

Supplementary Table 3. Linear regression analysis for the mental component summary scores of diabetic nephropathy subjects (n = 390)

Variable	Univariable			Multivariable		
	B	95% CI	p-value	B	95% CI	p-value
Sex						
Male		Reference			Reference	
Female	-5.246	-9.971 to -0.521	0.03*	3.422	-3.717 to 10.562	0.35
Age	0.03	-0.198 to 0.258	0.8			
Weight	0.081	-0.099 to 0.262	0.38			
Height	0.298	0.038 to 0.558	0.03*	0.22	-0.141 to 0.582	0.23
Body mass index	-0.19	-0.816 to 0.437	0.55			
SBP	-0.067	-0.189 to 0.055	0.28			
DBP	-0.056	-0.255 to 0.143	0.58			
Smoking						
Never		Reference				
Current	-1.330	-7.476 to 4.817	0.67			
Former	0.457	-4.321 to 5.235	0.85			
No. of family members						
≤1		Reference				
2-3	2.906	-7.020 to 10.767	0.51			
>3	7.646	-0.643 to 15.934	0.07			
Work status						
Employed		Reference			Reference	
Unemployed	-6.077	-10.363 to -1.791	0.006	-2.203	-6.761 to 2.355	0.34
Marital status						
Married		Reference			Reference	
Unmarried	-8.552	-10.910 to 5.893	0.04*	-4.451	-12.838 to 3.936	0.3
Divorced or widowed	-3.889	-10.928 to 3.150	0.28	0.864	-6.203 to 7.931	0.81
Insurance						
Medical insurance		Reference			Reference	
Medical Aid (including refunds)	-12.492	-22.824 to -2.161	0.02*	-8.689	-19.267 to 1.889	0.11
Economic status (USD)						
Higher (>4,000/family/mo)		Reference			Reference	
Middle (1,330-4,000/family/mo)	-2.540	-12.240 to -0.359	0.4	-0.770	-6.718 to 5.178	0.8
Lower (<1,330/family/mo)	-11.777	-18.094 to -5.461	<0.001	-7.580	-14.341 to -0.819	0.03*
Coronary artery calcium score						
≤400		Reference				
>400	3.434	-1.181 to 8.050	0.14			
RWT						
≤0.42		Reference			Reference	
>0.42	-4.785	-9.215 to -0.356	0.03*	-3.131	-7.499 to 1.238	0.16
Creatinine	-1.937	-3.492 to -0.382	0.02*	0.266	-3.745 to 4.278	0.9
Cystatin C	-3.597	-5.762 to -1.431	0.001*	-0.454	-6.552 to 5.644	0.88
Hemoglobin	2.271	1.148 to 3.395	<0.001*	1.446	-0.118 to 3.01	0.07
Platelet count	-0.056	-0.089 to -0.024	0.001*	-0.045	-0.079 to -0.011	0.009
Albumin	6.118	1.771 to 10.465	0.006*	5.189	-1.73 to 12.108	0.14
Uric acid	-0.568	-1.740 to 0.604	0.34			
Calcium	3.827	0.645 to 7.009	0.02*	1.2	-3.031 to 5.431	0.58
Blood urea nitrogen	-0.140	-0.264 to -0.016	0.03*	0.022	-0.191 to 0.235	0.84
Phosphate	-4.653	-7.416 to -1.89	0.001	-2.675	-6.309 to 0.959	0.15
Alkaline phosphatase	-0.029	-0.060 to 0.002	0.06			
Total bilirubin	14.417	5.078 to 23.756	0.003*	-3.046	-14.657 to 8.564	0.61
Fasting glucose	-0.035	-0.071 to 0.002	0.06			

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Supplementary Table 3. Continued

Variable	Univariable			Multivariable		
	B	95% CI	p-value	B	95% CI	p-value
HbA1c	-1.955	-3.555 to -0.355	0.02*	-1.444	-3.171 to 0.282	0.1
25 Vitamin D3	0.246	-0.050 to 0.541	0.1			
Iron	0.121	0.060 to 0.215	0.002*	0.026	-0.057 to 0.108	0.54
TIBC	0.041	-0.001 to 0.083	0.06			
Hepcidin	-0.086	-0.190 to 0.019	0.11			
Adiponectin	-0.110	-0.300 to 0.081	0.26			
Klotho	-0.003	-0.014 to 0.008	0.58			
Urine protein/creatinine	-0.748	-1.459 to -0.036	0.04*	0.443	-0.647 to 1.532	0.43
Clopidogrel						
Yes		Reference			Reference	
No	12.444	4.600 to 20.289	0.02*	4.769	-2.76 to 12.298	0.21
Insulin						
Yes		Reference			Reference	
No	5.396	1.072 to 9.720	0.02*	1.224	-3.306 to 5.754	0.6

B, regression coefficient; CI, confidence interval; DBP, diastolic blood pressure; HbA1c, hemoglobin A1c; RWT, relative wall thickness; SBP, systolic blood pressure; TIBC, total iron binding capacity; USD, U.S. dollar.

*p < 0.05.