

**Supplementary Materials S1. Mortality data for women with NRVHD from 1990 to 2021.**

| <b>Location</b>              | <b>1990</b>               |               |
|------------------------------|---------------------------|---------------|
|                              | <b>Death</b>              | <b>ASDR</b>   |
| <b>Global</b>                | 48449.7 (43197.2-52543.3) | 2.7 (2.3-2.9) |
| <b>SDI</b>                   |                           |               |
| Low SDI                      | 1517.7 (845.5-2220.2)     | 1.6 (0.9-2.4) |
| Low-middle SDI               | 3072.6 (2069.9-4367.8)    | 1.2 (0.8-1.7) |
| Middle SDI                   | 3630.6 (3009-4463.9)      | 0.8 (0.6-1)   |
| High-middle SDI              | 7065.1 (6393.2-7629.3)    | 1.4 (1.3-1.5) |
| High SDI                     | 33119.2 (28838.4-35349.7) | 4.7 (4.1-5)   |
| <b>GBD Region</b>            |                           |               |
| Andean Latin America         | 97.1 (76.6-117.2)         | 0.9 (0.7-1.1) |
| Australasia                  | 585.7 (512.3-634.9)       | 4.2 (3.7-4.6) |
| Caribbean                    | 165 (141-191.9)           | 1.2 (1.1-1.4) |
| Central Asia                 | 40.8 (34.6-48.9)          | 0.1 (0.1-0.2) |
| Central Europe               | 1200.7 (1096.2-1405.9)    | 1.4 (1.3-1.7) |
| Central Latin America        | 530.6 (506.2-550.8)       | 1.3 (1.2-1.4) |
| Central Sub-Saharan Africa   | 194.1 (106.5-286.3)       | 2.2 (1.2-3.3) |
| East Asia                    | 884.8 (586.1-1164.7)      | 0.3 (0.2-0.3) |
| Eastern Europe               | 293 (276.3-305.4)         | 0.2 (0.2-0.2) |
| Eastern Sub-Saharan Africa   | 589.8 (326.3-893.1)       | 1.8 (1-2.9)   |
| High-income Asia Pacific     | 5531.8 (4784.4-5946.8)    | 5.2 (4.4-5.6) |
| High-income North America    | 10334.5 (8729.6-11156.4)  | 4.3 (3.7-4.7) |
| North Africa and Middle East | 2029.9 (1343.6-2698.8)    | 2.5 (1.6-3.3) |
| Oceania                      | 16.8 (9.9-28.6)           | 1.3 (0.9-2)   |
| South Asia                   | 2498.3 (1462-3750.6)      | 1.1 (0.7-1.7) |
| Southeast Asia               | 342.9 (225.4-853.7)       | 0.3 (0.2-0.8) |
| Southern Latin America       | 1050.2 (915-1188.3)       | 4.3 (3.7-4.9) |
| Southern Sub-Saharan Africa  | 213.1 (129.9-261.6)       | 1.4 (0.8-1.8) |
| Tropical Latin America       | 1166.8 (1098.6-1209.3)    | 2.5 (2.3-2.6) |
| Western Europe               | 19884.4 (17586.5-21184.7) | 5.1 (4.5-5.4) |
| Western Sub-Saharan Africa   | 799.5 (447.1-1164.7)      | 2.1 (1.2-3.2) |

\* ASDR: Age-Standardized Death Rates

| <b>2021</b>                 |               | <b>1990-2021</b>       |
|-----------------------------|---------------|------------------------|
| <b>Death</b>                | <b>ASDR</b>   | <b>EAPC</b>            |
| 106463.3 (86729.1-118494.4) | 2.2 (1.8-2.5) | -0.142 (-0.246--0.037) |
|                             |               |                        |
| 3427.3 (2136.8-4722.6)      | 1.6 (1-2.2)   | -0.112 (-0.212--0.012) |
| 8436.8 (6201.5-10728.3)     | 1.3 (0.9-1.6) | 0.236 (0.172-0.3)      |
| 9361.4 (7647.5-11734.4)     | 0.7 (0.6-0.9) | -0.389 (-0.459--0.319) |
| 18313 (14979.1-20290.9)     | 1.6 (1.3-1.7) | 0.895 (0.715-1.076)    |
| 66793.8 (50829.1-75506.5)   | 3.8 (3-4.3)   | -0.267 (-0.374--0.16)  |
|                             |               |                        |
| 212.5 (160.9-260.8)         | 0.7 (0.5-0.8) | -1.103 (-1.321--0.885) |
| 1249.6 (968.9-1417.1)       | 3.2 (2.5-3.6) | -0.506 (-0.706--0.305) |
| 372 (316.1-432.5)           | 1.3 (1.1-1.5) | -0.026 (-0.171-0.12)   |
| 261.3 (230.5-293.6)         | 0.6 (0.6-0.7) | 4.509 (3.99-5.031)     |
| 5284.9 (4648.7-5789)        | 3.5 (3.1-3.8) | 3.223 (3.003-3.444)    |
| 1579.2 (1380.6-1781.2)      | 1.2 (1-1.3)   | -0.92 (-1.34--0.499)   |
| 528.1 (320.5-842.2)         | 2.3 (1.4-3.8) | 0.067 (0.014-0.119)    |
| 1424.6 (1054.8-2026.8)      | 0.1 (0.1-0.2) | -1.96 (-2.323--1.596)  |
| 1715.8 (1533.1-1865.1)      | 0.7 (0.7-0.8) | 4.827 (4.465-5.19)     |
| 1156 (764.5-1746.6)         | 1.5 (1-2.4)   | -0.657 (-0.74--0.575)  |
| 16331.1 (11060-19459.3)     | 3 (2.1-3.6)   | -1.555 (-1.935--1.174) |
| 18347.8 (14274.5-20435.2)   | 3.9 (3.1-4.3) | 0.349 (0.003-0.696)    |
| 3983.4 (2892.3-5294.7)      | 2 (1.4-2.6)   | -0.638 (-0.701--0.574) |
| 36.7 (22.5-64.4)            | 1 (0.7-1.8)   | -0.864 (-0.967--0.761) |
| 8606.6 (5805.3-11003.4)     | 1.3 (0.9-1.7) | 0.497 (0.426-0.568)    |
| 1011.2 (696.3-2252)         | 0.4 (0.2-0.8) | 0.175 (0.038-0.312)    |
| 1761.8 (1494.7-1957.6)      | 3.1 (2.6-3.4) | -0.538 (-0.679--0.396) |
| 429.4 (288.1-556.9)         | 1.5 (1-2)     | 0.206 (0.035-0.378)    |
| 2976.9 (2586.1-3219.6)      | 2.1 (1.8-2.3) | -0.769 (-0.89--0.647)  |
| 37842 (29554.3-42546.3)     | 4.6 (3.7-5.2) | -0.087 (-0.152--0.022) |
| 1352.5 (780.4-2068.4)       | 1.6 (1-2.6)   | -0.754 (-0.891--0.616) |

