**Table S2** The age-standardized mortality, YLDs, YLLs and DALYs attributed to high BMI for the BRI countries in 1990 and 2019

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1990(/100,000)** |  |  |  |  | **2019(/100,000)** |  |  |
| **Gobal/Regions/Countries** | **Mortality** | **YLDs** | **YLLs** | **DALYs** |  | **Mortality** | **YLDs** | **YLLs** | **DALYs** |
| Global | 59.65  | 307.46  | 1330.13  | 1637.58  |  | 62.59  | 492.42  | 1440.12  | 1932.54  |
| **SDI Regions** |  |  |  |  |  |  |  |  |  |
| High SDI | 60.56  | 460.38  | 1301.86  | 1762.23  |  | 45.65  | 652.44  | 978.66  | 1631.11  |
| High-middle SDI | 82.01  | 378.76  | 1796.72  | 2175.49  |  | 69.14  | 514.95  | 1466.88  | 1981.83  |
| Middle SDI | 49.34  | 236.39  | 1192.88  | 1429.27  |  | 68.92  | 486.48  | 1632.10  | 2118.58  |
| Low-middle SDI | 32.58  | 141.24  | 807.22  | 948.46  |  | 60.34  | 384.89  | 1507.31  | 1892.20  |
| Low SDI | 37.44  | 134.40  | 961.20  | 1095.60  |  | 55.55  | 294.92  | 1403.22  | 1698.14  |
| **World Bank Regions** |  |  |  |  |  |  |  |  |  |
| World Bank High Income | 63.72  | 467.18  | 1371.04  | 1838.22  |  | 47.24  | 652.75  | 992.14  | 1644.89  |
| World Bank Upper Middle Income | 62.95  | 288.36  | 1429.57  | 1717.94  |  | 63.35  | 477.44  | 1390.44  | 1867.88  |
| World Bank Lower Middle Income | 47.07  | 184.84  | 1106.04  | 1290.89  |  | 72.46  | 426.98  | 1793.95  | 2220.93  |
| World Bank Low Income | 44.33  | 149.77  | 1140.38  | 1290.15  |  | 60.13  | 293.57  | 1495.54  | 1789.11  |
| **East Asia** |  |  |  |  |  |  |  |  |  |
| China | 29.80  | 142.86  | 709.44  | 852.30  |  | 40.55  | 321.50  | 909.44  | 1230.94  |
| **Central Asia** |  |  |  |  |  |  |  |  |  |
| Armenia | 86.17  | 388.01  | 1908.44  | 2296.45  |  | 111.40  | 693.24  | 2328.46  | 3021.70  |
| Azerbaijan | 114.62  | 404.25  | 2786.80  | 3191.06  |  | 182.94  | 693.74  | 3769.34  | 4463.08  |
| Georgia | 164.88  | 488.73  | 3805.02  | 4293.75  |  | 139.08  | 723.33  | 3074.55  | 3797.89  |
| Kazakhstan | 138.84  | 559.30  | 3168.79  | 3728.10  |  | 147.27  | 809.46  | 3130.45  | 3939.91  |
| Kyrgyzstan | 95.52  | 381.75  | 2409.89  | 2791.64  |  | 104.73  | 466.33  | 2356.51  | 2822.84  |
| Mongolia | 142.49  | 322.84  | 3638.80  | 3961.65  |  | 156.57  | 426.55  | 3922.35  | 4348.90  |
| Tajikistan | 58.20  | 206.99  | 1443.75  | 1650.74  |  | 106.16  | 391.42  | 2345.50  | 2736.92  |
| Turkmenistan | 137.70  | 429.47  | 3352.96  | 3782.43  |  | 182.09  | 718.47  | 4418.01  | 5136.48  |
| Uzbekistan | 101.62  | 382.19  | 2495.20  | 2877.39  |  | 228.74  | 672.20  | 4920.92  | 5593.13  |
| **South Asia** |  |  |  |  |  |  |  |  |  |
| Bangladesh | 13.42  | 53.31  | 365.50  | 418.81  |  | 33.29  | 233.99  | 915.50  | 1149.49  |
| Bhutan | 29.41  | 136.05  | 774.99  | 911.04  |  | 55.74  | 385.61  | 1347.98  | 1733.59  |
