

SUPPLEMENTARY DATA

Supplementary Table 1. Hazard ratios for mortality associated with various measures of adiposity, fasting glucose and fasting insulin, adjusted for gender and smoking, over an average follow-up duration of 16.9 years.

Models	VF	SAF	BMI	Waist	Glucose	Insulin
ALL CAUSE MORTALITY (107 deaths)						
Model 1	1.39 (1.11, 1.75)					
Model 2		1.07 (0.82, 1.39)				
Model 3			1.33 (1.02, 1.71)			
Model 4				1.24 (0.95, 1.62)		
Model 5	1.47 (1.14, 1.89)	0.87 (0.63, 1.20)				
Model 6	1.34 (0.99, 1.82)		1.07 (0.75, 1.51)			
Model 7	1.41 (1.04, 1.92)			0.96 (0.68, 1.36)		
Model 8					1.20 (1.13, 1.28)	
Model 9						1.13 (0.97, 1.31)
Model 10	1.23 (0.96, 1.56)				1.18 (1.11, 1.26)	
Model 11	1.24 (0.95, 1.63)					1.06 (0.89, 1.27)
Model 12	1.18 (0.89, 1.57)				1.11 (1.04, 1.18)	0.98 (0.82, 1.18)
OBESITY-RELATED MORTALITY (68 deaths)						
Model 1	1.39 (1.04, 1.85)					
Model 2		1.13 (0.83, 1.54)				
Model 3			1.46 (1.06, 2.01)			
Model 4				1.44 (1.04, 2.00)		
Model 5	1.41 (1.03, 1.93)	0.96 (0.66, 1.40)				
Model 6	1.21 (0.83, 1.76)		1.27 (0.84, 1.94)			

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Model 7	1.25 (0.86, 1.84)			1.22 (0.79, 1.88)		
Model 8					1.24 (1.15, 1.33)	
Model 9						1.24 (1.04, 1.48)
Model 10	1.18 (0.88, 1.60)				1.22 (1.13, 1.32)	
Model 11	1.20 (0.86, 1.67)					1.19 (0.98, 1.45)
Model 12	1.10 (0.77, 1.56)				1.15 (1.07, 1.23)	1.07 (0.87, 1.33)
CVD MORTALITY (46 deaths)						
Model 1	1.48 (1.06, 2.06)					
Model 2		1.15 (0.79, 1.68)				
Model 3			1.54 (1.05, 2.27)			
Model 4				1.68 (1.14, 2.46)		
Model 5	1.51 (1.05, 2.17)	0.95 (0.59, 1.52)				
Model 6	1.30 (0.84, 2.00)		1.28 (0.76, 2.14)			
Model 7	1.22 (0.79, 1.91)			1.44 (0.86, 2.40)		
Model 8					1.26 (1.16, 1.36)	
Model 9						1.20 (0.96, 1.50)
Model 10	1.25 (0.88, 1.78)				1.24 (1.14, 1.35)	
Model 11	1.28 (0.86, 1.89)					1.13 (0.87, 1.45)
Model 12	1.17 (0.77, 1.77)				1.17 (1.08, 1.27)	0.99 (0.75, 1.30)

Data are hazard ratios (95% CI) per increase equivalent to the magnitude of the interquartile range in visceral fat (VF), subcutaneous abdominal fat (SAF), BMI, waist circumference, fasting glucose or fasting insulin for mortality prior to age 82 years. All models used age at study enrollment as the time axis and are adjusted for sex and smoking.