

Supplementary Material

TOMM40 '523 Genotype Distinguishes Patterns of Cognitive Improvement for Executive Function in APOE ε3 Homozygotes

Supplementary Table 1. Results of Multigroup Latent Growth Curve Models, unstandardized estimates

CLINICALLY STABLE n = 679	Overall Cognition B, p	Memory B, p	Attention B, p	Executive Function B, p	Language B, p
<i>Intercept</i>					
Age	-0.025, <0.001	-0.025, <0.001	-0.027, <0.001	-0.028, <0.001	-0.021, <0.001
Sex	0.105, 0.011	0.419, <0.001	-0.120, 0.027	-0.019, 0.139	0.136, 0.027
Education	0.042, <0.001	0.034, <0.001	0.027, 0.003	0.054, <0.001	0.053, <0.001
TOMM40 VL (Carrier/Non-Carrier)	-0.079, 0.074	-0.030, 0.629	-0.109, 0.060	-0.163, 0.006	-0.019, 0.768
<i>Slope</i>					
Age	-0.002, 0.007	-0.004, 0.001	-0.001, 0.338	-0.002, 0.118	-0.001, 0.327
Sex	-0.015, 0.036	-0.030, 0.007	0.009, 0.481	-0.019, 0.139	-0.018, 0.133
Education	0.000, 0.947	-0.003, 0.088	0.003, 0.166	0.001, 0.635	0.000, 0.813
TOMM40 VL (Carrier/Non-Carrier)	0.004, 0.639	-0.006, 0.647	0.011, 0.428	0.027, 0.044	-0.020, 0.132
CLINICALLY PROGRESSED n = 161	Overall Cognition B, p	Memory B, p	Attention B, p	Executive Function B, p	Language B, p
<i>Intercept</i>					
Age	-0.033, 0.001	-0.029, 0.022	-0.023, 0.086	-0.040, 0.011	-0.039, 0.003
Sex	0.030, 0.744	0.295, 0.011	-0.019, 0.873	-0.044, 0.757	-0.065, 0.588
Education	0.052, <0.001	0.065, 0.001	0.054, 0.006	0.034, 0.136	0.062, 0.002
TOMM40 VL (Carrier/Non-Carrier)	-0.098, 0.317	-0.147, 0.242	0.021, 0.873	-0.018, 0.904	-0.244, 0.060
<i>Slope</i>					
Age	-0.003, 0.099	-0.009, 0.003	0.001, 0.669	-0.002, 0.092	-0.002, 0.455
Sex	0.008, 0.630	-0.015, 0.601	-0.006, 0.824	-0.026, 0.353	0.025, 0.326
Education	0.002, 0.463	0.002, 0.731	-0.008, 0.045	0.011, 0.015	0.003, 0.481
TOMM40 VL (Carrier/Non-Carrier)	0.024, 0.150	-0.001, 0.964	0.035, 0.208	0.018, 0.551	0.038, 0.167
<i>Model Fit</i>					
χ^2 (df)	43.71 (44)	116.48 (44)	44.15 (44)	50.57 (44)	37.74 (44)
RMSEA	0.000	0.063	0.003	0.019	0.000
CFI	1.00	0.98	1.00	0.998	1.00