**Supplementary Materials S2. YLDs data for women with NRVHD from 1990 to 2021.**

| <b>Location</b>              | <b>1990</b>                |                | <b>2021</b>                 |
|------------------------------|----------------------------|----------------|-----------------------------|
|                              | <b>YLDS</b>                | <b>ASYLDSR</b> | <b>YLDS</b>                 |
| <b>Global</b>                | 73185.6 (41893.7-127257.7) | 3.8 (2.2-6.5)  | 167545.5 (96701.5-287911.5) |
| <b>SDI</b>                   |                            |                |                             |
| Low SDI                      | 439.6 (231.9-774.2)        | 0.5 (0.3-0.9)  | 1171.3 (630-2084.3)         |
| Low-middle SDI               | 2168.9 (1161.4-3779.7)     | 1 (0.5-1.6)    | 6738.1 (3724.2-11701.9)     |
| Middle SDI                   | 5719 (3097.4-9656.8)       | 1.4 (0.8-2.3)  | 19979.9 (11214.2-34230.6)   |
| High-middle SDI              | 20027.8 (11137.9-34707.5)  | 3.8 (2.1-6.5)  | 46022.2 (26453.5-79129.9)   |
| High SDI                     | 44740.9 (25722.4-77634.6)  | 6.2 (3.5-10.7) | 93436.9 (53476.1-158186.6)  |
| <b>GBD Region</b>            |                            |                |                             |
| Andean Latin America         | 91.5 (48.4-158.5)          | 1 (0.5-1.7)    | 455.6 (247.5-783.8)         |
| Australasia                  | 593.5 (336.1-1033.4)       | 4.1 (2.4-7.2)  | 1572.6 (894.5-2617.2)       |
| Caribbean                    | 145.4 (79.5-249.8)         | 1.1 (0.6-2)    | 448.7 (254.7-772.9)         |
| Central Asia                 | 1101.9 (601.9-1903.2)      | 4.1 (2.3-7.1)  | 2260 (1284.8-3767.3)        |
| Central Europe               | 4012.3 (2164.4-6999.7)     | 4.7 (2.6-8.1)  | 9293.1 (5275.3-15671.4)     |
| Central Latin America        | 545.8 (289.2-964.5)        | 1.5 (0.8-2.6)  | 2634.1 (1467.3-4614.2)      |
| Central Sub-Saharan Africa   | 31.2 (15.8-58.1)           | 0.4 (0.2-0.7)  | 83.6 (45.4-154.5)           |
| East Asia                    | 5405 (3001.1-9041.3)       | 1.6 (0.9-2.6)  | 17404.5 (9731.2-29942.8)    |
| Eastern Europe               | 6889.5 (3834.8-12127.4)    | 3.7 (2.1-6.5)  | 11948.4 (6664.5-20805.3)    |
| Eastern Sub-Saharan Africa   | 7546.1 (4215.6-13252.1)    | 6.6 (3.7-11.6) | 23887.1 (13526.7-40678.5)   |
| High-income Asia Pacific     | 20861.2 (11930.9-36382.7)  | 8.7 (4.9-15.3) | 37542 (21931.8-63059.8)     |
| High-income North America    | 994.2 (529-1724.4)         | 1.5 (0.8-2.5)  | 2900.3 (1638.7-4955.4)      |
| North Africa and Middle East | 994.2 (529-1724.4)         | 1.5 (0.8-2.5)  | 2900.3 (1638.7-4955.4)      |
| Oceania                      | 9.7 (5.3-17.8)             | 1.1 (0.6-1.9)  | 27.9 (15.2-47.9)            |
| South Asia                   | 1557.8 (837-2711.2)        | 0.8 (0.4-1.3)  | 5582.3 (3077.6-9789.9)      |
| Southeast Asia               | 1176.2 (653.2-1997.1)      | 1.1 (0.6-1.9)  | 3948.2 (2258.4-6603.8)      |
| Southern Latin America       | 841.4 (474.6-1391.5)       | 3.3 (1.9-5.4)  | 2671.6 (1558.7-4609)        |
| Southern Sub-Saharan Africa  | 56.8 (29.5-103.2)          | 0.4 (0.2-0.7)  | 128.3 (69-235.4)            |
| Tropical Latin America       | 691 (368.1-1198)           | 1.7 (0.9-2.9)  | 2992.9 (1615.7-5262.2)      |
| Western Europe               | 20431 (11832.6-34962.2)    | 5.1 (2.9-8.7)  | 41260.2 (23341.6-69317.8)   |
| Western Sub-Saharan Africa   | 99.6 (52.9-179.2)          | 0.3 (0.1-0.5)  | 247.4 (132-438.7)           |

\* ASYLDSR: Age-Standardized YLDS Rates

|                |                       |
|----------------|-----------------------|
|                | <b>1990-2021</b>      |
| <b>ASYLDSR</b> | <b>EAPC</b>           |
| 3.6 (2.1-6.1)  | -0.038 (-0.099-0.023) |
|                |                       |
| 0.6 (0.3-1)    | 0.31 (0.249-0.372)    |
| 1.1 (0.6-1.8)  | 0.348 (0.288-0.407)   |
| 1.5 (0.9-2.6)  | 0.54 (0.481-0.598)    |
| 4 (2.3-6.8)    | 0.392 (0.293-0.491)   |
| 6.5 (3.6-11.2) | 0.312 (0.256-0.368)   |
|                |                       |
| 1.5 (0.8-2.6)  | 1.34 (1.287-1.393)    |
| 4.5 (2.6-7.7)  | 0.381 (0.308-0.454)   |
| 1.5 (0.8-2.6)  | 0.854 (0.801-0.907)   |
| 5.8 (3.3-9.6)  | 1.451 (1.22-1.682)    |
| 6.2 (3.5-10.6) | 1.318 (1.038-1.599)   |
| 2 (1.1-3.5)    | 1.276 (1.12-1.433)    |
| 0.4 (0.2-0.7)  | 0.059 (-0.052-0.171)  |
| 1.6 (0.9-2.7)  | 0.178 (0.091-0.266)   |
| 4.8 (2.7-8.4)  | 1.096 (0.976-1.217)   |
| 6.5 (3.6-11.5) | 0.02 (-0.078-0.118)   |
| 8.9 (5.1-15.2) | 0.286 (0.205-0.367)   |
| 1.5 (0.9-2.6)  | 0.352 (0.256-0.447)   |
| 1.5 (0.9-2.6)  | 0.161 (0.132-0.19)    |
| 1.2 (0.7-2)    | 0.354 (0.295-0.412)   |
| 0.9 (0.5-1.5)  | 0.493 (0.425-0.561)   |
| 1.3 (0.8-2.2)  | 1.095 (0.851-1.34)    |
| 4.8 (2.8-8.2)  | 0.031 (-0.033-0.095)  |
| 0.4 (0.2-0.8)  | 0.145 (0.114-0.175)   |
| 2.1 (1.1-3.7)  | 0.764 (0.646-0.882)   |
| 6.1 (3.4-10.4) | 0.776 (0.645-0.907)   |
| 0.3 (0.2-0.5)  | 0.372 (0.346-0.398)   |

**Supplementary Materials S3. YLLs data for women with NRVHD from 1990 to 2021.**

| <b>Location</b>              | <b>1990</b>                  |                  | <b>2021</b>                     |
|------------------------------|------------------------------|------------------|---------------------------------|
|                              | <b>YLLS</b>                  | <b>ASYLLSR</b>   | <b>YLLS</b>                     |
| <b>Global</b>                | 859747.6 (762759.4-962895.3) | 42.5 (37.9-47.1) | 1513846.2 (1299392.2-1697032.2) |
| <b>SDI</b>                   |                              |                  |                                 |
| Low SDI                      | 44970.4 (22952.9-67765.7)    | 35.3 (19.6-51.5) | 94074.7 (60485.9-126963.1)      |
| Low-middle SDI               | 87701.8 (56231.5-126634.3)   | 26 (17.6-36.6)   | 204456 (151676.8-263421.8)      |
| Middle SDI                   | 103864.9 (85854-127365.7)    | 17.6 (14.5-21.5) | 207222.5 (174428.4-259915.7)    |
| High-middle SDI              | 134303.9 (119642.6-147777.5) | 25.1 (22.3-27.6) | 255798.1 (217310.7-282435)      |
| High SDI                     | 488007.2 (440108.7-513711.1) | 72 (65.6-75.6)   | 750249.9 (599142.1-833239.2)    |
| <b>GBD Region</b>            |                              |                  |                                 |
| Andean Latin America         | 3003.3 (2305.9-3640.8)       | 23.1 (17.9-27.9) | 5354.5 (4021.9-6703.2)          |
| Australasia                  | 8755 (7858.3-9361.6)         | 64.4 (58.1-68.7) | 14391.8 (11530.5-16075.4)       |
| Caribbean                    | 4667.7 (3817-5670.5)         | 31.7 (26.4-37.9) | 8772.6 (7195.9-10557.2)         |
| Central Asia                 | 1123.8 (965.1-1274.5)        | 3.8 (3.2-4.3)    | 5762 (5092.2-6420.1)            |
| Central Europe               | 24359.1 (22381.3-28107.3)    | 28.9 (26.6-33.3) | 78254.4 (69744-85471.6)         |
| Central Latin America        | 14359.9 (13889.9-14856.8)    | 29.3 (28.2-30.4) | 35985.7 (31666-40759.3)         |
| Central Sub-Saharan Africa   | 5545.9 (2953.6-8181.5)       | 44.9 (25.1-66.5) | 13807.2 (8310-21805.4)          |
| East Asia                    | 23594.5 (15037.4-31871.5)    | 5.2 (3.4-6.9)    | 26183.1 (19744.5-39235.1)       |
| Eastern Europe               | 5994.8 (5728.7-6235.6)       | 3.6 (3.5-3.8)    | 31480.4 (28375.7-34441)         |
| Eastern Sub-Saharan Africa   | 18975.7 (9681.9-28695.8)     | 39.9 (21.9-60.4) | 33666.9 (22756-48781)           |
| High-income Asia Pacific     | 85411.9 (76633.1-90500.4)    | 77.7 (69.1-82.6) | 159636 (111096.7-188455.9)      |
| High-income North America    | 152333 (134794.3-161388.5)   | 69.7 (62.7-73.4) | 218411.8 (179676.7-238009.3)    |
| North Africa and Middle East | 64091.3 (41174.9-87643.3)    | 63.6 (42-85.5)   | 109038.9 (80980.1-145565.2)     |
| Oceania                      | 707.3 (363.7-1344.7)         | 32.8 (19.4-55.7) | 1590.9 (903.4-2825.1)           |
| South Asia                   | 67577.4 (38467.8-107821.4)   | 23.3 (13.5-35.2) | 194797.6 (131827.4-254202.1)    |
| Southeast Asia               | 9005.2 (5852.5-22923.4)      | 6.1 (4.1-15.5)   | 20499.5 (14405.7-47679)         |
| Southern Latin America       | 17614.5 (15736.9-19729.1)    | 70 (62.5-78.4)   | 24735.5 (21717.5-27171.6)       |
| Southern Sub-Saharan Africa  | 6688.9 (4192.8-7990.8)       | 34.3 (21.3-41.2) | 10455.7 (7451.5-13808.9)        |
| Tropical Latin America       | 33786.8 (32635.6-34654.8)    | 61.1 (58.3-62.9) | 62311.6 (56332.3-66139.7)       |
| Western Europe               | 292036.6 (265653-307847.4)   | 80.1 (73.7-84.1) | 423512.4 (341094.9-471382.3)    |

|                            |                         |                  |                           |
|----------------------------|-------------------------|------------------|---------------------------|
| Western Sub-Saharan Africa | 20115 (11122.5-28757.3) | 42.5 (23.8-61.9) | 35197.6 (19839.6-52582.3) |
|----------------------------|-------------------------|------------------|---------------------------|

