**Table S1. Associations of Carotid-Femoral Pulse Wave Velocity (cfPWV) quartiles with incident AF in the ARIC cohort by sex and race, 2011-2017.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **1st Quartile** | **2nd Quartile** | **3rd Quartile** | **4th Quartile** | **Interaction** |
| **cfPWV** | **< 9.5** | **9.5-11.2** | **11.2 -13.2** | **> 13.2** |  |
| **HR (95% confidence intervals)** | | | | | **P- value** |
| Men  N=1535 | 1.27  (0.75,2.14) | ref | 1.49  (0.92, 2.42) | 1.47  (0.89, 2.44) | 0.40 |
| Women  N= 2347 | 1.68  (1.06, 2.65) | ref | 1.74  (1.09, 2.78) | 1.74  (1.07, 2.81) |  |
| Blacks  N=773 | 0.48  (0.13, 1.80) | ref | 1.91  (0.68, 5.3) | 1.56  (0.57, 4.30) | 0.60 |
| Whites  N=3109 | 1.62  (1.13, 2.32) | ref | 1.53  (1.07, 2.18) | 1.50  (1.03, 2.17) |  |

Abbreviations: ARIC: Atherosclerosis Risk in Communities; BMI, body mass index; CI, confidence interval; HR, hazard ratio; NT-proBNP, N-terminal pro B-type natriuretic peptide; ref, reference.

Cox proportional hazards model adjusted for age, sex, center, race, smoking, education, drinking, diabetes mellitus, heart failure myocardial infarction, aspirin, statin, systolic blood pressure, left ventricular ejection fraction, Left atrial volume.