Table 28. HBPM vs. office, all-cause mortality, results of included studies for Key Question 3a

| BP | Study, Quality | Country | N BL | # of Events | % HTN at BL, % Treated | Mean BL Office SBP/DBP(mm Hg) | Mean follow-up (y) | Cox regression model, BP variable increment§ | HBPMHR (95% CI) | HBPMHR (95% CI), adj. for OBPM | OBPMHR (95% CI) | OBPMHR (95% CI), adj. for HBPM | Additional model covariates‡ |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Systolic | Bobrie, 2004113Good | France | 4939 | 205 | 100 100 | 152/85 | 3.2 | 1 mm Hg | 1.00 (1.00 to 1.01) | NR | 0.99 (0.99 to 1.00) | NR | NR |
| Niiranen, 2010123Good | Finland | 2081 | 118 | NR 22.68 | 137.4/83.7 | 6.8 | 10 mm Hg | 1.11 (1.01 to 1.23) | 1.22 (1.09 to 1.37) | 1.05 (0.96 to 1.15) | 1.01 (0.92 to 1.12) | Age, sex, smoking, DM, history of CV events, anti-HTN treatment, hypercholest-erolemia |
| Ohkubo, 1998124 Good | Japan | 1789 | 160 | NR 32.53 | 133.3/75.9 | 6.6 (2.3) | 1 mm Hg | 1.014 (1.003 to 1.025)\* | NR | 1.001 (0.992 to 1.009) | NR | NR |
| 1.011 (1.002 to 1.021)† | NR | 1.001 (0.992 to 1.009) | NR |
| Diastolic | Bobrie, 2004113Good | France | 4939 | 205 | 100 100 | 152/85 | 3.2 | 1 mm Hg | 1.01 (0.99 to 1.02) | NR | 0.99 (0.97 to 1.01) | NR | NR |
| Niiranen, 2010123Good | Finland | 2081 | 118 | NR 22.68 | 137.4/83.7 | 6.8 | 5 mm Hg | 1.08 (0.98 to 1.12) | 1.15 (1.05 to 1.26) | 0.95 (0.87 to 1.04) | 1.06 (0.97 to 1.16) | Age, sex, smoking, DM, history of CV events, anti-HTN treatment, hypercholest-erolemia |
| Ohkubo, 1998124 Good | Japan | 1789 | 160 | NR 32.53 | 133.3/75.9 | 6.6 (2.3) | 1 mm Hg | 1.012 (0.995 to 1.028)\* | NR | 1.002 (0.989 to 1.016) | NR | NR |
| 1.013 (0.999 to 1.027)† | NR | 1.002 (0.989 to 1.016) | NR | NR |

\*Multiple HBPM measurements

†Initial HBPM measurement only

‡All covariates are from the model adjusted for HBPM or OBPM.

**Abbreviations**: adj = adjusted; BL = baseline; BMI = body mass index; BP = blood pressure; CI = confidence interval; CV = cardiovascular; DBP = diastolic blood pressure; DM = diabetes mellitus; HBPM = home blood pressure measurement; HTN = hypertension; HR = hazard ratio; mm Hg = millimeters of mercury; NR = not reported; OBPM = office blood pressure measurement; SBP = systolic blood pressure