\* ASYLLSR: Age-Standardized YLLS Rates

|                  |                        |
|------------------|------------------------|
|                  |                        |
|                  | <b>1990-2021</b>       |
| <b>ASYLLSR</b>   | <b>EAPC</b>            |
| 32.8 (28.2-36.8) | -0.638 (-0.71--0.566)  |
|                  |                        |
| 32.1 (19.8-44.3) | -0.344 (-0.423--0.265) |
| 26.6 (19.9-34.1) | 0.056 (0.009-0.103)    |
| 15.2 (12.7-19.1) | -0.714 (-0.803--0.625) |
| 23.3 (20-25.8)   | 0.144 (0.008-0.281)    |
| 50.3 (41.8-54.9) | -0.943 (-1.043--0.843) |
|                  |                        |
| 16.7 (12.6-21)   | -1.37 (-1.596--1.143)  |
| 41.4 (34.1-45.7) | -1.045 (-1.25--0.84)   |
| 31.8 (25.8-38.5) | -0.033 (-0.165-0.099)  |
| 12.9 (11.4-14.4) | 3.758 (3.312-4.206)    |
| 57.4 (51.4-62.7) | 2.568 (2.364-2.772)    |
| 26.5 (23.3-29.9) | -0.996 (-1.407--0.582) |
|                  |                        |
| 44.9 (27.1-71.5) | -0.062 (-0.109--0.015) |
| 2.5 (1.9-3.8)    | -2.336 (-2.648--2.023) |
| 15.4 (13.9-16.9) | 4.731 (4.435-5.029)    |
| 31 (20.5-46.6)   | -0.907 (-1.002--0.812) |
|                  |                        |
| 34.9 (26.1-40.2) | -2.57 (-2.978--2.161)  |
|                  |                        |
| 52.3 (44.5-56.3) | -0.418 (-0.732--0.104) |
|                  |                        |
| 44.9 (33.2-59.7) | -0.949 (-1.006--0.892) |
|                  |                        |
| 28.7 (17.4-49.9) | -0.49 (-0.579--0.402)  |
| 26 (17.6-33.7)   | 0.327 (0.28-0.375)     |
| 6.3 (4.4-14.3)   | -0.143 (-0.268--0.018) |
|                  |                        |
| 46.6 (41.4-50.8) | -0.823 (-0.953--0.692) |
|                  |                        |
| 30.8 (21.4-40.4) | -0.469 (-0.698--0.239) |
|                  |                        |
| 44.6 (40.4-47.3) | -1.409 (-1.58--1.238)  |
|                  |                        |
| 60.4 (50.2-66.1) | -0.759 (-0.823--0.694) |

|                  |                        |
|------------------|------------------------|
| 31.1 (17.9-47.6) | -0.918 (-1.064--0.772) |
|------------------|------------------------|

Supplementary Materials S4. Epidemiological data of female NRVHD from 1990 to 2021 across 204 countries

|                                  | 1990                        |                                |                          |                          |
|----------------------------------|-----------------------------|--------------------------------|--------------------------|--------------------------|
| Location                         | Incidence                   | Prevalence                     | Deaths                   | YLDs                     |
| Afghanistan                      | 239.6 (207.0 – 281.0)       | 2237.2 (1881.6 – 2706.9)       | 61.8 (27.9 – 118.0)      | 27.8 (14.5 – 52.3)       |
| Albania                          | 225.7 (193.1 – 266.1)       | 2928.3 (2467.7 – 3470.5)       | 14.1 (9.3 – 21.8)        | 41.5 (22.7 – 72.4)       |
| Algeria                          | 640.9 (560.6 – 730.9)       | 6674.0 (5732.1 – 7740.7)       | 115.7 (72.0 – 165.7)     | 84.5 (43.1 – 146.8)      |
| American Samoa                   | 0.8 (0.7 – 0.9)             | 8.2 (6.9 – 9.7)                | 0.1 (0.1 – 0.2)          | 0.1 (0.1 – 0.2)          |
| Andorra                          | 6.2 (5.3 – 7.2)             | 66.9 (57.1 – 78.4)             | 0.9 (0.6 – 1.3)          | 0.9 (0.5 – 1.5)          |
| Angola                           | 60.3 (53.1 – 68.7)          | 461.9 (388.2 – 550.9)          | 34.5 (18.4 – 54.8)       | 5.1 (2.6 – 9.4)          |
| Antigua and Barbuda              | 1.6 (1.4 – 1.8)             | 23.8 (19.9 – 27.8)             | 0.3 (0.3 – 0.4)          | 0.4 (0.2 – 0.7)          |
| Argentina                        | 3566.4 (3099.5 – 4099.5)    | 37372.1 (31880.2 – 43277.1)    | 844.5 (726.5 – 973.5)    | 604.9 (333.2 – 994.8)    |
| Armenia                          | 251.6 (207.6 – 306.3)       | 3318.1 (2734.3 – 3998.2)       | 4.1 (3.3 – 5.0)          | 46.5 (24.7 – 81.5)       |
| Australia                        | 2830.2 (2427.1 – 3244.2)    | 31016.7 (26289.2 – 35579.5)    | 460.4 (402.7 – 502.9)    | 469.2 (262.1 – 809.9)    |
| Austria                          | 3440.6 (3003.4 – 4111.1)    | 50581.7 (44209.1 – 61273.2)    | 319.5 (285.2 – 346.2)    | 775.1 (427.7 – 1365.3)   |
| Azerbaijan                       | 553.1 (455.8 – 672.8)       | 7474.5 (6189.5 – 9036.4)       | 2.6 (1.8 – 3.7)          | 111.9 (62.8 – 200.4)     |
| Bahamas                          | 5.8 (4.9 – 6.7)             | 73.1 (61.5 – 87.5)             | 0.9 (0.8 – 1.0)          | 1.0 (0.5 – 1.7)          |
| Bahrain                          | 8.8 (7.6 – 9.9)             | 83.6 (70.7 – 96.3)             | 1.9 (1.4 – 2.6)          | 0.9 (0.4 – 1.6)          |
| Bangladesh                       | 946.1 (802.9 – 1091.2)      | 9098.5 (7443.5 – 10791.2)      | 227.6 (115.7 – 372.1)    | 126.4 (67.3 – 220.4)     |
| Barbados                         | 9.9 (8.4 – 11.5)            | 153.8 (129.0 – 181.4)          | 1.6 (1.4 – 1.9)          | 2.5 (1.3 – 4.2)          |
| Belarus                          | 1514.8 (1258.6 – 1811.1)    | 21940.4 (18257.5 – 25987.7)    | 2.8 (2.3 – 3.3)          | 331.8 (184.8 – 583.0)    |
| Belgium                          | 2101.3 (1800.0 – 2444.2)    | 23291.2 (19418.4 – 27641.9)    | 850.6 (709.7 – 950.6)    | 368.7 (206.3 – 639.6)    |
| Belize                           | 2.3 (2.0 – 2.7)             | 31.0 (25.9 – 36.1)             | 0.3 (0.3 – 0.4)          | 0.5 (0.2 – 0.8)          |
| Benin                            | 23.0 (20.1 – 26.1)          | 200.3 (168.0 – 239.0)          | 12.1 (6.4 – 19.0)        | 2.4 (1.2 – 4.2)          |
| Bermuda                          | 5.2 (3.7 – 6.4)             | 68.3 (50.4 – 85.7)             | 1.5 (1.3 – 1.7)          | 0.9 (0.5 – 1.7)          |
| Bhutan                           | 5.5 (4.7 – 6.4)             | 51.9 (43.0 – 62.0)             | 1.1 (0.5 – 1.9)          | 0.7 (0.3 – 1.3)          |
| Bolivia (Plurinational State of) | 98.4 (85.8 – 113.1)         | 1124.8 (960.7 – 1329.2)        | 22.6 (11.4 – 34.2)       | 14.1 (7.3 – 26.3)        |
| Bosnia and Herzegovina           | 573.0 (491.3 – 670.8)       | 6816.5 (5760.1 – 7948.7)       | 45.6 (29.5 – 70.8)       | 88.4 (47.6 – 152.3)      |
| Botswana                         | 9.0 (7.8 – 10.2)            | 87.4 (72.1 – 103.5)            | 3.9 (2.4 – 5.7)          | 0.9 (0.5 – 1.8)          |
| Brazil                           | 4995.0 (4420.3 – 5688.1)    | 56259.8 (49645.1 – 64300.1)    | 1142.8 (1078.4 – 1186.2) | 674.0 (357.7 – 1168.3)   |
| Brunei Darussalam                | 17.2 (14.7 – 20.3)          | 193.8 (165.0 – 228.4)          | 1.7 (1.2 – 2.5)          | 2.8 (1.5 – 4.9)          |
| Bulgaria                         | 1454.8 (1203.8 – 1744.2)    | 20001.1 (16749.2 – 23596.7)    | 24.6 (21.2 – 28.2)       | 263.8 (145.1 – 470.4)    |
| Burkina Faso                     | 46.3 (39.8 – 52.6)          | 401.6 (327.1 – 479.0)          | 30.3 (13.6 – 47.4)       | 4.5 (2.3 – 8.2)          |
| Burundi                          | 42.3 (37.7 – 47.3)          | 323.6 (271.9 – 382.4)          | 25.9 (13.3 – 44.5)       | 3.9 (2.0 – 7.3)          |
| Cabo Verde                       | 2.6 (2.3 – 2.9)             | 28.0 (23.5 – 33.1)             | 1.9 (0.9 – 3.9)          | 0.4 (0.2 – 0.7)          |
| Cambodia                         | 121.1 (99.7 – 147.5)        | 1244.7 (1005.2 – 1542.3)       | 4.2 (1.6 – 15.8)         | 17.6 (8.5 – 30.8)        |
| Cameroon                         | 58.6 (51.4 – 66.8)          | 512.2 (421.7 – 606.5)          | 43.6 (23.3 – 67.9)       | 5.6 (2.8 – 9.9)          |
| Canada                           | 6977.7 (5958.3 – 8177.1)    | 88845.5 (76472.0 – 104923.2)   | 616.7 (544.5 – 669.9)    | 1242.1 (693.6 – 2130.3)  |
| Central African Republic         | 18.7 (16.4 – 21.3)          | 133.1 (109.6 – 160.0)          | 11.4 (6.0 – 18.4)        | 1.5 (0.7 – 2.8)          |
| Chad                             | 28.9 (25.3 – 32.8)          | 244.6 (202.1 – 292.1)          | 21.3 (9.4 – 35.7)        | 3.0 (1.6 – 5.5)          |
| Chile                            | 867.6 (741.0 – 996.7)       | 10125.7 (8637.3 – 11743.3)     | 92.1 (84.7 – 98.7)       | 152.4 (85.9 – 263.7)     |
| China                            | 31854.9 (29802.0 – 34295.6) | 342956.7 (319757.3 – 369244.1) | 721.5 (412.5 – 992.4)    | 5146.5 (2841.9 – 8593.1) |
| Colombia                         | 921.4 (800.9 – 1062.2)      | 10718.8 (9090.4 – 12525.3)     | 206.1 (194.1 – 217.0)    | 136.5 (71.8 – 237.3)     |
| Comoros                          | 3.2 (2.8 – 3.6)             | 26.1 (21.8 – 31.6)             | 1.8 (0.9 – 2.8)          | 0.3 (0.2 – 0.6)          |
| Congo                            | 20.4 (18.0 – 22.9)          | 160.6 (133.6 – 191.1)          | 14.0 (7.6 – 21.4)        | 1.9 (1.0 – 3.6)          |
| Cook Islands                     | 0.3 (0.3 – 0.4)             | 4.1 (3.4 – 4.8)                | 0.1 (0.1 – 0.1)          | 0.1 (0.0 – 0.1)          |
| Costa Rica                       | 83.8 (72.0 – 96.7)          | 1065.9 (902.9 – 1246.7)        | 11.0 (9.8 – 12.2)        | 14.4 (7.7 – 25.4)        |
| Croatia                          | 1041.5 (883.1 – 1215.9)     | 14056.2 (11839.7 – 16341.8)    | 79.3 (70.6 – 89.6)       | 180.4 (94.3 – 309.4)     |
| Cuba                             | 308.6 (264.9 – 352.6)       | 4309.3 (3639.8 – 4996.2)       | 57.8 (51.1 – 61.9)       | 55.8 (29.7 – 99.5)       |
| Cyprus                           | 156.1 (123.5 – 191.2)       | 1273.5 (1026.8 – 1577.6)       | 53.6 (33.2 – 81.3)       | 19.1 (9.8 – 33.7)        |

