 & 2	0.4581	0.5232	0.2763	0.5552	-0.5341	-0.1211	0.0359	0.3666	0.0984	-0.0607	0.3045	-0.4694
Twenty Questions Test - Total weighted achievement	0.7248	0.5687	0.1289	0.3421	-0.5776	-0.1028	0.1114	0.3603	0.1137	-0.0895	0.2713	-0.3380
Word Context Test - Total consecutively correct	0.3493	0.5232	0.1499	0.4179	-0.5341	-0.0586	0.0338	0.3666	0.2290	** -0.0028	0.3045	-0.1975
Word Context Test - Consistently correct ratio	0.2172	0.5232	0.0617	0.2748	-0.5341	-0.0753	**0.0106	0.3666	0.1642	-0.1305	0.3045	-0.3533
Tower Test - Total achievement	0.1410	0.5232	0.4550	0.2619	-0.5341	-0.1024	**0.0127	0.3666	0.3773	-0.0498	0.3045	-0.4506
Proverbs Test - Total achievement: free inquiry	0.5782	0.5687	0.2607	0.4740	-0.5776	-0.0376	0.0502	0.3603	0.2542	** -0.0012	0.2713	-0.0358
Executive Function Summary	0.3281	0.5232	0.0909	0.3920	-0.5341	-0.0269	**0.012	0.3666	0.0940	** -0.0031	0.3045	-0.2025
TVPS Visual discrimination	0.4678	0.5232	0.6869	-0.6270	-0.5341	-0.8922	0.1998	0.3666	0.6603	-0.2202	0.3045	-0.3109

Visual memory	0.2810	0.5232	0.5913	0.7718	-0.5341	-0.8700	0.5170	0.3666	0.9555	-0.0561	0.3045	-0.1523
Visual spatial-relationships	0.4496	0.5232	0.0443	0.2644	-0.5341	-0.0982	0.1114	0.3666	0.2615	-0.0418	0.3045	-0.2634
Visual form-constancy	0.4389	0.5232	0.7063	-0.4545	-0.5341	-0.8240	0.2128	0.3666	0.6617	-0.1127	0.3045	-0.1643
Visual sequential-memory	0.2793	0.5232	0.5334	0.5313	-0.5341	-0.6397	0.0271	0.3666	0.3713	-0.2325	0.3045	-0.3606
Visual figure-ground	0.2436	0.5232	0.5190	0.2428	-0.5341	-0.2830	0.0895	0.3666	0.4942	-0.1146	0.3045	-0.0940
Visual closure	0.3281	0.5232	0.3845	-0.2202	-0.5341	0.5610	0.0895	0.3666	0.5376	-0.5782	0.3045	-0.6660
Visual-Spatial Summary	0.2593	0.5232	0.2979	0.6643	-0.5341	-0.5539	0.0709	0.3666	0.4063	-0.0640	0.3045	-0.1128
ROCF												
Organization	0.2428	0.5232	0.6489	0.5673	-0.5341	-0.7147	0.0876	0.3666	0.5117	-0.4179	0.3045	-0.5784
Structural element	0.2687	0.5232	0.0645	0.3681	-0.5341	-0.0473	**0.0151	0.3666	0.1873	-0.0333	0.3045	-0.5232
Incidental element	0.3452	0.5232	0.1642	0.2636	-0.5341	-0.0166	**0.0124	0.3666	0.1456	-0.0731	0.3045	-0.6110
Organization	0.1888	0.5232	0.2358	0.2217	-0.5341	-0.1847	0.2910	0.3666	0.5941	-0.0635	0.3045	-0.0149
Structural element	0.3660	0.5232	0.0562	0.2653	-0.5341	-0.0218	0.0906	0.3666	0.3002	** -0.011	0.3045	-0.0110
Incidental element	0.5144	0.5232	0.3487	0.2644	-0.5341	-0.3491	0.4715	0.3666	0.5509	-0.0981	0.3045	-0.3837
Organization	0.2974	0.5232	0.2359	0.7293	-0.5341	-0.4681	0.1331	0.3666	0.3914	** -0.0131	0.3045	-0.1298
Structural element	0.3597	0.5232	0.1353	0.3998	-0.5341	-0.0796	0.1802	0.3666	0.3918	** -0.0054	0.3045	-0.0340
Incidental element	0.3555	0.5232	0.2180	0.3340	-0.5341	-0.2631	0.0582	0.3666	0.3322	-0.1510	0.3045	-0.5249