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Supplementary Table 2. Association between TMA/Wt and increased IR according to BMI categorization in premenopausal and postmenopausal women

Subgroup	No. of participants	No. of cases (%)	OR (95% CI)		
			Model 1	Model 2	Model 3
Premenopausal women					
BMI <25 kg/m^2					
Upper tertile	209	25 (12.0)	1.00	1.00	1.00
Middle tertile	210	40 (19.1)	1.72 (1.00–2.95)	1.70 (0.97–2.96)	1.15 (0.64–2.09)
Lower tertile	209	46 (22.0)	2.04 (1.20–3.48)	1.94 (1.11–3.37)	1.15 (0.64–2.10)
Per 10 cm^2/kg lower	628	111 (17.7)	1.09 (1.02–1.15)	1.08 (1.02–1.15)	1.01 (0.95–1.08)
BMI ≥25 kg/m^2					
Upper tertile	53	33 (62.3)	1.00	1.00	1.00
Middle tertile	54	25 (46.3)	0.50 (0.23–1.09)	0.47 (0.20–1.12)	0.41 (0.15–1.07)
Lower tertile	53	28 (52.8)	0.56 (0.25–1.26)	0.49 (0.21–1.09)	0.45 (0.16–1.23)
Per 10 cm^2/kg lower	160	86 (53.8)	0.96 (0.86–1.04)	0.94 (0.85–1.05)	0.94 (0.83–1.07)
Postmenopausal women					
BMI <25 kg/m^2					
Upper tertile	349	53 (15.2)	1.00	1.00	1.00
Middle tertile	349	50 (14.3)	0.92 (0.60–1.40)	0.90 (0.58–1.39)	0.66 (0.42–1.04)
Lower tertile	349	69 (19.8)	1.34 (0.91–1.99)	1.26 (0.84–1.91)	0.78 (0.50–1.22)
Per 10 cm^2/kg lower	1,047	172 (16.4)	1.01 (0.97–1.05)	1.01 (0.97–1.06)	0.96 (0.91–1.01)
BMI ≥25 kg/m^2					
Upper tertile	143	60 (42.0)	1.00	1.00	1.00
Middle tertile	143	74 (51.8)	1.48 (0.93–2.36)	1.53 (0.94–2.50)	1.24 (0.72–2.13)
Lower tertile	143	63 (44.1)	1.07 (0.67–1.72)	1.11 (0.68–1.82)	0.64 (0.37–1.14)
Per 10 cm^2/kg lower	429	197 (45.9)	1.04 (0.98–1.09)	1.02 (0.78–1.08)	0.96 (0.90–1.02)

Model 1, adjusted for age; Model 2, adjusted for variables in Model 1 plus systolic blood pressure, triglyceride level, smoking, alcohol intake, regular exercise, and sleep duration; Model 3, adjusted for variables in Model 2 plus visceral fat.

TMA, thigh muscle area; Wt, weight; IR, insulin resistance; BMI, body mass index; OR, odds ratio; CI, confidence interval.