|                                              |                             |                                |                          |                           |
|----------------------------------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|
| <b>Czechia</b>                               | 1845.0 (1536.7 – 2160.3)    | 29313.0 (24573.1 – 33849.9)    | 68.1 (62.9 – 73.6)       | 415.3 (233.2 – 709.7)     |
| <b>Côte d'Ivoire</b>                         | 45.8 (39.4 – 52.8)          | 387.1 (314.4 – 466.3)          | 25.3 (13.0 – 40.3)       | 3.7 (1.9 – 6.9)           |
| <b>Democratic People's Republic of Korea</b> | 703.9 (571.2 – 864.6)       | 7375.4 (5972.5 – 9069.2)       | 23.6 (12.0 – 67.8)       | 115.6 (62.0 – 206.5)      |
| <b>Democratic Republic of the Congo</b>      | 245.4 (214.6 – 277.2)       | 1903.6 (1573.0 – 2292.2)       | 125.0 (67.8 – 192.7)     | 21.0 (10.6 – 39.3)        |
| <b>Denmark</b>                               | 1048.9 (896.7 – 1239.1)     | 13295.5 (11390.3 – 15504.0)    | 199.6 (175.5 – 221.4)    | 216.6 (121.1 – 369.9)     |
| <b>Djibouti</b>                              | 2.1 (1.8 – 2.3)             | 16.5 (13.7 – 19.7)             | 1.1 (0.6 – 1.6)          | 0.2 (0.1 – 0.3)           |
| <b>Dominica</b>                              | 1.6 (1.3 – 1.9)             | 22.8 (18.8 – 27.1)             | 0.1 (0.1 – 0.2)          | 0.3 (0.2 – 0.6)           |
| <b>Dominican Republic</b>                    | 98.5 (84.1 – 114.5)         | 1170.0 (971.4 – 1379.3)        | 15.8 (10.4 – 19.9)       | 14.4 (7.3 – 25.2)         |
| <b>Ecuador</b>                               | 168.4 (144.1 – 195.5)       | 2089.9 (1747.9 – 2469.6)       | 40.2 (35.8 – 43.7)       | 27.4 (14.2 – 47.4)        |
| <b>Egypt</b>                                 | 1253.2 (1104.4 – 1431.0)    | 11730.5 (10039.2 – 13731.7)    | 316.2 (214.2 – 441.1)    | 133.8 (67.4 – 239.6)      |
| <b>El Salvador</b>                           | 86.1 (72.2 – 103.1)         | 1110.6 (929.4 – 1332.2)        | 3.5 (2.4 – 4.7)          | 15.7 (8.7 – 28.4)         |
| <b>Equatorial Guinea</b>                     | 3.2 (2.8 – 3.6)             | 25.1 (21.1 – 29.9)             | 2.0 (1.0 – 3.2)          | 0.3 (0.1 – 0.5)           |
| <b>Eritrea</b>                               | 19.4 (16.9 – 22.0)          | 142.2 (118.4 – 170.3)          | 11.3 (5.5 – 18.3)        | 1.4 (0.7 – 2.7)           |
| <b>Estonia</b>                               | 295.1 (246.5 – 346.3)       | 4357.3 (3681.7 – 5055.0)       | 11.9 (10.5 – 13.6)       | 67.6 (36.5 – 113.2)       |
| <b>Eswatini</b>                              | 5.0 (4.4 – 5.6)             | 46.2 (38.4 – 54.5)             | 2.2 (1.4 – 3.1)          | 0.5 (0.3 – 0.9)           |
| <b>Ethiopia</b>                              | 279.7 (253.5 – 306.0)       | 2033.8 (1804.2 – 2278.3)       | 139.6 (63.5 – 236.3)     | 21.5 (10.8 – 39.8)        |
| <b>Fiji</b>                                  | 9.9 (8.3 – 11.9)            | 101.1 (82.9 – 122.8)           | 0.6 (0.4 – 0.8)          | 1.4 (0.7 – 2.5)           |
| <b>Finland</b>                               | 1888.5 (1544.0 – 2688.0)    | 23848.6 (19333.1 – 33778.5)    | 270.3 (221.9 – 321.2)    | 386.0 (212.6 – 687.1)     |
| <b>France</b>                                | 12964.2 (10993.2 – 15117.2) | 153360.4 (127754.9 – 179924.9) | 3828.7 (3344.0 – 4173.4) | 2565.1 (1481.1 – 4270.0)  |
| <b>Gabon</b>                                 | 11.8 (10.5 – 13.2)          | 102.2 (85.9 – 121.8)           | 7.2 (4.3 – 10.6)         | 1.3 (0.7 – 2.5)           |
| <b>Gambia</b>                                | 3.6 (3.1 – 4.2)             | 30.8 (25.4 – 36.8)             | 2.7 (1.2 – 4.4)          | 0.4 (0.2 – 0.6)           |
| <b>Georgia</b>                               | 920.7 (757.0 – 1121.4)      | 13196.6 (10826.0 – 16064.9)    | 5.7 (4.7 – 6.6)          | 197.9 (110.9 – 344.4)     |
| <b>Germany</b>                               | 22324.4 (19605.4 – 25219.4) | 274267.6 (234883.0 – 319992.2) | 5919.0 (5135.9 – 6544.1) | 4408.3 (2529.1 – 7350.0)  |
| <b>Ghana</b>                                 | 81.1 (70.9 – 92.1)          | 707.5 (586.9 – 848.7)          | 72.4 (41.7 – 101.9)      | 7.8 (4.2 – 14.0)          |
| <b>Greece</b>                                | 1664.4 (1455.9 – 1877.9)    | 18859.3 (16158.9 – 21572.7)    | 337.6 (296.4 – 363.9)    | 262.4 (142.5 – 467.0)     |
| <b>Greenland</b>                             | 8.1 (6.9 – 9.4)             | 82.6 (69.8 – 95.9)             | 0.9 (0.4 – 1.3)          | 1.2 (0.7 – 2.0)           |
| <b>Grenada</b>                               | 1.8 (1.5 – 2.1)             | 26.7 (22.6 – 31.3)             | 0.3 (0.3 – 0.4)          | 0.4 (0.2 – 0.8)           |
| <b>Guam</b>                                  | 3.3 (2.7 – 3.9)             | 33.0 (27.6 – 39.4)             | 0.9 (0.6 – 1.2)          | 0.4 (0.2 – 0.8)           |
| <b>Guatemala</b>                             | 99.5 (84.1 – 115.6)         | 1084.2 (905.1 – 1283.2)        | 8.4 (6.3 – 10.5)         | 13.3 (6.8 – 24.1)         |
| <b>Guinea</b>                                | 38.2 (33.7 – 43.0)          | 325.7 (269.2 – 388.5)          | 27.5 (12.9 – 44.2)       | 3.9 (2.1 – 7.2)           |
| <b>Guinea-Bissau</b>                         | 4.8 (4.2 – 5.4)             | 38.3 (31.4 – 46.2)             | 4.1 (2.1 – 6.4)          | 0.4 (0.2 – 0.7)           |
| <b>Guyana</b>                                | 14.7 (12.9 – 16.6)          | 161.8 (137.7 – 187.2)          | 4.1 (3.4 – 4.8)          | 2.0 (1.1 – 3.5)           |
| <b>Haiti</b>                                 | 91.3 (79.2 – 104.4)         | 931.2 (772.2 – 1092.0)         | 32.6 (16.3 – 54.5)       | 11.0 (5.5 – 20.4)         |
| <b>Honduras</b>                              | 59.7 (50.7 – 70.2)          | 686.4 (572.3 – 820.4)          | 10.9 (6.2 – 14.9)        | 9.1 (4.9 – 16.1)          |
| <b>Hungary</b>                               | 2901.2 (2458.6 – 3355.8)    | 43094.0 (36965.9 – 49609.5)    | 286.6 (260.1 – 311.0)    | 599.4 (324.8 – 1022.0)    |
| <b>Iceland</b>                               | 42.7 (36.5 – 50.7)          | 520.3 (433.6 – 631.9)          | 8.5 (7.1 – 9.4)          | 7.6 (4.2 – 13.3)          |
| <b>India</b>                                 | 10398.6 (9569.4 – 11197.8)  | 95401.6 (86475.5 – 104801.2)   | 1968.7 (1166.6 – 2960.8) | 1238.1 (666.5 – 2158.0)   |
| <b>Indonesia</b>                             | 2662.2 (2458.0 – 2888.4)    | 26853.7 (24639.6 – 29398.8)    | 100.8 (41.8 – 369.2)     | 382.9 (211.6 – 671.9)     |
| <b>Iran (Islamic Republic of)</b>            | 1015.4 (941.3 – 1094.5)     | 10223.9 (9319.7 – 11215.9)     | 193.8 (139.2 – 249.4)    | 117.3 (62.7 – 203.9)      |
| <b>Iraq</b>                                  | 257.0 (222.0 – 300.3)       | 2981.8 (2532.5 – 3522.6)       | 53.3 (37.6 – 75.3)       | 42.3 (22.8 – 75.6)        |
| <b>Ireland</b>                               | 500.8 (439.7 – 576.6)       | 5931.5 (5072.1 – 6850.4)       | 81.9 (73.5 – 88.6)       | 87.8 (49.3 – 151.9)       |
| <b>Israel</b>                                | 578.3 (508.6 – 644.5)       | 5672.2 (4902.4 – 6410.0)       | 156.9 (138.7 – 173.1)    | 86.1 (48.3 – 152.6)       |
| <b>Italy</b>                                 | 25941.7 (23857.6 – 28359.8) | 367497.1 (342059.7 – 396122.5) | 1328.9 (1188.0 – 1469.8) | 5230.8 (2958.5 – 9111.0)  |
| <b>Jamaica</b>                               | 45.2 (38.6 – 52.7)          | 653.3 (544.5 – 763.8)          | 4.0 (3.5 – 4.5)          | 9.9 (5.6 – 17.7)          |
| <b>Japan</b>                                 | 39119.9 (35047.1 – 44000.7) | 488682.0 (439135.3 – 547718.7) | 5310.4 (4556.8 – 5713.0) | 6801.5 (3773.1 – 11911.0) |
| <b>Jordan</b>                                | 48.5 (41.5 – 55.9)          | 510.3 (424.3 – 595.8)          | 9.3 (5.8 – 12.5)         | 5.7 (3.0 – 10.1)          |
| <b>Kazakhstan</b>                            | 1540.4 (1270.4 – 1860.4)    | 21183.9 (17426.8 – 25449.2)    | 11.7 (9.4 – 14.6)        | 309.9 (171.2 – 531.7)     |
| <b>Kenya</b>                                 | 120.1 (108.0 – 131.7)       | 1012.0 (899.0 – 1146.2)        | 49.7 (30.6 – 70.2)       | 13.2 (7.3 – 23.5)         |
| <b>Kiribati</b>                              | 1.2 (1.0 – 1.5)             | 12.6 (10.4 – 15.3)             | 0.8 (0.6 – 1.2)          | 0.2 (0.1 – 0.3)           |
| <b>Kuwait</b>                                | 21.8 (18.8 – 25.3)          | 239.2 (204.5 – 281.3)          | 2.6 (2.4 – 2.9)          | 2.3 (1.2 – 4.1)           |

