**Table S5. The combined effect of SBP and DBP on all-cause and specific death among participants with no prior hypertension in a retrospective cohort enrolled in the Korea National Health Insurance-Health Screening in 2002-2003, followed by 2013**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **SBP<140 DBP <90** | **SBP <140** **DBP ≥ 90** | **SBP ≥ 140** **DBP < 90** | **SBP ≥ 140** **DBP ≥ 90** | ***p*** |
| All-cause | 1.00 | **1.07 (1.02 - 1.13)** | **1.20 (1.15 - 1.24)** | **1.30 (1.26 - 1.34)** | **<0.01** |
| Tuberculosis  | 1.00 | 1.00 (0.57 - 1.78) | 0.71 (0.45 - 1.12) | 1.11 (0.81 - 1.54) | 0.94 |
| Hepatitis  | 1.00 | 1.73 (0.95 - 3.13) | 1.24 (0.65 - 2.36) | 1.39 (0.87 - 2.23) | 0.14 |
| DM, total | 1.00 | 1.21 (0.91 - 1.61) | **1.70 (1.42 - 2.04)** | **1.68 (1.43 - 1.96)** | **<0.01** |
| NIDDM  | 1.00 | 1.22 (0.86 - 1.73) | **1.74 (1.40 - 2.17)** | **1.69 (1.39 - 2.04)** | **<0.01** |
| Parkinson diseases  | 1.00 | 0.95 (0.54 - 1.67) | 0.94 (0.65 - 1.37) | 0.91 (0.65 - 1.26) | 0.54 |
| Alzheimer disease  | 1.00 | 1.26 (0.66 - 2.42) | 0.75 (0.47 - 1.20) | 0.86 (0.57 - 1.29) | 0.29 |
| Pneumonia  | 1.00 | 1.26 (0.90 - 1.75) | 1.16 (0.93 - 1.45) | **1.24 (1.02 - 1.50)** | **0.02** |
| Interstitial pneumonia  | 1.00 | 0.78 (0.39 - 1.54) | 0.87 (0.54 - 1.38) | 0.56 (0.36 - 0.88) | **0.02** |
| Aspiration pneumonia  | 1.00 | 0.97 (0.39 - 2.42) | 0.77 (0.41 - 1.44) | 1.40 (0.90 - 2.19) | 0.30 |
| COPD | 1.00 | 1.02 (0.74 - 1.42) | 0.90 (0.72 - 1.12) | 1.18 (0.98 - 1.4) | 0.22 |
| Alcoholic liver disease  | 1.00 | **1.61 (1.13 - 2.29)** | 1.33 (0.89 - 1.99) | **2.12 (1.66 - 2.70)** | **<0.01** |
| Liver cirrhosis  | 1.00 | 0.64 (0.37 - 1.13) | **1.54 (1.10 - 2.15)** | **1.35 (1.02 - 1.77)** | **<0.01** |
| Intestinal ischemia  | 1.00 | 2.99 (0.99 - 9.07) | - | **2.39 (1.10 - 5.17)** | 0.12 |
| Paralytic ileus except hernia  | 1.00 | 1.14 (0.27 - 4.90) | 0.57 (0.17 - 1.95) | 0.80 (0.32 - 2.03) | 0.48 |
| Pancreatitis | 1.00 | 1.05 (0.32 - 3.48) | 1.56 (0.66 - 3.66) | 0.83 (0.36 - 1.94) | 0.97 |
| Acute pancreatitis  | 1.00 | 0.42 (0.06 - 3.16) | 1.91 (0.79 - 4.6) | 0.87 (0.35 - 2.18) | 0.85 |
| Renal failure  | 1.00 | 1.11 (0.62 - 1.96) | **1.91 (1.37 - 2.65)** | **2.00 (1.51 - 2.66)** | **<0.01** |
| Chronic renal failure | 1.00 | 1.14 (0.59 - 2.18) | **1.89 (1.28 - 2.78)** | **2.12 (1.53 - 2.93)** | **<0.01** |
| Acute renal failure | 1.00 | 0.51 (0.07 - 3.85) | 2.01 (0.93 - 4.35) | 1.17 (0.53 - 2.60) | 0.36 |

Values are presented as hazard ratio (95% confidence interval).

Hazard ratios were adjusted for age, sex, body mass index, cigarette smoking, alcohol consumption, physical activity, current anemia, chronic disease score on past history, and chronic disease score on family history.

SBP, systolic blood pressure; DBP, diastolic blood pressure; DM, diabetes mellitus; NIDDM, noninsulin-dependent diabetes mellitus; COPD, chronic obstructive pulmonary disease.