

**Supplementary Table 2.** Linear regression analysis for the physical 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	-11.889	-16.579 to -7.198	<0.001*	-3.336	-11.476 to 4.804	0.42
Age	-0.148	-0.380 to 0.085	0.21			
Weight	0.07	-0.115 to 0.255	0.46			
Height	0.53	0.268 to 0.792	<0.001*	0.11	-0.232 to 0.453	0.53
Body mass index	-0.69	-1.327 to -0.054	0.03*	-0.688	-1.308 to -0.068	0.03*
SBP	-0.046	-0.170 to 0.079	0.47			
DBP	-0.001	-0.204 to 0.203	>0.99			
Smoking						
Never		Reference			Reference	
Current	1.475	-4.758 to 7.708	0.64	-2.593	-9.831 to 4.645	0.48
Former	5.72	0.857 to 10.547	0.02*	-0.867	-6.919 to 5.185	0.78
No. of family members						
≤1		Reference				
2-3	1.873	-7.020 to 10.767	0.68			
>3	8.375	-0.057 to 16.807	0.05			
Work status						
Employed		Reference			Reference	
Unemployed	-10.713	-14.991 to -6.436	<0.001*	-5.470	-9.849 to -1.092	0.02*
Marital status						
Married		Reference				
Unmarried	-2.580	-10.910 to 5.893	0.56			
Divorced or widowed	-5.813	-13.032 to 1.407	0.11			
Insurance						
Medical insurance		Reference			Reference	
Medical Aid (including refunds)	-18.910	-29.352 to -8.449	<0.001*	-12.240	-22.240 to -2.176	0.02*
Economic status (USD)						
Higher (>4,000/family/mo)		Reference			Reference	
Middle (1,330-4,000/family/mo)	-6.300	-12.240 to -0.359	0.04	-1.170	-6.896 to 4.557	0.69
Lower (<1,330/family/mo)	-15.766	-22.151 to -9.38	<0.001*	-5.872	-12.426 to 0.683	0.08
Coronary artery calcium score						
≤400		Reference				
>400	1.352	-3.379 to 6.082	0.57			
RWT						
≤0.42		Reference				
>0.42	-5.032	-9.557 to -0.506	0.03*	-3.582	-7.873 to 0.708	0.1
Creatinine	-1.038	-2.637 to 0.562	0.2			
Cystatin C	-3.679	-5.892 to -1.465	0.001*	-0.278	-3.222 to 2.666	0.85
Hemoglobin	2.171	1.020 to 3.323	<0.001*	0.988	-0.593 to 2.57	0.22
Platelet count	-0.066	-0.099 to -0.033	<0.001*	-0.045	-0.078 to -0.012	0.008*
Albumin	3.621	-0.856 to 8.098	0.11			
Uric acid	0.02	-1.179 to 1.219	0.97			
Calcium	1.601	-1.674 to 4.876	0.34			
Blood urea nitrogen	-0.110	-0.237 to 0.017	0.09			
Phosphate	-4.102	-6.938 to -1.266	0.005*	-0.866	-4.143 to 2.411	0.6
Alkaline phosphatase	-0.040	-0.071 to -0.008	0.01*	-0.033	-0.065 to -0.002	0.04*
Total bilirubin	17.146	7.648 to 26.644	<0.001*	-1.253	-12.628 to 10.122	0.83
Fasting glucose	-0.040	-0.077 to -0.003	0.04*	-0.002	-0.046 to 0.041	0.92

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**Supplementary Table 2. Continued**

Variable	Univariable			Multivariable		
	B	95% CI	p-value	B	95% CI	p-value
HbA1c	-3.009	-4.626 to -1.392	<0.001*	-0.921	-2.967 to 1.125	0.38
25 Vitamin D3	0.282	-0.019 to 0.584	0.07			
Iron	0.137	0.060 to 0.215	0.001*	0.033	-0.048 to 0.113	0.42
TIBC	0.046	0.002 to 0.089	0.04*	0.021	-0.027 to 0.07	0.39
Hepcidin	-0.060	-0.167 to 0.047	0.27			
Adiponectin	-0.204	-0.398 to -0.011	0.04	-0.181	-0.385 to 0.023	0.08
Klotho	-0.005	-0.016 to 0.006	0.36			
Urine protein/creatinine	-0.736	-1.463 to -0.009	0.05*	0.018	-0.799 to 0.835	0.97
Clopidogrel						
Yes		Reference			Reference	
No	12.444	4.600 to 20.289	0.002*	9.383	2.127 to 16.639	0.01*
Insulin						
Yes		Reference			Reference	
No	8.007	3.633 to 12.382	<0.001*	3.508	-0.957 to 7.973	0.12

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.