|                                         |                          |                             |                          |                        |
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| <b>Kyrgyzstan</b>                       | 333.2 (275.9 – 407.5)    | 4657.7 (3865.1 – 5720.1)    | 1.5 (1.3 – 1.7)          | 70.6 (37.9 – 126.0)    |
| <b>Lao People's Democratic Republic</b> | 55.9 (46.0 – 68.4)       | 564.6 (459.6 – 690.3)       | 2.3 (0.8 – 9.2)          | 8.1 (4.0 – 14.4)       |
| <b>Latvia</b>                           | 484.8 (405.0 – 570.3)    | 7146.2 (6056.2 – 8289.3)    | 10.7 (9.5 – 12.2)        | 110.0 (59.6 – 183.4)   |
| <b>Lebanon</b>                          | 99.1 (86.4 – 113.3)      | 1108.0 (936.5 – 1286.3)     | 52.7 (30.0 – 83.8)       | 14.4 (7.9 – 25.9)      |
| <b>Lesotho</b>                          | 13.3 (11.7 – 15.0)       | 126.0 (103.0 – 151.2)       | 5.7 (3.4 – 8.4)          | 1.6 (0.8 – 3.0)        |
| <b>Liberia</b>                          | 11.7 (10.2 – 13.4)       | 100.5 (82.8 – 118.8)        | 8.9 (4.5 – 13.3)         | 1.2 (0.6 – 2.2)        |
| <b>Libya</b>                            | 74.8 (65.3 – 86.4)       | 847.8 (721.9 – 985.8)       | 14.9 (9.5 – 22.5)        | 11.8 (6.7 – 20.8)      |
| <b>Lithuania</b>                        | 560.7 (468.6 – 671.9)    | 8214.1 (6926.6 – 9638.2)    | 7.4 (6.5 – 8.4)          | 124.3 (70.3 – 216.4)   |
| <b>Luxembourg</b>                       | 134.0 (117.8 – 150.5)    | 1624.3 (1396.9 – 1847.6)    | 27.0 (24.4 – 29.3)       | 26.0 (15.1 – 44.2)     |
| <b>Madagascar</b>                       | 87.6 (78.2 – 97.5)       | 679.8 (574.4 – 796.1)       | 66.2 (35.7 – 99.4)       | 7.7 (4.1 – 14.1)       |
| <b>Malawi</b>                           | 58.1 (51.0 – 66.2)       | 457.1 (382.6 – 543.5)       | 23.1 (12.1 – 36.3)       | 5.5 (2.9 – 10.4)       |
| <b>Malaysia</b>                         | 302.9 (256.6 – 359.4)    | 3408.7 (2837.2 – 4088.4)    | 31.4 (17.8 – 40.0)       | 53.3 (29.0 – 90.6)     |
| <b>Maldives</b>                         | 3.2 (2.6 – 3.8)          | 27.6 (22.3 – 33.5)          | 0.3 (0.2 – 0.7)          | 0.3 (0.2 – 0.6)        |
| <b>Mali</b>                             | 37.4 (32.1 – 43.0)       | 314.7 (256.9 – 381.2)       | 31.9 (15.5 – 51.9)       | 3.3 (1.7 – 6.2)        |
| <b>Malta</b>                            | 35.9 (31.5 – 40.5)       | 403.3 (348.9 – 464.0)       | 6.5 (5.7 – 7.1)          | 5.9 (3.2 – 10.5)       |
| <b>Marshall Islands</b>                 | 0.5 (0.4 – 0.6)          | 5.4 (4.5 – 6.4)             | 0.2 (0.1 – 0.3)          | 0.1 (0.0 – 0.1)        |
| <b>Mauritania</b>                       | 12.1 (10.7 – 13.6)       | 110.4 (91.3 – 131.3)        | 11.8 (6.8 – 17.3)        | 1.3 (0.7 – 2.5)        |
| <b>Mauritius</b>                        | 27.2 (22.5 – 32.5)       | 313.6 (259.4 – 379.0)       | 5.8 (5.3 – 6.4)          | 4.7 (2.5 – 8.2)        |
| <b>Mexico</b>                           | 1772.5 (1521.3 – 2044.7) | 21203.1 (18151.5 – 24698.2) | 216.5 (208.6 – 222.2)    | 272.1 (142.7 – 485.6)  |
| <b>Micronesia (Federated States of)</b> | 1.6 (1.4 – 1.9)          | 17.9 (14.9 – 21.6)          | 0.5 (0.3 – 0.9)          | 0.3 (0.1 – 0.5)        |
| <b>Monaco</b>                           | 6.4 (5.3 – 7.7)          | 92.7 (77.6 – 108.4)         | 0.9 (0.6 – 1.4)          | 1.5 (0.8 – 2.6)        |
| <b>Mongolia</b>                         | 112.6 (91.7 – 136.3)     | 1513.7 (1242.9 – 1792.1)    | 2.6 (1.4 – 5.0)          | 22.0 (11.3 – 38.4)     |
| <b>Montenegro</b>                       | 72.5 (60.7 – 85.4)       | 1026.4 (869.9 – 1211.1)     | 3.2 (2.2 – 4.5)          | 13.3 (7.1 – 23.2)      |
| <b>Morocco</b>                          | 549.4 (481.3 – 634.2)    | 5821.8 (4993.3 – 6854.3)    | 139.1 (86.8 – 208.5)     | 77.9 (40.6 – 138.4)    |
| <b>Mozambique</b>                       | 88.0 (77.2 – 99.8)       | 674.7 (558.7 – 799.9)       | 45.2 (22.9 – 73.9)       | 8.1 (4.2 – 15.2)       |
| <b>Myanmar</b>                          | 622.2 (503.5 – 757.2)    | 6361.6 (5115.7 – 7811.2)    | 26.1 (11.4 – 89.6)       | 92.2 (46.4 – 164.4)    |
| <b>Namibia</b>                          | 10.7 (9.3 – 12.0)        | 105.1 (86.2 – 123.6)        | 4.3 (2.8 – 5.9)          | 1.2 (0.6 – 2.2)        |
| <b>Nauru</b>                            | 0.2 (0.1 – 0.2)          | 1.4 (1.1 – 1.6)             | 0.0 (0.0 – 0.1)          | 0.0 (0.0 – 0.0)        |
| <b>Nepal</b>                            | 205.7 (174.4 – 241.0)    | 1882.7 (1543.5 – 2281.5)    | 41.5 (21.8 – 67.2)       | 24.5 (12.7 – 45.4)     |
| <b>Netherlands</b>                      | 2520.5 (2199.6 – 2921.4) | 27521.7 (23324.0 – 32134.3) | 1176.3 (1010.0 – 1299.9) | 398.8 (218.5 – 704.3)  |
| <b>New Zealand</b>                      | 751.1 (642.2 – 861.9)    | 7980.0 (6952.4 – 9168.3)    | 125.4 (107.2 – 137.3)    | 124.3 (68.6 – 221.1)   |
| <b>Nicaragua</b>                        | 49.5 (42.2 – 57.5)       | 608.4 (514.1 – 720.9)       | 2.8 (2.1 – 4.0)          | 8.0 (4.2 – 13.6)       |
| <b>Niger</b>                            | 28.8 (24.9 – 33.1)       | 230.5 (190.1 – 277.2)       | 19.4 (8.4 – 34.1)        | 2.3 (1.2 – 4.2)        |
| <b>Nigeria</b>                          | 473.0 (429.5 – 516.0)    | 4187.7 (3724.0 – 4685.9)    | 435.6 (234.7 – 662.4)    | 52.6 (28.3 – 93.6)     |
| <b>Niue</b>                             | 0.1 (0.1 – 0.1)          | 1.2 (1.0 – 1.4)             | 0.0 (0.0 – 0.0)          | 0.0 (0.0 – 0.0)        |
| <b>North Macedonia</b>                  | 202.5 (170.4 – 239.7)    | 2594.4 (2194.9 – 3052.8)    | 8.6 (6.4 – 13.6)         | 34.7 (19.1 – 60.8)     |
| <b>Northern Mariana Islands</b>         | 0.7 (0.6 – 0.8)          | 6.7 (5.7 – 7.8)             | 0.2 (0.1 – 0.3)          | 0.1 (0.0 – 0.1)        |
| <b>Norway</b>                           | 2074.0 (1866.7 – 2290.3) | 26097.9 (23785.7 – 28365.1) | 379.0 (326.8 – 408.7)    | 428.8 (245.3 – 731.5)  |
| <b>Oman</b>                             | 18.5 (15.7 – 21.8)       | 212.5 (177.0 – 252.5)       | 2.3 (1.2 – 3.6)          | 2.6 (1.4 – 4.7)        |
| <b>Pakistan</b>                         | 1267.6 (1168.0 – 1377.2) | 11963.6 (10888.4 – 13224.8) | 259.5 (154.6 – 423.2)    | 168.2 (92.1 – 294.1)   |
| <b>Palau</b>                            | 0.4 (0.3 – 0.4)          | 4.1 (3.4 – 4.8)             | 0.1 (0.0 – 0.1)          | 0.1 (0.0 – 0.1)        |
| <b>Palestine</b>                        | 29.6 (25.3 – 34.4)       | 336.2 (283.3 – 395.3)       | 3.4 (2.2 – 4.9)          | 4.1 (2.2 – 7.2)        |
| <b>Panama</b>                           | 55.1 (47.7 – 63.8)       | 699.7 (595.6 – 816.5)       | 5.2 (4.7 – 5.8)          | 9.6 (5.0 – 16.9)       |
| <b>Papua New Guinea</b>                 | 43.7 (36.0 – 52.6)       | 404.0 (331.8 – 496.4)       | 10.3 (4.9 – 20.3)        | 5.1 (2.6 – 9.6)        |
| <b>Paraguay</b>                         | 103.9 (90.4 – 118.3)     | 1250.8 (1065.4 – 1441.7)    | 24.0 (17.4 – 34.9)       | 17.0 (9.3 – 29.9)      |
| <b>Peru</b>                             | 303.8 (261.0 – 352.1)    | 3817.5 (3226.8 – 4538.3)    | 34.3 (23.5 – 46.9)       | 50.0 (25.7 – 84.3)     |
| <b>Philippines</b>                      | 743.0 (683.8 – 809.3)    | 7880.1 (7206.2 – 8626.7)    | 18.5 (9.5 – 22.8)        | 112.0 (62.6 – 194.6)   |
| <b>Poland</b>                           | 3186.3 (2919.9 – 3499.7) | 48581.6 (45024.0 – 52632.3) | 146.4 (138.7 – 151.9)    | 673.3 (368.1 – 1151.1) |
| <b>Portugal</b>                         | 708.8 (623.1 – 807.8)    | 7657.6 (6624.1 – 8748.8)    | 199.5 (181.6 – 213.3)    | 116.8 (63.4 – 200.5)   |
| <b>Puerto Rico</b>                      | 179.6 (154.2 – 206.7)    | 2336.1 (1938.2 – 2726.9)    | 30.4 (28.0 – 32.8)       | 33.0 (17.7 – 56.8)     |