| India | 24.67  | 117.30  | 627.20  | 744.49  |  | 51.60  | 383.17  | 1314.67  | 1697.84  |
| Nepal | 15.25  | 66.35  | 401.12  | 467.47  |  | 42.15  | 310.15  | 1044.18  | 1354.34  |
| Pakistan | 34.88  | 156.01  | 874.99  | 1030.99  |  | 92.25  | 447.24  | 2330.40  | 2777.63  |
| **Southeast Asia** |  |  |  |  |  |  |  |  |  |
| Cambodia | 23.18  | 88.01  | 644.03  | 732.05  |  | 44.35  | 288.50  | 1124.39  | 1412.89  |
| Indonesia | 30.09  | 145.18  | 872.07  | 1017.24  |  | 80.48  | 455.61  | 2244.25  | 2699.86  |
| Lao | 35.78  | 129.25  | 980.38  | 1109.63  |  | 77.37  | 445.62  | 2075.83  | 2521.45  |
| Malaysia | 59.28  | 349.32  | 1579.66  | 1928.97  |  | 72.34  | 655.18  | 1778.96  | 2434.14  |
| Maldives | 32.80  | 125.58  | 892.21  | 1017.79  |  | 35.54  | 376.09  | 852.97  | 1229.06  |
| Burma | 34.19  | 101.85  | 989.16  | 1091.02  |  | 65.95  | 381.27  | 1771.11  | 2152.38  |
| Philippines | 33.29  | 220.44  | 814.90  | 1035.34  |  | 82.66  | 428.48  | 2174.01  | 2602.50  |
| Sri Lanka | 42.02  | 242.39  | 1002.34  | 1244.73  |  | 66.84  | 659.89  | 1413.50  | 2073.38  |
| Thailand | 27.27  | 186.71  | 734.48  | 921.19  |  | 43.34  | 474.76  | 1132.86  | 1607.62  |
| Viet Nam | 16.24  | 67.71  | 393.10  | 460.80  |  | 42.49  | 258.18  | 990.27  | 1248.45  |
| **High-income Asia pacific** |  |  |  |  |  |  |  |  |  |
| Brunei | 64.21  | 340.32  | 1447.19  | 1787.51  |  | 72.05  | 649.05  | 1538.51  | 2187.56  |
| Singapore | 32.88  | 270.76  | 784.32  | 1055.09  |  | 23.11  | 449.73  | 496.20  | 945.93  |
| **North Africa and Middle East** |  |  |  |  |  |  |  |  |  |
| Afghanistan | 132.74  | 315.85  | 3607.87  | 3923.72  |  | 177.28  | 670.19  | 4428.42  | 5098.61  |
| Bahrain | 211.59  | 807.07  | 4646.44  | 5453.51  |  | 161.71  | 1318.99  | 2978.40  | 4297.40  |
| Egypt | 173.76  | 454.87  | 4193.36  | 4648.23  |  | 217.70  | 852.49  | 5077.10  | 5929.58  |
| Iran  | 89.20  | 392.74  | 2026.84  | 2419.58  |  | 91.72  | 716.76  | 1864.16  | 2580.92  |
| Iraq | 194.46  | 743.58  | 4769.06  | 5512.65  |  | 172.01  | 942.31  | 3850.80  | 4793.11  |
| Jordan | 178.39  | 683.99  | 3911.68  | 4595.67  |  | 137.12  | 976.64  | 2725.00  | 3701.63  |
| Kuwait | 122.15  | 790.97  | 2790.51  | 3581.48  |  | 93.59  | 1167.17  | 1988.91  | 3156.08  |
| Lebanon | 128.15  | 550.48  | 2948.88  | 3499.35  |  | 120.60  | 923.79  | 2564.81  | 3488.60  |
| Oman | 114.05  | 369.81  | 2807.66  | 3177.47  |  | 177.53  | 928.86  | 3472.82  | 4401.68  |
| Palestine | 122.16  | 476.38  | 2942.73  | 3419.11  |  | 131.57  | 789.84  | 2857.53  | 3647.36  |
| Qatar | 229.42  | 904.03  | 4610.90  | 5514.94  |  | 209.62  | 1587.82  | 3317.12  | 4904.93  |
| Saudi Arabia | 121.56  | 544.88  | 2941.14  | 3486.02  |  | 160.71  | 1063.64  | 3707.90  | 4771.54  |
| Syrian Arab Republic | 141.86  | 506.41  | 3595.68  | 4102.09  |  | 143.80  | 753.58  | 3240.93  | 3994.50  |
