

Supplementary Table 1. Subgroup analysis

	n = 12	HTN (n=12)	DM2 (n = 8)	CKD stage 3 (n = 8)
eGFR versus pCS	r = -0.461, p = 0.250	r = -0.461, p = 0.250	r = -0.426, p = 0.475	r = -0.426, p = 0.475
eGFR versus IS	r = -0.301, p = 0.469	r = -0.301, p = 0.469	r = -0.240, p = 0.698	r = -0.240, p = 0.698
eGFR versus standardized RVPA score	r = -0.179, p = 0.579	r = -0.179, p = 0.579	r = -0.044, p = 0.918	r = 0.854, p = 0.007
eGFR versus standardized RVPPFA score	r = 0.466, p = 0.127	r = 0.466, p = 0.127	r = 0.438, p = 0.278	r = 0.641, p = 0.087
eGFR versus standardized DMSPCAD score	r = 0.394, p = 0.206	r = 0.394, p = 0.206	r = 0.533, p = 0.173	r = 0.767, p = 0.026
eGFR versus standardized DMSPCS score	r = -0.162, p = 0.615	r = -0.162, p = 0.615	r = 0.094, p = 0.825	r = 0.819, p = 0.013
eGFR versus standardized DMSPC0 score	r = -0.442, p = 0.150	r = -0.442, p = 0.150	r = -0.287, p = 0.491	r = 0.120, p = 0.777
eGFR versus standardized DMSPC4 score	r = 0.539, p = 0.071	r = 0.539, p = 0.071	r = 0.651, p = 0.080	r = 0.479, p = 0.230
eGFR versus standardized DMSPC12 score	r = 0.158, p = 0.625	r = 0.158, p = 0.625	r = 0.192, p = 0.649	r = 0.766, p = 0.027
eGFR versus standardized DMSPEGE score	r = 0.276, p = 0.385	r = 0.276, p = 0.385	r = 0.740, p = 0.036	r = 0.839, p = 0.009
eGFR versus standardized SWMBE468 score	r = 0.028, p = 0.932	r = 0.028, p = 0.932	r = 0.240, p = 0.567	r = 0.483, p = 0.226
eGFR versus standardized SWMS score	r = 0.695, p = 0.012	r = 0.695, p = 0.012	r = 0.682, p = 0.063	r = 0.854, p = 0.007

Abbreviations: eGFR, estimated glomerular filtration rate; T2DM, type 2 diabetes mellitus; HTN, hypertension; CKD, chronic kidney disease; pCS, p-cresyl sulfate; IS, indoxyl sulfate; RVPA, rapid visual information processing A'; RVPPFA, rapid visual information processing probability of false alarm; DMSPCAD, delayed matching to sample percent correct all delays; DMSPCS, delayed matching to sample percent correct simultaneous; DMSPC0, delayed matching to sample percent correct 0-s delay; DMSPC4, delayed matching to sample percent correct 4-s delay; DMSPC12, delayed matching to sample percent correct 12-s delay; DMSPEGE, delayed matching to sample probability of error given error; SWMBE468, spatial working memory between errors (4-, 6-, and 8-token stages); SWMS, spatial working memory strategy.

Because of the small sample size, the subgroup analyses were exploratory in nature, and their results should be interpreted with caution.