### Supplementary Table 1. Incidence of fracture and mortality rate (relative risk)

| Age   | Incidence (per 10,000) | Mortality rate (relative risk) |
|-------|------------------------|-------------------------------|
|       | Vertebral | Hip | Wrist | Others | Vertebral | Hip | Post-vertebral | Post-hip |
| 50-54 | 16.57     | 1.26 | 34.76 | 27.72 | 6.85      | 2.81 | 4.86          | 1.75     |
| 55-59 | 37.02     | 2.31 | 59.78 | 38.18 | 9.08      | 2.66 | 6.44          | 1.84     |
| 60-64 | 78.05     | 5.10 | 72.19 | 41.03 | 5.31      | 2.22 | 3.88          | 1.56     |
| 65-69 | 178.86    | 14.11| 83.99 | 44.08 | 5.26      | 1.85 | 3.64          | 1.30     |
| 70-74 | 273.76    | 28.98| 79.49 | 41.75 | 2.77      | 1.69 | 2.02          | 1.25     |
| 75-79 | 367.85    | 55.37| 78.92 | 39.73 | 3.60      | 1.83 | 2.62          | 1.38     |
| 80-84 | 409.07    | 93.12| 81.21 | 38.33 | 2.59      | 2.10 | 1.86          | 1.56     |
| 85-89 | 400.30    | 136.93| 89.98 | 42.30 | 3.65      | 2.34 | 2.62          | 1.79     |
| 90-94 | 327.01    | 146.31| 84.52 | 39.83 | 7.53      | 3.51 | 5.48          | 2.81     |
| 95-100| 186.13    | 112.59| 48.81 | 35.14 | 7.53      | 2.95 | 5.48          | 2.21     |