| Turkey | 127.59  | 561.25  | 2909.00  | 3470.25  |  | 95.18  | 783.45  | 1879.17  | 2662.62  |
| United Arab Emirates | 224.55  | 841.07  | 5036.73  | 5877.80  |  | 203.03  | 1317.70  | 4415.22  | 5732.92  |
| Yemen | 64.31  | 176.59  | 1663.27  | 1839.85  |  | 88.64  | 379.94  | 2215.70  | 2595.64  |
| **Central Europe** |  |  |  |  |  |  |  |  |  |
| Albania | 74.60  | 354.64  | 1528.41  | 1883.05  |  | 74.11  | 535.45  | 1474.32  | 2009.78  |
| Bosnia and Herzegovina | 83.02  | 465.72  | 1842.00  | 2307.72  |  | 101.53  | 847.03  | 1988.79  | 2835.82  |
| Bulgaria | 175.15  | 644.86  | 3897.29  | 4542.15  |  | 159.50  | 763.43  | 3479.45  | 4242.88  |
| Croatia | 116.02  | 591.78  | 2449.03  | 3040.81  |  | 85.25  | 780.40  | 1570.28  | 2350.68  |
| Czechia | 135.06  | 666.44  | 2950.72  | 3617.16  |  | 80.20  | 998.21  | 1471.04  | 2469.25  |
| Hungary | 150.94  | 706.08  | 3473.88  | 4179.96  |  | 103.79  | 846.45  | 2090.11  | 2936.56  |
| Montenegro | 115.21  | 685.76  | 2589.04  | 3274.80  |  | 127.71  | 897.42  | 2615.42  | 3512.84  |
| Macedonia | 149.34  | 641.07  | 3186.66  | 3827.73  |  | 162.73  | 927.94  | 3119.86  | 4047.80  |
| Poland | 127.10  | 653.03  | 2873.52  | 3526.56  |  | 80.42  | 798.45  | 1597.78  | 2396.24  |
| Romania | 129.31  | 557.11  | 2784.62  | 3341.73  |  | 111.85  | 737.39  | 2295.55  | 3032.94  |
| Serbia | 142.05  | 632.71  | 3067.88  | 3700.59  |  | 126.38  | 862.94  | 2396.35  | 3259.29  |
| Slovakia | 136.35  | 584.94  | 3047.96  | 3632.90  |  | 96.14  | 726.55  | 1851.34  | 2577.89  |
| Slovenia | 85.91  | 589.52  | 1776.66  | 2366.18  |  | 54.03  | 695.36  | 950.50  | 1645.86  |
| **Eastern Europe** |  |  |  |  |  |  |  |  |  |
| Belarus | 100.85  | 461.04  | 2255.49  | 2716.53  |  | 121.19  | 562.44  | 2598.14  | 3160.58  |
| Estonia | 120.52  | 490.65  | 2652.06  | 3142.71  |  | 104.63  | 655.53  | 1885.04  | 2540.56  |
| Latvia | 124.10  | 534.46  | 2759.03  | 3293.49  |  | 104.88  | 683.58  | 2120.06  | 2803.64  |
| Lithuania | 104.05  | 479.78  | 2248.38  | 2728.17  |  | 95.99  | 585.85  | 1890.56  | 2476.40  |
| Moldova | 116.52  | 474.02  | 2550.22  | 3024.24  |  | 116.59  | 651.20  | 2472.78  | 3123.98  |
| Russian Federation | 119.49  | 476.99  | 2656.08  | 3133.06  |  | 122.61  | 593.32  | 2670.00  | 3263.32  |
| Ukraine | 123.16  | 534.08  | 2602.27  | 3136.36  |  | 155.58  | 603.32  | 3443.73  | 4047.05  |
| **Western Europe** |  |  |  |  |  |  |  |  |  |
| Cyprus | 71.03  | 339.76  | 1304.00  | 1643.76  |  | 46.46  | 473.50  | 789.02  | 1262.52  |
| Greece | 63.11  | 381.63  | 1270.81  | 1652.44  |  | 50.12  | 515.48  | 998.05  | 1513.53  |
| Israel | 68.48  | 385.52  | 1368.83  | 1754.35  | 　 | 41.68  | 511.06  | 733.56  | 1244.62  |

(YLDs, years lived with disability; YLLs, Years of Life Lost; DALYs, disability-adjusted life-years; BMI, Body Mass Index; BRI, Belt and Road Initiative.)