

Supplement 2.

Univariate regression analyses on associations between CKD parameters and neurocognitive functioning

Outcome variable	Predictors	Statistics		
		B (SE)	β	P
eFSIQ	Age at CKD diagnosis (years)	-.01 (.51)	-.002	-.991
	eGFR (ml/min/1.73 m ²)	-.18 (.17)	-.198	.313
	Duration severe CKD (% of life)	-.12	-.122	.536
	Dialysis duration (% of life)	-1.88 (.70)	-.464	.013
	Time since kidney transplantation (% of life)	-.27 (.18)	-.288	.138
Processing Speed & Working Memory	Age at CKD diagnosis (years)	-.05 (.02)	-.364	.057
	eGFR (ml/min/1.73 m ²)	.00 (.01)	.048	.810
	Duration severe CKD (% of life)	.01 (.01)	.135	.494
	Dialysis duration (% of life)	-.13 (.03)	-.653	<.001
	Time since kidney transplantation (% of life)	.00 (.01)	.022	.913
Verbal Fluency	Age at CKD diagnosis (years)	.01 (.03)	.039	.846
	eGFR (ml/min/1.73 m ²)	-.01 (.01)	-.209	.287
	Duration severe CKD (% of life)	.00 (.01)	.105	.595
	Dialysis duration (% of life)	.01 (.04)	.050	.800
	Time since kidney transplantation (% of life)	-.00 (.01)	-.058	.771
Verbal Memory	Age at CKD diagnosis (years)	.01 (.03)	.062	.755

	eGFR (ml/min/1.73 m ²)	-0.00 (.01)	-.079	.691
	Duration severe CKD (% of life)	-.02 (.01)	-.348	.069
	Dialysis duration (% of life)	-.07 (.04)	-.358	.061
	Time since kidney transplantation (% of life)	-.00 (.01)	-.037	.851
Processing Speed, Switch & Control	Age at CKD diagnosis (years)	.02 (.02)	.171	.385
	eGFR (ml/min/1.73 m ²)	.01 (.01)	.161	.412
	Duration severe CKD (% of life)	-.01 (.01)	-.220	.260
	Dialysis duration (% of life)	-.04 (.04)	-.217	.268
	Time since kidney transplantation (% of life)	-.00 (.01)	-.057	.773
Switching	Age at CKD diagnosis (years)	.02 (.02)	.191	.329
	eGFR (ml/min/1.73 m ²)	.01 (.01)	.198	.312
	Duration severe CKD (% of life)	-.01 (.01)	-.120	.544
	Dialysis duration (% of life)	-.03 (.04)	-.146	.459
	Time since kidney transplantation (% of life)	-.01 (.01)	-.163	.406

Note. Statistical values $p < .200$ are shown in bold and these predictors were selected for further multivariate regression analyses. Abbreviations: CKD = Chronic kidney disease; eFSIQ = Estimation of age-standardized full-scale Intelligence Quotient; eGFR = estimated glomerular filtration rate; SE = Standard Error.