|                                         |                              |                                   |                           |                             |
|-----------------------------------------|------------------------------|-----------------------------------|---------------------------|-----------------------------|
| <b>Qatar</b>                            | 6.0 (5.2 – 6.9)              | 53.5 (45.4 – 62.7)                | 1.1 (0.8 – 1.6)           | 0.5 (0.3 – 0.9)             |
| <b>Republic of Korea</b>                | 4320.5 (3636.0 – 5022.0)     | 48339.1 (41084.5 – 57011.0)       | 204.2 (138.5 – 331.1)     | 683.6 (374.1 – 1207.1)      |
| <b>Republic of Moldova</b>              | 500.7 (417.9 – 604.1)        | 6423.9 (5346.6 – 7654.6)          | 2.3 (2.1 – 2.6)           | 89.3 (47.4 – 152.5)         |
| <b>Romania</b>                          | 5673.2 (4790.3 – 6727.0)     | 79051.2 (66376.0 – 93745.7)       | 162.8 (144.3 – 184.2)     | 1089.0 (568.3 – 1898.0)     |
| <b>Russian Federation</b>               | 21517.3 (19421.6 – 23593.0)  | 305379.0 (277507.1 – 336270.9)    | 227.9 (216.5 – 235.3)     | 4512.4 (2493.8 – 7940.0)    |
| <b>Rwanda</b>                           | 62.4 (55.7 – 69.7)           | 468.9 (394.9 – 556.4)             | 40.1 (23.2 – 62.3)        | 5.2 (2.6 – 9.6)             |
| <b>Saint Kitts and Nevis</b>            | 1.5 (1.3 – 1.8)              | 21.1 (17.6 – 24.6)                | 0.4 (0.3 – 0.5)           | 0.3 (0.2 – 0.5)             |
| <b>Saint Lucia</b>                      | 3.0 (2.6 – 3.5)              | 39.0 (32.6 – 45.5)                | 0.6 (0.5 – 0.7)           | 0.5 (0.3 – 0.9)             |
| <b>Saint Vincent and the Grenadines</b> | 2.2 (1.9 – 2.5)              | 28.6 (24.2 – 33.4)                | 0.4 (0.3 – 0.4)           | 0.4 (0.2 – 0.7)             |
| <b>Samoa</b>                            | 2.8 (2.4 – 3.4)              | 30.7 (25.6 – 36.8)                | 0.7 (0.4 – 1.1)           | 0.5 (0.2 – 0.8)             |
| <b>San Marino</b>                       | 4.1 (3.5 – 4.7)              | 49.3 (41.6 – 57.5)                | 0.7 (0.5 – 1.0)           | 0.7 (0.4 – 1.2)             |
| <b>Sao Tome and Principe</b>            | 0.7 (0.6 – 0.8)              | 6.7 (5.5 – 8.0)                   | 0.5 (0.3 – 0.8)           | 0.1 (0.0 – 0.2)             |
| <b>Saudi Arabia</b>                     | 217.8 (191.6 – 245.7)        | 2329.5 (1999.9 – 2695.4)          | 47.9 (32.3 – 68.5)        | 28.6 (15.3 – 49.4)          |
| <b>Senegal</b>                          | 33.0 (28.4 – 37.6)           | 294.4 (241.3 – 353.4)             | 24.7 (12.4 – 38.0)        | 3.4 (1.7 – 6.2)             |
| <b>Serbia</b>                           | 2114.0 (1814.5 – 2413.5)     | 25069.5 (21189.1 – 28838.8)       | 246.5 (185.3 – 394.4)     | 319.6 (175.4 – 553.5)       |
| <b>Seychelles</b>                       | 2.8 (2.4 – 3.3)              | 36.3 (30.3 – 44.5)                | 0.4 (0.2 – 0.5)           | 0.6 (0.3 – 1.1)             |
| <b>Sierra Leone</b>                     | 19.6 (17.2 – 22.4)           | 168.2 (138.9 – 200.6)             | 14.5 (6.8 – 22.7)         | 2.1 (1.0 – 3.7)             |
| <b>Singapore</b>                        | 346.7 (295.8 – 411.1)        | 4114.6 (3523.5 – 4832.0)          | 15.6 (14.0 – 16.8)        | 58.2 (31.3 – 101.9)         |
| <b>Slovakia</b>                         | 468.1 (389.4 – 546.7)        | 6936.1 (5777.5 – 8107.0)          | 32.7 (24.0 – 57.8)        | 96.4 (53.6 – 176.8)         |
| <b>Slovenia</b>                         | 673.5 (578.4 – 779.5)        | 9384.9 (8017.5 – 10911.3)         | 62.8 (57.2 – 68.4)        | 133.0 (73.8 – 236.5)        |
| <b>Solomon Islands</b>                  | 3.5 (3.0 – 4.2)              | 32.0 (26.7 – 39.0)                | 0.4 (0.2 – 0.8)           | 0.4 (0.2 – 0.7)             |
| <b>Somalia</b>                          | 34.7 (30.3 – 39.3)           | 238.5 (198.7 – 286.0)             | 18.5 (7.5 – 33.2)         | 2.5 (1.3 – 4.6)             |
| <b>South Africa</b>                     | 392.3 (356.0 – 430.5)        | 3821.7 (3406.3 – 4288.2)          | 173.0 (104.3 – 212.7)     | 46.1 (24.2 – 83.7)          |
| <b>South Sudan</b>                      | 32.1 (28.6 – 36.2)           | 263.9 (221.0 – 309.1)             | 16.6 (8.2 – 28.3)         | 3.4 (1.7 – 6.3)             |
| <b>Spain</b>                            | 6547.8 (5715.3 – 7379.3)     | 76749.1 (65800.6 – 87932.6)       | 1766.3 (1539.7 – 1992.9)  | 1124.5 (619.0 – 1954.0)     |
| <b>Sri Lanka</b>                        | 491.6 (409.7 – 593.7)        | 5067.9 (4194.9 – 6047.1)          | 38.3 (19.1 – 48.2)        | 73.8 (40.1 – 131.1)         |
| <b>Sudan</b>                            | 310.8 (274.0 – 352.3)        | 3208.3 (2743.8 – 3728.8)          | 100.5 (51.0 – 172.1)      | 41.9 (22.4 – 74.8)          |
| <b>Suriname</b>                         | 8.8 (7.7 – 10.1)             | 104.8 (89.3 – 123.5)              | 2.1 (1.5 – 2.7)           | 1.4 (0.8 – 2.4)             |
| <b>Sweden</b>                           | 3024.8 (2545.5 – 3504.1)     | 39447.9 (33236.8 – 46301.1)       | 485.8 (424.4 – 533.3)     | 620.9 (338.6 – 1091.0)      |
| <b>Switzerland</b>                      | 1933.8 (1673.0 – 2222.6)     | 25445.0 (21806.7 – 29143.4)       | 318.5 (264.6 – 358.9)     | 387.1 (230.1 – 653.1)       |
| <b>Syrian Arab Republic</b>             | 336.6 (285.7 – 393.3)        | 3450.0 (2926.7 – 4030.0)          | 187.2 (130.1 – 255.1)     | 54.5 (33.2 – 90.0)          |
| <b>Taiwan (Province of China)</b>       | 929.4 (746.6 – 1150.0)       | 9713.6 (7835.6 – 11848.0)         | 139.7 (129.4 – 148.8)     | 142.9 (76.8 – 262.2)        |
| <b>Tajikistan</b>                       | 267.0 (217.2 – 324.8)        | 3537.0 (2911.6 – 4276.6)          | 0.1 (0.1 – 0.2)           | 53.0 (28.0 – 92.2)          |
| <b>Thailand</b>                         | 1164.3 (955.1 – 1389.5)      | 12707.8 (10369.2 – 15358.9)       | 68.1 (42.9 – 142.0)       | 191.8 (99.8 – 326.2)        |
| <b>Timor-Leste</b>                      | 6.5 (5.4 – 8.0)              | 60.9 (49.6 – 74.6)                | 0.2 (0.1 – 0.9)           | 0.8 (0.4 – 1.5)             |
| <b>Togo</b>                             | 15.0 (12.9 – 17.1)           | 125.0 (102.3 – 149.0)             | 11.0 (6.0 – 16.3)         | 1.3 (0.7 – 2.4)             |
| <b>Tokelau</b>                          | 0.0 (0.0 – 0.1)              | 0.5 (0.4 – 0.6)                   | 0.0 (0.0 – 0.0)           | 0.0 (0.0 – 0.0)             |
| <b>Tonga</b>                            | 1.7 (1.5 – 2.1)              | 19.1 (15.9 – 23.0)                | 0.3 (0.2 – 0.4)           | 0.3 (0.2 – 0.5)             |
| <b>Trinidad and Tobago</b>              | 29.3 (25.2 – 33.6)           | 376.5 (317.5 – 441.9)             | 4.9 (4.4 – 5.5)           | 5.0 (2.5 – 8.8)             |
| <b>Tunisia</b>                          | 210.1 (182.6 – 240.3)        | 2295.2 (1959.3 – 2671.3)          | 39.6 (25.9 – 56.3)        | 29.1 (15.6 – 50.7)          |
| <b>Turkmenistan</b>                     | 210.5 (171.6 – 254.5)        | 2698.1 (2242.4 – 3270.4)          | 0.4 (0.4 – 0.5)           | 38.4 (20.2 – 66.0)          |
| <b>Tuvalu</b>                           | 0.2 (0.2 – 0.3)              | 2.4 (1.9 – 2.9)                   | 0.1 (0.0 – 0.1)           | 0.0 (0.0 – 0.1)             |
| <b>Türkiye</b>                          | 2073.7 (1828.4 – 2344.0)     | 22594.4 (19386.5 – 26200.1)       | 626.0 (372.1 – 915.3)     | 287.7 (149.4 – 523.2)       |
| <b>Uganda</b>                           | 91.4 (80.5 – 103.2)          | 740.9 (614.1 – 876.4)             | 36.7 (16.7 – 63.6)        | 9.4 (4.9 – 17.0)            |
| <b>Ukraine</b>                          | 7753.8 (6848.3 – 8699.3)     | 113053.8 (101446.7 – 124820.9)    | 30.0 (26.1 – 35.3)        | 1654.0 (908.7 – 2948.0)     |
| <b>United Arab Emirates</b>             | 20.5 (18.1 – 23.3)           | 202.3 (174.4 – 233.2)             | 7.2 (4.5 – 10.7)          | 2.1 (1.1 – 3.7)             |
| <b>United Kingdom</b>                   | 13897.9 (12151.6 – 15644.2)  | 180508.5 (158663.1 – 202874.9)    | 2151.6 (1925.9 – 2276.3)  | 2888.7 (1618.0 – 5077.0)    |
| <b>United Republic of Tanzania</b>      | 181.1 (160.9 – 203.1)        | 1447.7 (1218.5 – 1700.2)          | 86.2 (48.2 – 134.7)       | 18.1 (9.2 – 32.9)           |
| <b>United States of America</b>         | 95755.5 (85277.6 – 106233.4) | 1279737.3 (1164442.8 – 1405032.0) | 9716.7 (8168.8 – 10484.6) | 19617.4 (11114.9 – 34939.0) |
| <b>United States Virgin Islands</b>     | 5.2 (4.6 – 5.9)              | 61.5 (52.6 – 71.0)                | 1.2 (0.9 – 1.6)           | 0.8 (0.4 – 1.3)             |

