

Supplementary Data

Association between body roundness index and metabolic risk factors for cardiovascular disease among active-duty military personnel in Thailand

Supplementary Table 1. Sensitivity analysis for unmeasured confounding using E-value for prevalence ratio

Metabolic risk factors for CVD	Body roundness index			
	Quartile 1	Quartile 2	Quartile 3	Quartile 4
High systolic BP				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.20 (1.14–1.26)	1.32 (1.26–1.39)	1.66 (1.57–1.75)
E-value for PR				
Point estimate		1.69	1.97	2.71
CI		1.54	1.83	2.52
High diastolic BP				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.28 (1.21–1.36)	1.45 (1.36–1.53)	1.60 (1.50–1.71)
E-value for PR				
Point estimate		1.88	2.26	2.58
CI		1.71	2.06	2.34
High BP				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.18 (1.13–1.22)	1.28 (1.23–1.33)	1.38 (1.32–1.44)
E-value for PR				
Point estimate		1.64	1.88	2.10
CI		1.51	1.76	1.97
Hyperglycemia				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.12 (1.00–1.26)	1.31 (1.17–1.47)	1.67 (1.47–1.90)
E-value for PR				
Point estimate		1.49	1.95	2.73
CI		1	1.62	2.30
High total cholesterol				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.21 (1.15–1.27)	1.33 (1.26–1.40)	1.25 (1.17–1.33)
E-value for PR				
Point estimate		1.71	1.99	1.81
CI		1.57	1.83	1.62
Hypertriglyceridemia				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.27 (1.22–1.33)	1.50 (1.44–1.57)	1.59 (1.51–1.67)
E-value for PR				
Point estimate		1.86	2.37	2.56
CI		1.74	2.24	2.39
Hyperuricemia				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.11 (1.07–1.16)	1.24 (1.19–1.30)	1.26 (1.20–1.32)
E-value for PR				
Point estimate		1.46	1.79	1.83
CI		1.34	1.67	1.69
Composite of metabolic risk factors for CVD				
Primary analysis				
Adjusted PR (95% CI)*	Ref.	1.09 (1.07–1.11)	1.17 (1.14–1.19)	1.18 (1.15–1.21)
E-value for PR				
Point estimate		1.4	1.62	1.64
CI		1.34	1.54	1.57

*Adjusted for age, sex, geographical region, health insurance scheme, alcohol intake, smoking status, exercise, and body mass index. PR: prevalence ratio, CI: confidence interval, CVD: cardiovascular disease, BP: blood pressure, BRI: body roundness index, RTA; Royal Thai Army