**eTable2. The dataset needed to replicate our findings**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Author* | *HR* | *LCI* | *UCI* | *Sample size* | *Region* |
| Dottorini1995 | 1.05 | 0.13 | 3.78 | S | EU |
| Berthe2004man | 1.93 | 0.53 | 4.95 | S | EU |
| Berthe2004woman | 1.52 | 0.04 | 8.44 | S | EU |
| Ronckers2005 | 0.87 | 0.76 | 0.99 | B | USA |
| Sandeep2006 | 0.93 | 0.80 | 1.08 | B | MIXED |
| Verkooijen2006 | 0.15 | 0.01 | 0.62 | S | EU |
| Tabuchi2012 | 1.43 | 0.88 | 1.98 | B | ASIA |
| Lu2013 | 1.57 | 1.25 | 1.95 | B | ASIA |
| Cho2014 | 1.35 | 1.22 | 1.50 | B | ASIA |
| Teng2015 | 1.93 | 1.58 | 2.35 | B | ASIA |
| Izkhakov2017man | 1.27 | 0.80 | 1.74 | S | ASIA |
| Izkhakov2017woman | 1.43 | 1.00 | 1.87 | S | ASIA |
| Wu2017 | 1.08 | 0.96 | 1.20 | B | USA |
| Bright2019 | 1.20 | 0.80 | 1.70 | S | EU |
| Crocetti2021 | 1.00 | 0.90 | 1.20 | B | EU |
| Ho2021 | 1.14 | 1.06 | 1.22 | B | ASIA |

**The dataset for primary analysis.**

HR: hazard ratio; LCI: lower limit of the confidence interval; UCI: upper limit of the confidence interval; B: big (>10000); S: small (≤10000); EU: Europe

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *author* | *HR* | *LCI* | *UCI* | *Age* |
| Lu2013young | 1.47 | 0.85 | 2.35 | <50 |
| Lu2013old | 1.60 | 1.24 | 2.03 | >50 |
| Bright2019 | 1.20 | 0.80 | 1.70 | <50 |
| Crocetti2021young | 1.20 | 0.20 | 3.50 | <50 |
| Crocetti2021old | 1.00 | 0.80 | 1.20 | >50 |

**The dataset for subgroup analysis of age.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *author* | *HR* | *LCI* | *UCI* | *gender* |
| Berthe2004man | 1.93 | 0.53 | 4.95 | M |
| Berthe2004woman | 1.52 | 0.04 | 8.44 | F |
| lu2013male | 1.24 | 0.82 | 1.80 | M |
| lu2013female | 1.80 | 1.37 | 2.34 | F |
| cho2014male | 0.95 | 0.77 | 1.17 | M |
| cho2014female | 1.58 | 1.40 | 1.78 | F |
| teng2015male | 1.53 | 1.01 | 2.22 | M |
| teng2015female | 2.14 | 1.68 | 2.68 | F |
| izkhakov2017male | 1.27 | 0.80 | 1.74 | M |
| izkhakov2017female | 1.43 | 1.00 | 1.87 | F |
| Crocetti2021male | 0.90 | 0.70 | 1.10 | M |
| Crocetti2021female | 1.20 | 1.00 | 1.50 | F |
| Ho2021male | 1.02 | 0.87 | 1.18 | M |
| Ho2021female | 1.88 | 1.74 | 2.03 | F |

**The dataset for subgroup analysis of gender.**

M: male; F: female