Supplement 2.

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

Univariate regression analyses on associations between CKD parameters and neurocognitive functioning

eGFR (ml/min/1.73 m ²)	00 (.01)	079	.691
Duration severe CKD (% of	02 (.01)	348	.069
life)			
Dialysis duration (% of life)	07 (.04)	358	.061
Time since kidney	00 (.01)	037	.851
transplantation (% of life)			
Age at CKD diagnosis (years)	.02 (.02)	.171	.385
eGFR (ml/min/1.73 m ²)	.01 (.01)	.161	.412
Duration severe CKD (% of	01 (.01)	220	.260
life)			
Dialysis duration (% of life)	04 (.04)	217	.268
Time since kidney	00 (.01)	057	.773
transplantation (% of life)			
Age at CKD diagnosis (years)	.02 (.02)	.191	.329
eGFR (ml/min/1.73 m ²)	.01 (.01)	.198	.312
Duration severe CKD (% of	01 (.01)	120	.544
life)			
Dialysis duration (% of life)	03 (.04)	146	.459
Time since kidney	01 (.01)	163	.406
transplantation (% of life)			
	Duration severe CKD (% of life) Dialysis duration (% of life) Time since kidney transplantation (% of life) Age at CKD diagnosis (years) duration severe CKD (% of life) Dialysis duration (% of life) Time since kidney transplantation (% of life) Age at CKD diagnosis (years) eGFR (ml/min/1.73 m ²) Duration severe CKD (% of life) Duration severe CKD (% of	Duration severe CKD (% of02 (.01)life)07 (.04)Dialysis duration (% of life)00 (.01)Time since kidney00 (.01)transplantation (% of life).02 (.02)eGFR (ml/min/1.73 m²).01 (.01)Duration severe CKD (% of01 (.01)life).00 (.01)Time since kidney00 (.01)transplantation (% of life).00 (.01)Age at CKD diagnosis (years)0.02 (.02)fife).00 (.01)Uransplantation (% of life).01 (.01)Age at CKD diagnosis (years).02 (.02)eGFR (ml/min/1.73 m²).01 (.01)Duration severe CKD (% of.01 (.01)life).01 (.01)Dialysis duration (% of life).01 (.01)Dialysis duration (% of life).01 (.01)Life).01 (.01)life).01 (.01)life).03 (.04)Dialysis duration (% of life).03 (.04)Life).01 (.01)life).01 (.01)life).03 (.04)life).03 (.04)	Duration severe CKD (% of 02 (.01) 348 life) 07 (.04) 358 Dialysis duration (% of life) 00 (.01) 037 transplantation (% of life) 00 (.01) 037 transplantation (% of life) .00 (.01) 037 Age at CKD diagnosis (years) .02 (.02) .171 eGFR (ml/min/1.73 m ²) .01 (.01) .220 life) .01 (.01) .220 Dialysis duration (% of life) .04 (.04) 217 Time since kidney .00 (.01) .057 transplantation (% of life) .00 (.01) .057 ftansplantation (% of life) .02 (.02) .191 Age at CKD diagnosis (years) .02 (.02) .191 eGFR (ml/min/1.73 m ²) .01 (.01) .198 Duration severe CKD (% of .01 (.01) .120 life) .01 (.01) .120 Dialysis duration (% of life) .03 (.04) .146 Time since kidney .01 (.01) .163

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 glomular filtration rate; SE = Standard Error.