

Table S2. Association between eGFR subdivided into clinically relevant categories and cognitive function.

Domain Summary Score	eGFR	Model 1		Model 2		Model 3	
		Estimate (SE)	P-value	Estimate (SE)	P-value	Estimate (SE)	P-value
Global Cognitive Function	90+	-0.0340 (0.0571)	<0.0001	-0.0114 (0.0453)	0.0004	-0.0163 (0.045)	0.02
	75-90	Reference		Reference		Reference	
	60-74	-0.0272 (0.0534)		0.0269 (0.0416)		0.0299 (0.0417)	
	45-59	-0.2637 (0.0583)		-0.1204 (0.0460)		-0.0982 (0.0465)	
	<45	-0.3843 (0.0679)		-0.1728 (0.0538)		-0.1098 (0.0559)	
Executive Function	90+	-0.0580 (0.0570)	<0.0001	-0.0449 (0.0477)	<0.0001	-0.0537 (0.0479)	0.001
	75-90	Reference		Reference		Reference	
	60-74	0.0032 (0.0534)		0.0589 (0.0438)		0.0682 (0.0440)	
	45-59	-0.2963 (0.0582)		-0.1510 (0.0484)		-0.1202 (0.0490)	
	<45	-0.3712 (0.0679)		-0.1643 (0.0566)		-0.0909 (0.0590)	
Memory	90+	0.0380 (0.0572)	<0.0001	0.0521 (0.0498)	0.008	0.0515 (0.0494)	0.08
	75-90	Reference		Reference		Reference	
	60-74	-0.0395 (0.0535)		0.0167 (0.0457)		0.0129 (0.0454)	
	45-59	-0.2098 (0.0584)		-0.0813 (0.0505)		-0.0732 (0.0505)	
	<45	-0.3366 (0.0681)		-0.1526 (0.0590)		-0.1048 (0.0608)	
Attention/Concentration	90+	-0.1217 (0.0574)	<0.0001	-0.0823 (0.0503)	0.04	-0.0749 (0.0505)	0.3
	75-90	Reference		Reference		Reference	
	60-74	-0.0590 (0.0537)		-0.0365 (0.0461)		-0.0258 (0.0464)	
	45-59	-0.1866 (0.0586)		-0.1126 (0.0510)		-0.0837 (0.0517)	
	<45	-0.2893 (0.0683)		-0.1587 (0.0596)		-0.0903 (0.0622)	
Language	90+	-0.0488 (0.0575)	0.12	0.0188 (0.0508)	0.58	0.0141 (0.0512)	0.3
	75-90	Reference		Reference		Reference	
	60-74	0.0350 (0.0539)		0.0552 (0.0466)		0.0461 (0.0470)	
	45-59	-0.0210 (0.0588)		0.0490 (0.0515)		0.0430 (0.0524)	
	<45	-0.1428 (0.0685)		-0.0254 (0.0602)		-0.0114 (0.0630)	

Model 1: Univariate. Model 2: Model 1 plus age, race, education and study network. Model 3: Model 2 plus sex; diabetes history; BMI; CVD; use of ACE inhibitors or angiotensin receptor blockers; systolic blood pressure; diastolic blood pressure; total, HDL and LDL cholesterol; and log-transformed ACR. SE, standard error. P-values are for trend.