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Table 1. Hazard ratios and 95% confidence intervals for death by maternal BMI category

Sample	No (%) of deaths	Hazard ratio (95% CI)		
		Unadjusted	Adjusted*	Adjusted†
Complete sample (n=18 873)				
Mother underweight	90 (12.8)	1.15 (0.93, 1.42)	1.14 (0.92, 1.41)	1.12 (0.91, 1.39)
Mother normal weight	1513 (10.5)	1.00	1.00	1.00
Mother overweight	348 (10.7)	1.10 (0.98, 1.24)	1.09 (0.97, 1.23)	1.12 (0.99, 1.25)
Mother obese	53 (11.7)	1.38 (1.05, 1.81)	1.35 (1.02, 1.77)	1.43 (1.09, 1.88)
Subgroup with BMI measured <20 weeks (n=13 956)				
Mother underweight	87 (13.0)	1.20 (0.96, 1.49)	1.18 (0.95, 1.47)	1.16 (0.93, 1.44)
Mother normal weight	1152 (10.4)	1.00	1.00	1.00
Mother overweight	235 (11.9)	1.22 (1.06, 1.41)	1.20 (1.04, 1.38)	1.23 (1.07, 1.41)
Mother obese	33 (12.4)	1.43 (1.01, 2.02)	1.37 (0.97, 1.94)	1.46 (1.03, 2.07)

*Adjusted for husband/partner's social class, smoking status, gestational age, pre-eclampsia and low birth weight.

†Adjusted for husband/partner's social class, smoking status, gestational age, pre-eclampsia, low birth weight and parity

Table 2. Hazard ratios and 95% confidence intervals for cardiovascular events according to maternal BMI category among all women

Endpoint	No (%) of events	Hazard ratio (95% CI)		
		Unadjusted	Adjusted*	Adjusted†
All cardiovascular events combined				
Mother underweight	120 (17.0)	0.96 (0.80, 1.15)	0.96 (0.80, 1.16)	0.96 (0.79, 1.15)
Mother normal weight	2430 (16.8)	1.00	1.00	1.00
Mother overweight	588 (18.0)	1.18 (1.08, 1.29)	1.16 (1.06, 1.27)	1.17 (1.07, 1.29)
Mother obese	82 (18.1)	1.37 (1.10, 1.70)	1.26 (1.01, 1.57)	1.30 (1.04, 1.62)
MACE (Death, MI, Stroke, PAD)				
Mother underweight	121 (17.3)	1.22 (1.02, 1.47)	1.24 (1.03, 1.49)	1.21 (1.01, 1.45)
Mother normal weight	1928 (13.3)	1.00	1.00	1.00
Mother overweight	443 (13.6)	1.10 (1.00, 1.22)	1.09 (0.98, 1.21)	1.11 (0.99, 1.23)
Mother obese	67 (14.8)	1.38 (1.08, 1.77)	1.32 (1.03, 1.68)	1.40 (1.09, 1.79)
Angina				
Mother underweight	14 (2.0)	0.75 (0.44, 1.28)	0.75 (0.44, 1.29)	0.75 (0.44, 1.29)
Mother normal weight	358 (2.5)	1.00	1.00	1.00
Mother overweight	69 (2.1)	0.94 (0.72, 1.21)	0.91 (0.70, 1.19)	0.93 (0.72, 1.21)
Mother obese	16 (3.5)	1.83 (1.11, 3.02)	1.70 (1.03, 2.82)	1.85 (1.11, 3.06)
Myocardial Infarction				
Mother underweight	21 (3.0)	1.22 (0.79, 1.90)	1.25 (0.80, 1.95)	1.24 (0.79, 1.92)
Mother normal weight	329 (2.3)	1.00	1.00	1.00
Mother overweight	83 (2.6)	1.23 (0.97, 1.56)	1.19 (0.93, 1.52)	1.21 (0.95, 1.55)
Mother obese	12 (2.7)	1.51 (0.85, 2.69)	1.37 (0.77, 2.45)	1.45 (0.81, 2.59)
Stroke				
Mother underweight	10 (1.4)	0.88 (0.47, 1.66)	0.87 (0.46, 1.65)	0.85 (0.45, 1.61)
Mother normal weight	217 (1.5)	1.00	1.00	1.00
Mother overweight	47 (1.4)	1.06 (0.77, 1.45)	1.04 (0.76, 1.44)	1.06 (0.77, 1.46)
Mother obese	6 (1.3)	1.15 (0.51, 2.59)	1.08 (0.48, 2.45)	1.10 (0.48, 2.50)
Other cerebrovascular disease				
Mother underweight	14 (2.0)	1.15 (0.67, 1.97)	1.16 (0.68, 2.00)	1.15 (0.67, 1.98)
Mother normal weight	233 (1.6)	1.00	1.00	1.00
Mother overweight	59 (1.8)	1.23 (0.93, 1.64)	1.19 (0.89, 1.60)	1.22 (0.91, 1.63)
Mother obese	6 (1.3)	1.06 (0.47, 2.37)	0.94 (0.42, 2.13)	1.01 (0.44, 2.28)
Peripheral arterial disease				
Mother underweight	16 (2.3)	1.31 (0.79, 2.17)	1.27 (0.77, 2.12)	1.25 (0.75, 2.07)
Mother normal weight	234 (1.6)	1.00	1.00	1.00
Mother overweight	70 (2.2)	1.46 (1.12, 1.91)	1.44 (1.10, 1.89)	1.47 (1.12, 1.93)
Mother obese	14 (3.1)	2.49 (1.45, 4.28)	2.28 (1.32, 3.93)	2.44 (1.41, 4.23)
Other cardiovascular disease				
Mother underweight	101 (14.4)	0.91 (0.74, 1.11)	0.90 (0.74, 1.11)	0.90 (0.74, 1.11)
Mother normal weight	2135 (14.8)	1.00	1.00	1.00
Mother overweight	533 (16.4)	1.22 (1.11, 1.34)	1.21 (1.10, 1.33)	1.22 (1.10, 1.34)
Mother obese	77 (17.0)	1.47 (1.17, 1.85)	1.37 (1.09, 1.72)	1.41 (1.11, 1.77)

*Adjusted for husband/partner's social class, smoking status, gestational age, pre-eclampsia and low birth weight.

†Adjusted for husband/partner's social class, smoking status, gestational age, pre-eclampsia, low birth weight and parity

MACE= Major adverse cardiac event defined by Death, Myocardial Infarction, Stroke or Peripheral arterial disease

