**Table S5.** Determinants of hypertension-mediated organ damage (HMOD) assessed by logistic regression analysis including the main clinical and demographic variables (age, sex, history of hypertension, dyslipidemia, diabetes or heart disease, obesity) and all the ambulatory SBP and PP parameters. Data are shown for the study population with all estimates of HMOD, as odds ratio and 95% confidence interval and corresponding p-values. SBP: Systolic Blood Pressure; PP: Pulse Pressure; CV: Cardiovascular

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model including only SBP** | | | **Model including only PP** | | |
| **Cardiac damage (n=201)** | | | | | |
| **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** | **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** |
| Sex (male vs. female) | 0.488 (0.238, 0.999) | 0.050 | CV disease (yes vs. no) | 2.645 (1.053, 6.643) | 0.038 |
| CV disease (yes vs. no) | 2.808 (1.112, 7.089) | 0.029 | 24-hour Central PP (1-mmHg increase) | 1.099 (1.049, 1.150) | 0.0001 |
| 24-hour Central SBP (1-mmHg increase) | 1.057 (1.026, 1.089) | 0.0001 |  |  |  |
| **Vascular damage (n=201)** | | | | | |
| **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** | **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** |
| Age (1-year increase) | 1.088 (1.051, 1.127) | 0.0001 | Age (1-year increase) | 1.088 (1.051, 1.127) | 0.0001 |
| Sex (male vs. female) | 2.115 (1.001, 4.466) | 0.050 | Sex (male vs. female) | 2.115 (1.001, 4.466) | 0.050 |
| **Renal damage (n=201)** | | | | | |
| **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** | **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** |
| Age (1-year increase) | 1.050 (1.009, 1.093) | 0.015 | Age (1-year increase) | 1.050 (1.009, 1.093) | 0.015 |
| **Any HMOD (n=201)** | | | | | |
| **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** | **Variables** | **Odds ratio  (95% confidence interval)** | **p-value** |
| Age (1-year increase) | 1.076 (1.039, 1.114) | 0.0001 | Age (1-year increase) | 1.076 (1.039, 1.114) | 0.0001 |