|                                           |                          |                             |                      |                       |
|-------------------------------------------|--------------------------|-----------------------------|----------------------|-----------------------|
| <b>Uruguay</b>                            | 448.1 (391.0 – 510.7)    | 4897.9 (4250.8 – 5652.3)    | 113.6 (99.4 – 125.4) | 84.0 (47.2 – 146.3)   |
| <b>Uzbekistan</b>                         | 1173.5 (964.5 – 1421.0)  | 16355.0 (13509.9 – 19630.3) | 12.2 (8.7 – 18.2)    | 251.6 (139.7 – 440.0) |
| <b>Vanuatu</b>                            | 1.6 (1.3 – 1.9)          | 15.2 (12.6 – 18.6)          | 0.3 (0.2 – 0.6)      | 0.2 (0.1 – 0.3)       |
| <b>Venezuela (Bolivarian Republic of)</b> | 416.4 (353.0 – 487.9)    | 5069.3 (4256.3 – 5997.2)    | 66.2 (59.6 – 73.2)   | 67.1 (34.8 – 119.1)   |
| <b>Viet Nam</b>                           | 1227.4 (1005.2 – 1481.0) | 14511.8 (11787.0 – 17709.3) | 45.9 (21.4 – 162.6)  | 236.1 (127.5 – 422.0) |
| <b>Yemen</b>                              | 188.2 (166.5 – 214.3)    | 1861.9 (1584.8 – 2172.9)    | 52.2 (25.2 – 91.2)   | 23.8 (12.3 – 42.2)    |
| <b>Zambia</b>                             | 46.6 (41.0 – 52.8)       | 353.7 (296.7 – 418.4)       | 27.6 (15.3 – 41.5)   | 4.1 (2.1 – 7.4)       |
| <b>Zimbabwe</b>                           | 59.9 (52.2 – 68.3)       | 559.4 (465.7 – 662.7)       | 24.0 (13.4 – 37.4)   | 6.4 (3.3 – 11.6)      |

