

Supplementary Table 1.

Area under curve for BMI, WHtR, BRI, ABSI and CI to detect cardiometabolic risk (without waist circumference) by sex.

	BMI		WHtR		BRI		ABSI		C-Index	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
Area under curve	0.55	0.52	0.54	0.53	0.54	0.53	0.50	0.52	0.55	0.52
P-value	0.08	0.29	0.21	0.09	0.21	0.09	0.96	0.36	0.09	0.25
Optimal cut-off	25.7	30.3	0.57	0.59	4.77	5.26	0.083	0.08	21.2	20.1
Youden index J	0.13	0.05	0.09	0.08	0.10	0.08	0.10	0.05	0.09	0.07
Sensitivity (%)	0.00	34.56	57.29	63.13	57.29	63.13	60.42	26.73	19.79	28.57
Specificity (%)	100.0	71.32	52.60	45.05	52.80	44.98	49.80	78.60	90.20	78.72
(+) Likelihood ratio	1.28	1.19	1.17	1.14	1.21	1.15	1.16	1.19	1.41	1.34
(-) Likelihood ratio	0.74	0.92	0.86	0.82	0.81	0.82	0.84	0.94	0.89	0.91

BMI: Body Mass Index; WHtR: Waist-to-Height Ratio; BRI: Body Roundness Index; ABSI: A Body Shape Index; C-Index: Conicity Index.