

Supplementary Table 1. Linear regression analysis for the kidney disease 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	-4.995	-8.000 to -1.990	0.001*	4.06	-0.211 to 8.331	0.06
Age	-0.028	-0.175 to 0.118	0.7			
Weight	0.135	0.020 to 0.250	0.02*	-0.058	-0.194 to 0.077	0.4
Height	0.338	0.173 to 0.502	<0.001*	0.34	0.087 to 0.592	0.009*
Body mass index	-0.050	-0.452 to 0.352	0.81			
SBP	0.055	-0.023 to 0.133	0.17			
DBP	0.084	-0.043 to 0.212	0.19			
Smoking						
Never		Reference				
Current	-0.672	-4.616 to 3.271	0.74			
Former	0.638	-2.427 to 3.703	0.68			
No. of family members						
≤1		Reference			Reference	
2-3	3.171	-2.362 to 8.705	0.26	-1.743	-7.361 to 3.875	0.54
>3	7.881	2.635 to 13.127	0.003*	0.942	-4.501 to 6.385	0.73
Work status						
Employed		Reference			Reference	
Unemployed	-9.000	-11.606 to -6.394	<0.001*	-6.017	-8.696 to -3.338	<0.001*
Marital status						
Married		Reference			Reference	
Unmarried	-7.571	-12.746 to -2.397	0.004*	-4.817	-9.832 to 0.197	0.06
Divorced or widowed	-6.732	-11.179 to -2.286	0.003*	-2.540	-6.995 to 1.914	0.26
Insurance						
Medical insurance		Reference			Reference	
Medical Aid (including refunds)	-14.530	-21.028 to -8.032	<0.001*	-10.288	-16.513 to -4.063	0.001*
Economic status (USD)						
Higher (>4,000/family/mo)		Reference			Reference	
Middle (1,330-4,000/family/mo)	-1.870	-5.578 to 1.838	0.32	2.101	-1.369 to 5.571	0.23
Lower (<1,330/family/mo)	-9.351	-13.337 to -5.365	<0.001*	-0.714	-4.781 to 3.353	0.73
Coronary artery calcium score						
≤400		Reference				
>400	-0.596	-3.567 to 2.374	0.69			
RWT						
≤0.42		Reference				
>0.42	-2.551	-5.399 to 0.297	0.08			
Creatinine	-1.619	-2.610 to -0.628	0.001*	-0.018	-2.331 to 2.294	0.99
Cystatin C	-3.025	-4.399 to -1.652	<0.001*	-0.504	-4.021 to 3.013	0.78
Hemoglobin	1.68	0.965 to 2.395	<0.001*	0.824	-0.16 to 1.808	0.1
Platelet count	-0.022	-0.043 to -0.001	0.04*	-0.012	-0.031 to 0.008	0.25
Albumin	2.281	-0.529 to 5.092	0.11			
Uric acid	-0.350	-1.102 to 0.402	0.36			
Calcium	2.085	0.038 to 4.131	0.046*	0.272	-2.05 to 2.593	0.82
Blood urea nitrogen	-0.123	-0.201 to -0.044	0.002*	0.01	-0.112 to 0.131	0.88
Phosphate	-3.109	-4.880 to -1.339	0.001*	-1.373	-3.467 to 0.721	0.2
Alkaline phosphatase	-0.032	-0.051 to -0.012	0.002*	-0.023	-0.042 to -0.004	0.02*
Total bilirubin	11.603	5.659 to 17.547	<0.001*	3.254	-3.49 to 9.999	0.34
Fasting glucose	-0.026	-0.049 to -0.002	0.03*	-0.007	-0.032 to 0.019	0.62

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Supplementary Table 1. Continued

Variable	Univariable			Multivariable		
	B	95% CI	p-value	B	95% CI	p-value
HbA1C	-1.590	-2.611 to -0.568	0.002*	-0.867	-2.095 to 0.361	0.17
25 Vitamin D3	0.214	0.025 to 0.403	0.03*	-0.007	-0.187 to 0.173	0.94
Iron	0.066	0.017 to 0.115	0.008*	0.002	-0.048 to 0.051	0.95
TIBC	0.037	0.010 to 0.064	0.007*	0.002	-0.028 to 0.031	0.91
Hepcidin	-0.082	-0.149 to -0.015	0.02*	-0.014	-0.084 to 0.055	0.69
Adiponectin	-0.111	-0.233 to 0.011	0.07			
Klotho	-0.004	-0.011 to 0.003	0.28			
Urine protein/creatinine	-0.322	-0.776 to 0.132	0.16			
Clopidogrel						
Yes		Reference			Reference	
No	7.535	2.606 to 12.465	0.003*	4.856	0.465 to 9.246	0.03*
Insulin						
Yes		Reference			Reference	
No	4.03	1.264 to 6.795	0.004*	1.382	-1.308 to 4.073	0.31

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.