

Metabolic syndrome and cognitive deficits in the Greek cohort of Epirus Health Study, Neurological Sciences, Koutsonida M, Koskeridis F, Markozannes G, Kanellopoulou A, Mousas A, Ntotsikas E, Ioannidis P, Aretouli E and Tsilidis KK; Department of Epidemiology and Biostatistics, School of Public Health, Imperial College London, London, United Kingdom, k.tsilidis@imperial.ac.uk (KKT)

Online Resource 7. Associations between presence of metabolic syndrome (MetS) based on International Diabetes Federation (IDF) criteria and scores of paper-based neuropsychological tests (N=2,077).

Cognitive functions scores	MetS based on IDF criteria			
	Model 1 ^a		Model 2 ^b	
	Beta	95% CI	Beta	95% CI
Trail Making Test				
Part A	2.18*	0.85, 3.52	2.17*	0.82, 3.52
Part B	1.85	-0.29, 3.99	1.81	-0.35, 3.97
Verbal Fluency				
Semantic	-0.39	-1.08, 0.30	-0.21	-0.91, 0.49
Phonemic	-0.15	-0.57, 0.28	-0.06	-0.49, 0.37
Logical Memory				
Immediate recall	-0.58	-1.12, 0.04	-0.50	-1.04, 0.04
Delayed recall	-0.30*	-0.58, -0.02	-0.25	-0.53, 0.03

Abbreviation: CI, confidence interval.

* significant at p<0.05

^a Adjusted for age (continuous), sex, education (primary and secondary school, high school, higher education). ^b Adjusted for age (continuous), sex, education (primary and secondary school, high school, higher education), cardiovascular disease (absence or presence of stroke or ischemic heart disease or heart failure or other heart disease diagnosis), alcohol consumption (never, less than once/month, 1-3 times/month, 1-2 times/week, almost every day) and physical activity (continuous)