Table S2. Test scores stratified by CVD status and the results of linear regression analyses showing the relationship of CVD status with cognitive testing results, including individuals with stroke and with partial testing.

Cognitive Test/Component	N	Test Scores		Univariate		Parsimonious		Extended	
		No CVD	CVD	Beta	p-value	Beta	p-value	Beta	p-value
Executive Score*	248	0.28 ± 0.99	-0.40 ± 0.89	-0.67	<0.001	-0.35	0.003	-0.32	0.008
Memory Score**	248	0.11 ± 1.00	-0.15 ± 0.98	-0.26	0.05	0.07	0.6	0.09	0.5
Mini-Mental State Exam[a]	273	26.7 ± 2.9	26.5 ± 2.9	-0.2	0.6	0.5	0.2	0.5	0.2
Immediate Recall (Total)[b]	270	25.0 ± 7.5	22.6 ± 7.4	-2.4	0.009	1.2	0.1	1.0	0.3
Immediate Recall (Trial 1)[c]	270	3.9 ± 1.6	3.6 ± 1.7	-0.23	0.3	0.4	0.07	0.4	0.05
Short Delayed Recall[d]	270	5.2 ± 3.0	4.2 ± 3.0	-1.0	0.009	0.2	0.6	0.3	0.5
Delayed Recall[e]	269	4.6 ± 2.9	3.9 ± 2.7	-0.8	0.03	0.3	0.4	0.4	0.2
Recognition[f]	269	21.2 ± 2.8	20.1 ± 3.3	-1.0	0.005	-0.3	0.5	-0.3	0.5
Block Design[g]	266	28.7 ± 10.8	22.7 ± 9.3	-6.0	<0.001	-3.3	0.007	-3.3	0.009
Digit Symbol Coding*	250	45.0 ± 18.4	32.7 ± 12.3	-12.3	<0.001	-4.2	0.02	-2.8	0.1
Trails A[h]	254	53.5 ± 34.3	70.4 ± 39.6	16.9	<0.01	6.0	0.2	4.7	0.3
Trails B[i] Completion	254	123.4 ± 63.1	164.0 ± 61.9	57.0	<0.001	17.6	0.2	15.9	0.2
% Non-Completion		17.3	27.9						

Results are mean ± standard deviation. Individual test results represent number or percent correct except Trails A and B which are reported in seconds required to complete the task. Component scores by definition have a mean of 0 and standard deviation of 1 for the population. Negative coefficients indicate that CVD is associated with poorer performance on all tests except Trails A and B. Parsimonious models adjust for age, education, sex and race, while extended models additionally adjust for *cause of ESRD and BMI; **diabetes, BMI, diastolic blood pressure, Kt/V, phosphorus and vascular access; [a]cause of ESRD, BMI, Kt/V, and phosphorus; [b]diabetes, BMI, diastolic blood pressure, and Kt/V; [c]BMI, systolic blood pressure, PTH and Kt/V; [d]BMI, systolic blood pressure, Kt/V, and phosphorus; [e]BMI, diastolic blood pressure, Kt/V, phosphorus and vascular access; [f]diabetes, BMI, diastolic blood pressure, Kt/V, and vascular access; [g]BMI; [h]vintage and Kt/V; and [i]Cause of ESRD, BMI and Kt/V. Testing was performed in the following order: 1) Mini-Mental State Exam; 2) North American Adult Reading Test (not analyzed); 3) Word List A; 4) Word List B; 5) Word List A Short Delayed Recall; 6) Digit Symbol Coding; 7) Trails A; 8) Trails B; 9) Block Design; 10) Word List A Delayed Recall; 11) Word List A Recognition.