

Supplementary Table 1. Equations and examples of Korean Diabetes Risk Score

Variable	Men			Women		
	Coefficient	Example		Coefficient	Example	
		Individual A	Variable coefficient		Individual B	Variable coefficient
Age, yr	0.03429806	45	1.54341271	0.03267195	45	1.47023789
Family history of diabetes	0.40539468	No family history of diabetes	0	0.45270876	Family history of diabetes	0.45270876
Alcohol intake: low-medium	-0.08385316			NA		
Alcohol intake: high	0.05447258	High of alcohol intake	0.05447258	NA		
Former smoker	0.06879353			0.23742451	Non-smoker	0
Current smoker	0.39075797	Current smoker	0.39075797	0.27228951		
Physical activity: medium	-0.12335606	Low of physical activity	0	-0.06736686	Low of physical activity	0
Physical activity: high	-0.13733219			-0.02239017		
Antihypertensive therapy	0.32880315	Taking a ACE inhibitor	0.32880315	0.38249871		0
Statin therapy	0.26482252		0	0.31324724		0
BMI <18.5 kg/m ²	0.07343423			0.01107232	22.0	0
BMI 23.0–24.9 kg/m ²	0.33567685			0.32325289		
BMI 25.0–29.9 kg/m ²	0.65489924	26.1	0.65489924	0.64505894		
BMI ≥30.0 kg/m ²	1.25414597			1.06455937		
SBP <100 mm Hg	-0.12135365			-0.17698000	110	0
SBP 120–139 mm Hg	0.15236789			0.18910012		
SBP 140–159 mm Hg	0.25680655	150	0.25680655	0.29230610		
SBP ≥160 mm Hg	0.34104001			0.36250700		
TC ≥240 mg/dL	0.17977916	230	0	0.10497807	200	0
FSG <70 mg/dL	-0.06092024			-0.02473416		
FSG 85–99 mg/dL	0.21862977	90	0.21862977	0.22737061		
FSG 100–109 mg/dL	0.69352537			0.78101158		
FSG ≥110 mg/dL	1.29451275			1.34396826	120	1.34396826
Log GGT, per unit	NA			0.48718396	13	1.24960219
Mean PI	1.755900	3.447782		3.079393	4.516517	
Baseline survival	0.966054			0.974148		
10-Year risk of diabetes event	= 1–Baseline survival ^{exp (PI–meanPI)} = 1–0.966054 ^{exp (PI–1.755900)}			= 1–Baseline survival ^{exp (PI–meanPI)} = 1–0.974148 ^{exp (PI–3.079393)}		
Individual's 10-year risk of a diabetes event	= 1–0.966054 ^{exp (3.447782–1.755900)} = 0.170985 = 17.1%			= 1–0.974148 ^{exp (4.516517–3.079393)} = 0.104373 = 10.4%		

NA, not applicable; BMI, body mass index; SBP, systolic blood pressure; TC, total cholesterol; FSG, fasting serum glucose; GGT, γ glutamyl transferase; PI, prognostic index.