Supplemental Table 8. Adjusted hazard ratios (95% CI) of early menopause (menopause <45 yrs) vs. normal menopause (menopause ≥45 yrs) and cardiovascular disease risk by cohort

	CHD	Stroke	ASCVD	HF
	HR$^{\&}$ (95% CI)	HR (95% CI)	HR (95% CI)	HR (95% CI)
ARIC				
All	**1.111 (1.035 1.193)***	**1.104 (1.031 1.181)***	**1.108 (1.035 1.186) ***	1.095 (1.023 1.172)
P-interaction	0.91	0.97	0.56	0.83
T2DM	**1.276 (1.00 1.640)***	1.170 (0.937 1.461)	1.215 (0.969 1.524)	1.151 (0.915 1.447)
Non-T2DM	**1.100 (1.021 1.185)***	**1.094 (1.018 1.176)***	**1.104 (1.028 1.186***	1.091 (1.016 1.172)
MESA				
All	**1.113 (1.016 1.219)***	**1.133 (1.035 1.240)***	**1.130 (1.032 1.237)***	**1.105 (1.009 1.210)***
P-interaction	0.14	0.21	0.14	0.11
T2DM	1.205 (0.936 1.551)	1.198 (0.935 1.535)	1.224 (0.956 1.568)	1.214 (0.949 1.554)
Non-T2DM	1.096 (0.993 1.209)	**1.118 (1.014 1.233)***	**1.112 (1.008 1.226)***	1.087 (0.985 1.199)
JHS				
All	1.025 (0.839 1.251)	1.027 (0.841 1.254)	1.031 (0.846 1.258)	0.974 (0.797 1.191)
P-interaction	0.21	0.09	0.15	0.34
T2DM	**1.979 (1.068 3.668)***	**2.001 (1.064 3.764)***	**1.908 (1.044 3.485)***	1.680 (0.902 3.130)
Non-T2DM	0.934 (0.752 1.161)	0.932 (0.751 1.157)	0.939 (0.756 1.166)	0.908 (0.731 1.128)

T2DM: type 2 diabetes; CHD: coronary heart disease; ASCVD: Atherosclerotic cardiovascular disease (CHD or stroke); HF: heart failure

$^{\&}$HRs were adjusted for age, race, cohort indicator, education, smoking status, alcohol drinking status, BMI, mean blood pressure, mean total cholesterol, antihypertensive medication, lipid-lowering medication, ever used hormone therapy, pregnancy history, and diabetes.

*P<0.05