|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental table 1.** Linear and logistic regression results for night-time systolic blood pressure and echocardiographic markers of subclinical cardiac damage | | | | | | | | |
|  | LA volume index  Beta Coef (95% CI) | P value | LV mass index  Beta Coef (95% CI) | P value | LVH  OR (95% CI) | P value | Diastolic dysfunction  OR (95% CI) | P value |
| **Univariable models** |  |  |  |  |  |  |  |  |
| Night-time SBP | 3.0 (1.3 – 4.7) | 0.001 | 9.7 (5.7 -13.7) | 0.000 | 2.1 (1.2 – 3.8) | 0.02 | 1.4 (0.9 -2.2) | 0.1 |
| Daytime SBP | 2.7 (0.5 – 4.8) | 0.02 | 8.8 (3.6 – 14.0) | 0.001 | 1.6 (0.9 – 2.9) | 0.1 | 1.3 (0.8 – 2.1) | 0.3 |
| Study SBP | 2.0 (0.4 -3.7) | 0.02 | 6.6 (2.5 – 10.6) | 0.002 | 1.4 (0.9 – 2.1) | 0.1 | 1.1 (0.8 – 1.6) | 0.6 |
| **Sex and age adjusted models** |  |  |  |  |  |  |  |  |
| Night-time SBP | 1.9 (0.2 – 3.7) | 0.03 | 7.5 (3.5 – 11.6) | 0.000 | 1.9 (1.0 -3.6) | 0.04 | 1.1 (0.6 – 1.8) | 0.8 |
| Daytime SBP | 2.0 (0.0 – 4.0) | 0.05 | 6.1 (1.1 – 11.1) | 0.02 | 1.6 (0.8 – 3.1) | 0.2 | 1.2 (0.7 – 2.1) | 0.4 |
| Study SBP | 1.1 (-0.6 – 2.8) | 0.2 | 3.5 (-0.7 – 7.7) | 0.1 | 1.3 (0.8 – 2.0) | 0.3 | 0.9 (0.6 – 1.5) | 0.7 |
| **Multivariable adjusted model** |  |  |  |  |  |  |  |  |
| Night-time SBP | 1.6 (-0.4 – 3.5) | 0.1 | 7.4 (2.9 – 11.9) | 0.002 | 1.8 (1.0 – 3.5) | 0.07 | 1.2 (0.6 – 2.1) | 0.6 |
| Daytime SBP | 1.8 (-0.3 – 3.9) | 0.1 | 6.1 (1.0 -11.3) | 0.02 | 1.9 (0.8 – 4.1) | 0.1 | 1.2 (0.7 – 2.1) | 0.5 |
| Study SBP | 1.0 (-0.8 – 2.9) | 0.2 | 2.9 (-1.6 – 7.4) | 0.2 | 1.3 (0.7 – 2.2) | 0.4 | 0.9 (0.5 – 1.5) | 0.7 |
| LA = left atrium; LV = left ventricle; LVH = left ventricular hypertrophy; Beta coef = Beta coefficient; CI = confidence interval; OR = odds ratio; SBP = systolic blood pressure  Beta coefficients and odds ratios for night-time SBP, daytime SBP and study SBP represent per 10 mmHg rise | | | | | | | | |