**Supplementary table 3a. The association between daytime BP readings from different definition and proteinuria.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| SBP from different definition on proteinuria |  |  |  |
| Fixed time Wide | 0.04 | 1.04 (1-1.08) | 0.038 |
| Fixed time Narrow | 0.04 | 1.04 (1-1.08) | 0.055 |
| Actigraphy | 0.04 | 1.04 (1-1.09) | 0.037 |
| Diary | 0.04 | 1.04 (1-1.08) | 0.053 |
| DBP from different definition on proteinuria |  |  |  |
| Fixed time Wide | -0.03 | 0.97 (0.93-1.02) | 0.236 |
| Fixed time Narrow | -0.03 | 0.98 (0.93-1.02) | 0.237 |
| Actigraphy | -0.03 | 0.97 (0.93-1.01) | 0.192 |
| Diary | -0.03 | 0.97 (0.93-1.01) | 0.202 |

**Supplementary table 3b. The association between daytime BP readings from different definition and LVH.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| SBP from different definition on LVH |  |  |  |
| Fixed time Wide | 0.08 | 1.08 (0.94-1.26) | 0.270  |
| Fixed time Narrow | 0.08 | 1.08 (0.94-1.26) | 0.253  |
| Actigraphy | 0.08 | 1.08 (0.93-1.26) | 0.291  |
| Diary | 0.07 | 1.08 (0.94-1.24) | 0.278  |
| DBP from different definition on LVH |  |  |  |
| Fixed time Wide | 0.09  | 1.09 (0.93-1.3) | 0.275 |
| Fixed time Narrow | 0.08  | 1.08 (0.93-1.28) | 0.307 |
| Actigraphy | 0.10  | 1.11 (0.94-1.34) | 0.231 |
| Diary | 0.08  | 1.08 (0.93-1.28) | 0.304 |

**Supplementary table 3c. The association between daytime BP readings from different definition and eGFR.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| SBP from different definition on renal damage (eGFR) |  |  |  |
| Fixed time Wide | -0.02 | 0.98 (0.9-1.06) | 0.708 |
| Fixed time Narrow | -0.01 | 0.99 (0.91-1.06) | 0.707 |
| Actigraphy | -0.01 | 0.99 (0.91-1.08) | 0.878 |
| Diary | -0.01 | 0.99 (0.91-1.07) | 0.788 |
| DBP from different definition on renal damage (eGFR) |  |  |  |
| Fixed time Wide | -0.15 | 0.86 (0.76-0.95) | 0.007 |
| Fixed time Narrow | -0.15 | 0.86 (0.76-0.95) | 0.008 |
| Actigraphy | -0.14 | 0.87 (0.77-0.96) | 0.009 |
| Diary | -0.14 | 0.87 (0.78-0.96) | 0.012 |

Note: eGFR < 60 was used to define renal damage.

**Supplementary table 3d. The association between nighttime BP readings from different definition and proteinuria.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| SBP from different definition on proteinuria |  |  |  |
| Fixed time Wide | 0.06 | 1.06 (1.02-1.11) | 0.003 |
| Fixed time Narrow | 0.05 | 1.05 (1.01-1.09) | 0.009 |
| Actigraphy | 0.05 | 1.05 (1.01-1.09) | 0.015 |
| Diary | 0.06 | 1.06 (1.02-1.11) | 0.004 |
| DBP from different definition on proteinuria |  |  |  |
| Fixed time Wide | -0.02 | 0.98 (0.93-1.03) | 0.464 |
| Fixed time Narrow | -0.02 | 0.98 (0.93-1.03) | 0.354 |
| Actigraphy | -0.03 | 0.97 (0.92-1.02) | 0.249 |
| Diary | -0.02 | 0.98 (0.93-1.03) | 0.406 |

**Supplementary table 3e. The association between nighttime BP readings from different definition and LVH.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| SBP from different definition on LVH |  |  |  |
| Fixed time Wide | 0.07 | 1.08 (0.93-1.25) | 0.297 |
| Fixed time Narrow | 0.07 | 1.07 (0.93-1.23) | 0.318 |
| Actigraphy | 0.08 | 1.08 (0.94-1.26) | 0.256 |
| Diary | 0.08 | 1.09 (0.94-1.26) | 0.243 |
| DBP from different definition on LVH |  |  |  |
| Fixed time Wide | 0.15 | 1.17 (0.96-1.5) | 0.164 |
| Fixed time Narrow | 0.13 | 1.14 (0.94-1.41) | 0.192 |
| Actigraphy | 0.18 | 1.2 (0.98-1.57) | 0.119 |
| Diary | 0.15 | 1.16 (0.96-1.45) | 0.139 |

**Supplementary table 3f. The association between nighttime BP readings from different definition and reduced eGFR.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| SBP from different definition on renal damage (eGFR) |  |  |  |
| Fixed time Wide | 0.01 | 1.01 (0.94-1.1) | 0.734  |
| Fixed time Narrow | 0.03 | 1.03 (0.96-1.11) | 0.369  |
| Actigraphy | 0.03 | 1.03 (0.95-1.11) | 0.443  |
| Diary | 0.03 | 1.03 (0.95-1.11) | 0.481  |
| DBP from different definition on renal damage (eGFR) |  |  |  |
| Fixed time Wide | -0.15 | 0.86 (0.75-0.96) | 0.012  |
| Fixed time Narrow | -0.14 | 0.87 (0.77-0.97) | 0.020  |
| Actigraphy | -0.15 | 0.86 (0.75-0.97) | 0.022  |
| Diary | -0.14 | 0.87 (0.76-0.97) | 0.017  |

Note: eGFR < 60 was used to define renal damage.

**Supplementary table 3g. The association between dipping from different definition and proteinuria.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| Non-dipping from different definition on proteinuria |  |  |  |
| Fixed time Wide | 1.78 | 5.94 (1.69-37.75) | 0.018  |
| Fixed time Narrow | 0.66 | 1.93 (0.82-5.09) | 0.153  |
| Actigraphy | 0.17 | 1.18 (0.54-2.7) | 0.680  |
| Diary | 1.15 | 3.15 (1.24-9.71) | 0.026  |

**Supplementary table 3h. The association between dipping from different definition and LVH.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| Non-dipping from different definition on proteinuria |  |  |  |
| Fixed time Wide | 0.43 | 1.54 (0.13-Inf) | 0.783 |
| Fixed time Narrow | -0.78 | 0.46 (0.02-11.73) | 0.509 |
| Actigraphy | 1.04 | 2.82 (0.23-Inf) | 0.508 |
| Diary | 0.85 | 2.34 (0.19-Inf) | 0.588 |

**Supplementary table 3i. The association between dipping from different definition and reduced eGFR.**

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Estimate | OR (95% CI) | P value |
| Non-dipping from different definition on proteinuria |  |  |  |
| Fixed time Wide | 0.60  | 1.81 (0.3-34.81) | 0.587  |
| Fixed time Narrow | 1.02  | 2.77 (0.46-52.91) | 0.352  |
| Actigraphy | 1.23  | 3.42 (0.57-65.4) | 0.260  |
| Diary | 1.03  | 2.81 (0.46-53.86) | 0.344  |

Note: eGFR < 60 was used to define renal damage.