

Characteristics of participants with discordant classification (FINDRISC vs. ModAsian FINDRISC).

Discordant = participants classified into different risk categories by FINDRISC and ModAsian FINDRISC;

Other = all remaining participants classified into the same category by both tools.

Table S1. Characteristics of participants with discordant classification (different FINDRISC vs ModAsian FINDRISC)

Variable	Other (n = 281) Mean ± SD / n (%)	Discordant (n = 149) Mean ± SD / n (%)	p-value
Age (years)	42.84±10.82	43.80±11.54	0.390
BMI (kg/m²)	26.15±5.11	25.53±2.41	0.160
Waist circumference (cm)	92.34±12.71	91.74±8.18	0.610
Gender			
Female	154(54.8)	53(35.57)	<0.001
Male	127(45.2)	96(64.43)	
Adequate physically active			
Yes	117(41.63)	60(40.26)	0.830
No	164(58.36)	98(65.77)	
Marital status			
Single	32(11.38)	10(6.71)	0.340
Married	224(79.71)	121(81.21)	
Widowed/Divorced	20(7.11)	12(8.05)	
Education status			
≤12 years	79(28.11)	34(22.81)	0.410
12-16 years	146(51.95)	85(57.04)	
≥18 years	54(19.21)	25(16.77)	
Occupation			
Employed	83(29.53)	40(26.84)	0.650
Unemployed	196(69.75)	106(71.14)	
Socioeconomic Status			
Low	40(14.23)	13(8.72)	0.170
Middle	125(44.48)	77(51.67)	
High	102(36.29)	54(36.24)	
Fruit and vegetable intake			
Yes	202(71.88)	113(75.83)	0.430
No	79(28.11)	36(24.16)	
Antihypertension drug Intake			

Yes	39(13.87)	27(18.12)	0.260
No	242(89.12)	122(81.87)	
Personal history of high blood glucose			
Yes	52(18.51)	25(16.77)	0.690
No	229(81.49)	124(83.22)	
Family history of DM, First degree			
Yes	85(30.24)	56(37.58)	0.132
No	196(69.75)	93(62.41)	
Family history of DM, Second degree			
Yes	60(21.35)	39(26.17)	0.270
No	221(78.64)	110(73.82)	
Current smoking			
Yes	43(15.30)	26(17.44)	0.580
No	238(84.69)	123(82.55)	

Logistic regression analysis for predicting discordant classification (FINDRISC vs. ModAsian FINDRISC). Outcome = 1 if a participant's FINDRISC and ModAsian FINDRISC risk categories differed (discordant), 0 if they matched. Because several predictors are themselves components of the risk scores, associations below should be interpreted as correlates of score discordance rather than independent causal determinants.

Table S2. Logistic regression analysis predicting discordant classification between FINDRISC and ModAsian FINDRISC

Variable	Univariable			Multiple		
	OR	95% CI	p-value	OR	95% CI	p-value
Age (years)	1.01	0.99-1.02	0.390			
BMI (kg/m ²)	0.96	0.92-1.02	0.160	0.96	0.92-1.01	0.143
Waist circumference (cm)	0.99	0.97-1.01	0.610			
Gender						
Female	ref			ref		
Male	2.19	1.45-3.31	<0.001	2.20	1.43-3.37	<0.001
Adequate physically active						
Yes	0.94	0.63-1.41	0.780			
No	ref					
Marital status						
Single	0.51	0.19-1.42	0.210			

Married	0.90	0.42-1.90	0.780			
Widowed/Divorced	ref					
Education status						
≤12 years	0.93	0.49-1.73	0.810			
12-16 years	1.26	0.73-2.16	0.410			
≥18 years	ref					
Occupation						
Employed	1.07	0.69-1.65	0.764			
Unemployed	ref					
Socioeconomic Status						
Low	0.61	0.31-1.24	0.170	0.49	0.24-1.03	0.060
Middle	1.16	0.75-1.79	0.490	1.11	0.71-1.74	0.652
High	ref			ref		
Fruit and vegetable intake						
Yes	1.22	0.77-1.93	0.370			
No	ref					
Antihypertension drug Intake						
Yes	1.37	0.81-2.34	0.240			
No	ref					
Personal history of high blood glucose						
Yes	1.12	0.66-1.90	0.650			
No	ref					
Family history of DM, First degree						
Yes	1.38	0.91-2.10	0.120	1.49	0.96-2.31	0.076
No	ref			ref		
Family history of DM, Second degree						
Yes	1.31	0.82-2.07	0.250			
No	ref					
Current smoking						
Yes	1.17	0.68-1.99	0.560			
No	ref					