

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Boggs DA, Rosenberg L, Cozier YC, et al. General and abdominal obesity and risk of death among black women. *N Engl J Med* 2011;365:901-8.

Table 1. Body-mass index and waist circumference in relation to all-cause mortality, according to smoking status, in the Black Women's Health Study, 1995-2008.

	Body-mass index (kg/m ²)								
	15.0-18.4	18.5-19.9	20.0-22.4	22.5-24.9	25.0-27.4	27.5-29.9	30.0-34.9	35.0-39.9	40.0-49.9
Never smokers									
No. of deaths	12	23	70	110	140	112	147	82	74
Person-years	6,938	17,504	64,051	83,914	79,639	49,608	65,913	30,991	20,507
HR (95% CI) ¹	1.89 (1.03-3.44)	1.36 (0.87-2.14)	1.02 (0.76-1.39)	1.00 (Ref.)	1.12 (0.87-1.44)	1.31 (1.01-1.72)	1.27 (0.99-1.64)	1.51 (1.13-2.02)	2.19 (1.62-2.95)
Former smokers									
No. of deaths	4	12	40	60	83	70	90	53	44
Person-years	928	2,682	12,480	22,468	26,601	18,110	25,084	11,792	7,564
HR (95% CI) ¹	1.86 (0.67-5.21)	2.29 (1.22-4.31)	1.41 (0.94-2.12)	1.00 (Ref.)	1.06 (0.76-1.48)	1.15 (0.81-1.63)	1.04 (0.75-1.45)	1.43 (0.98-2.09)	2.04 (1.37-3.04)
Current smokers									
No. of deaths	13	26	63	121	97	63	96	32	36
Person-years	1,797	3,985	13,570	20,622	22,632	15,008	18,674	7,843	4,526
HR (95% CI) ¹	1.51 (0.85-2.71)	1.06 (0.68-1.65)	0.90 (0.66-1.23)	1.00 (Ref.)	0.68 (0.52-0.89)	0.67 (0.49-0.91)	0.85 (0.65-1.12)	0.73 (0.49-1.08)	1.48 (1.01-2.15)
Waist circumference (inches)									
	22-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-47
Never smokers									
No. of deaths	41	53	76	79	91	91	74	52	79
Person-years	29,651	49,550	60,765	50,370	50,647	40,354	29,309	23,661	25,938
HR (95% CI) ¹	1.32 (0.88-1.98)	1.00 (Ref.)	1.05 (0.74-1.49)	1.14 (0.80-1.61)	1.20 (0.85-1.69)	1.38 (0.98-1.94)	1.56 (1.09-2.23)	1.32 (0.90-1.95)	1.75 (1.17-2.61)
HR (95% CI) ²	1.28 (0.84-1.94)	1.00 (Ref.)	1.05 (0.74-1.51)	1.12 (0.77-1.62)	1.15 (0.79-1.67)	1.29 (0.88-1.90)	1.41 (0.94-2.13)	1.15 (0.73-1.79)	1.40 (0.90-2.19)
Former smokers									
No. of deaths	14	22	34	51	56	53	52	43	54
Person-years	5,172	10,556	14,261	15,942	16,850	14,268	10,859	9,343	11,466
HR (95% CI) ¹	1.37 (0.70-2.69)	1.00 (Ref.)	1.10 (0.64-1.88)	1.27 (0.77-2.10)	1.14 (0.69-1.88)	1.29 (0.78-2.14)	1.66 (0.99-2.75)	1.52 (0.90-2.56)	1.63 (0.98-2.69)
HR (95% CI) ²	1.12 (0.56-2.24)	1.00 (Ref.)	1.21 (0.70-2.08)	1.58 (0.94-2.67)	1.50 (0.88-2.57)	1.74 (1.00-3.04)	2.27 (1.28-4.01)	2.04 (1.13-3.70)	2.08 (1.13-3.81)
Current smokers									
No. of deaths	33	57	57	46	65	63	48	39	52
Person-years	6,211	9,711	13,299	13,287	14,699	12,784	9,311	7,439	7,340
HR (95% CI) ¹	0.84 (0.54-1.30)	1.00 (Ref.)	0.68 (0.47-0.99)	0.54 (0.36-0.80)	0.64 (0.45-0.92)	0.71 (0.49-1.01)	0.77 (0.52-1.13)	0.72 (0.48-1.09)	1.00 (0.68-1.47)
HR (95% CI) ²	0.79 (0.51-1.24)	1.00 (Ref.)	0.71 (0.49-1.03)	0.60 (0.40-0.90)	0.77 (0.52-1.14)	0.89 (0.59-1.33)	1.00 (0.64-1.56)	0.94 (0.58-1.53)	1.24 (0.76-2.03)

¹ Adjusted for age, follow-up cycle, education, marital status, vigorous physical activity, alcohol intake, and pack-years of smoking (former and current smokers only).

² Adjusted for age, follow-up cycle, education, marital status, vigorous physical activity, alcohol intake, pack-years of smoking (former and current smokers only), and BMI.