

**Supplementary Table. Cox Regressions Showing Hazard Ratio for Women vs. Men for CHD, CVD and Total Mortality According to Calcium Score and Characteristics**

	<b>CHD Mortality</b>	<b>p-value</b>	<b>CVD Mortality</b>	<b>p-value</b>	<b>Total Mortality</b>	<b>p-value</b>
CAC 0 (n=1,163)	0.49 (0.04-5.78)	0.57	0.76 (0.22-2.59)	0.66	0.76 (0.40-1.45)	0.40
CAC 1-100 (n=1,349)	0.93 (0.29-2.96)	0.90	0.76 (0.30-1.91)	0.56	1.18 (0.77-1.81)	0.45
CAC 101-400 (n=870)	2.11 (0.85-5.24)	0.11	2.19 (1.12-4.28)	0.02	1.42 (0.96-2.10)	0.08
CAC 401+ (n=1,121)	0.97 (0.53-1.77)	0.91	1.81 (1.19-2.76)	<0.01	1.68 (1.27-2.22)	<0.001
1 Calcified Vessel (n=538)	2.23 (0.49-10.05) [7 events]	0.30	1.28 (0.49-3.35) [17 events]	0.61	1.50 (0.94-2.39) [72 events]	0.09
2 Calcified Vessels (n=579)	1.44 (0.45-4.58) [12 events]	0.54	1.46 (0.72-2.95) [32 events]	0.30	1.34 (0.88-2.05) [90 events]	0.17
3-4 Calcified Vessels (n=1,404)	0.85 (0.47-1.53) [72 events]	0.59	1.49 (0.99-2.23) [113 events]	0.05	1.19 (0.91-1.54) [287 events]	0.21
0 Lesions (n=1,196)	0.64 (0.20-2.00)	0.44	1.19 (0.55-2.58)	0.65	0.88 (0.58-1.32)	0.53
1-3 Lesions (n=431)	†	0.70	0.70 (0.14-3.59)	0.67	0.72 (0.33-1.57)	0.41
4 or more Lesions (n=1,219)	0.66 (0.31-1.41)	0.28	1.13 (0.68-1.87)	0.64	1.12 (0.82-1.55)	0.48
Total CAC Volume <52.70 mm <sup>3</sup> (n=1,023)	1.53 (0.31-7.60)	0.60	1.03 (0.39-2.71)	0.95	2.01 (1.13-3.60)	0.02
Total CAC Volume ≥52.70 mm <sup>3</sup> (n=1,024)	1.43 (0.71-2.89)	0.31	2.61 (1.60-4.25)	0.0001	1.61 (1.16-2.24)	0.005
Lesion Size <20.40 HU/mm <sup>3</sup> (n=312)	†	1.00	0.38 (0.05-3.03)	0.36	1.27 (0.49-3.29)	0.62
Lesion Size ≥20.40 HU/mm <sup>3</sup> (n=312)	1.23 (0.25-6.13)	0.80	3.49 (1.38-8.81)	0.008	1.28 (0.73-2.24)	0.67

Median cutpoints used for volume and lesion size Each entry is a separate unadjusted regression showing the Female: Male HR (with 95% CI) for prediction of each outcome. †estimates not provided due to being unreliable due to few events.