Study	smaller waist line n/N	larger waist line n/N	RR (95%CI Random)	Weight %	RR (95%CI Random)
01 cohort data (adjusted)					
Folsom 2000	188/5907	320/5907		45.6	0.59(0.49,0.70)
Huang 1999	121/6241	146/5600		32.7	0.74(0.59,0.94)
Kaaks 1998	6/531	27/1198		3.7	0.50(0.21,1.21)
Morimoto 2002	44/6509	88/6509		18.1	0.50(0.35,0.72)
Subtotal (95%CI)	359/19188	581/19214		100.0	0.61(0.52,0.73)
Test for heterogeneity chi-square = 4.18, df = 3, p = 0.24					
Test for overall effect z = -5.58, p<0.00001					
02 case control data (adjusted)					
Muti 2000	25/114	22/110		100.0	1.10(0.66,1.83)
Subtotal (95%CI)	25/114	22/110		100.0	1.10(0.66,1.83)
Test for heterogeneity chi-square = 0.0, df = 0					
Test for overall effect z = 0.35, p = 0.7					
03 cohort data (unadjusted)					
Folsom 2000	188/5907	326/5907		40.8	0.58(0.48,0.69)
Huang 1999	121/6241	154/5600		32.9	0.71(0.56,0.89)
Kaaks 1998	6/531	34/1198		5.1	0.40(0.17,0.94)
Morimoto 2002	44/6509	99/6509		21.2	0.44(0.31,0.63)
Subtotal (95%CI)	359/19188	613/19214		100.0	0.57(0.47,0.70)
Test for heterogeneity chi-square = 4.18, df = 3, p = 0.14					
Test for overall effect z = -5.37, p<0.00001					
04 cohort data (maximally adjusted)					
Huang 1999	121/6241	137/5600		59.3	0.79(0.62,1.01)
Morimoto 2002	44/6509	36/6509		40.7	1.22(0.79,1.90)
Subtotal (95%CI)	165/12750	173/12109		100.0	0.95(0.62,1.43)
Test for heterogeneity chi-square = 2.87, df = 1, p = 0.09					
Test for overall effect z = -0.26, p = 0.8					
05 cohort data (non-HRT only)					
Huang 1999	121/6241	206/5600		72.6	0.53(0.42,0.66)
Morimoto 2002	44/6509	88/6509		27.4	0.50(0.35,0.72)
Subtotal (95%CI)	165/12750	294/12109		100.0	0.52(0.43,0.63)
Test for heterogeneity chi-square = 0.06, df = 1, p = 0.81					
Test for overall effect z = -6.80, p<0.00001					

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Favours small waist Favours larger waist

Box 21.1