**ountries and regions.**

|                             | 2021                          |                                   |                          |                            |
|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|
| DALYs                       | Incidence                     | Prevalence                        | Deaths                   | YLDs                       |
| 2024.8 (800.5 – 3987.1)     | 363.7 (318.7 – 415.6)         | 3282.2 (2776.2 – 3788.2)          | 110.2 (48.8 – 203.0)     | 40.8 (21.2 – 70.3)         |
| 319.6 (221.4 – 471.1)       | 588.8 (503.3 – 675.8)         | 8518.2 (7288.2 – 9748.2)          | 39.7 (20.9 – 64.5)       | 113.0 (63.8 – 190.9)       |
| 3922.0 (2477.8 – 5776.2)    | 1731.0 (1498.6 – 1962.1)      | 19129.9 (16219.9 – 22039.9)       | 287.2 (188.9 – 420.3)    | 239.4 (131.5 – 416.4)      |
| 5.0 (3.3 – 6.8)             | 2.0 (1.7 – 2.4)               | 22.3 (19.0 – 25.6)                | 0.3 (0.2 – 0.4)          | 0.3 (0.2 – 0.6)            |
| 16.5 (10.7 – 24.1)          | 17.3 (14.9 – 20.1)            | 219.0 (186.2 – 251.8)             | 3.1 (1.9 – 4.4)          | 2.8 (1.6 – 4.8)            |
| 1032.5 (537.6 – 1654.4)     | 214.3 (191.0 – 243.5)         | 1687.8 (1415.8 – 1959.8)          | 117.7 (72.2 – 189.1)     | 19.3 (10.0 – 35.4)         |
| 7.8 (7.0 – 8.7)             | 4.7 (4.0 – 5.4)               | 61.1 (50.5 – 71.7)                | 0.6 (0.6 – 0.7)          | 0.8 (0.4 – 1.4)            |
| 14709.3 (12983.5 – 16434.1) | 8649.8 (7385.2 – 10316.8)     | 100584.0 (85184.0 – 115984.0)     | 1262.2 (1078.0 – 1418.5) | 1765.5 (989.1 – 3057.8)    |
| 151.5 (121.5 – 191.9)       | 632.8 (533.8 – 745.2)         | 8683.3 (7454.3 – 9912.3)          | 17.0 (14.2 – 19.8)       | 128.8 (72.0 – 215.2)       |
| 7401.4 (6697.1 – 8035.7)    | 7463.9 (6423.8 – 8579.0)      | 88129.5 (75219.5 – 101039.5)      | 954.5 (731.6 – 1088.2)   | 1240.0 (695.3 – 2066.5)    |
| 5656.7 (5079.3 – 6229.1)    | 6929.8 (5614.0 – 8567.4)      | 101546.4 (80146.4 – 122946.4)     | 828.0 (650.4 – 935.7)    | 1469.8 (813.6 – 2483.3)    |
| 182.8 (126.0 – 272.3)       | 1354.5 (1094.6 – 1599.2)      | 16013.4 (13213.4 – 18813.4)       | 4.4 (2.7 – 6.3)          | 207.0 (111.8 – 363.8)      |
| 29.3 (25.7 – 32.6)          | 19.2 (16.4 – 22.4)            | 245.0 (206.1 – 283.9)             | 2.7 (2.2 – 3.3)          | 3.1 (1.6 – 5.5)            |
| 60.5 (45.0 – 83.7)          | 45.6 (39.0 – 53.3)            | 431.6 (363.7 – 499.5)             | 5.8 (4.0 – 8.0)          | 4.1 (2.1 – 7.2)            |
| 5900.5 (3027.1 – 10173.9)   | 3448.6 (2948.3 – 3977.7)      | 35206.0 (29106.0 – 41306.0)       | 820.9 (508.1 – 1264.4)   | 503.8 (279.7 – 895.8)      |
| 35.2 (30.9 – 40.6)          | 23.2 (19.6 – 27.9)            | 335.1 (279.9 – 390.3)             | 3.2 (2.6 – 3.8)          | 4.8 (2.6 – 8.2)            |
| 387.5 (240.8 – 641.5)       | 2193.7 (1809.3 – 2642.8)      | 33441.5 (28341.5 – 38541.5)       | 14.5 (12.0 – 17.4)       | 471.8 (261.3 – 816.8)      |
| 12179.2 (10519.2 – 13839.2) | 4573.9 (4085.7 – 5066.5)      | 51512.8 (45512.8 – 57512.8)       | 1262.7 (929.1 – 1457.7)  | 824.4 (471.4 – 1367.1)     |
| 9.8 (8.6 – 11.6)            | 10.4 (8.9 – 12.0)             | 128.4 (107.6 – 149.2)             | 1.3 (1.2 – 1.5)          | 1.7 (0.9 – 3.0)            |
| 297.7 (160.6 – 450.1)       | 66.7 (58.0 – 75.3)            | 586.0 (481.3 – 690.7)             | 26.1 (14.7 – 43.8)       | 6.7 (3.7 – 12.3)           |
| 33.7 (29.4 – 38.0)          | 12.2 (10.1 – 14.8)            | 183.6 (150.2 – 217.0)             | 2.6 (2.1 – 3.2)          | 2.4 (1.3 – 4.3)            |
| 30.6 (13.8 – 57.0)          | 17.4 (15.2 – 19.9)            | 185.4 (159.3 – 211.5)             | 3.8 (2.4 – 5.5)          | 2.8 (1.4 – 5.1)            |
| 733.9 (371.8 – 1094.0)      | 396.3 (336.4 – 465.5)         | 4899.3 (4122.3 – 5676.3)          | 49.5 (26.0 – 72.9)       | 63.2 (34.2 – 109.7)        |
| 1047.4 (706.0 – 1565.4)     | 1180.8 (1005.6 – 1364.8)      | 17321.6 (14721.6 – 19921.6)       | 99.6 (58.2 – 142.9)      | 236.6 (131.4 – 406.0)      |
| 123.1 (78.3 – 189.2)        | 29.2 (25.6 – 33.0)            | 289.8 (243.4 – 336.2)             | 7.4 (5.1 – 10.7)         | 3.3 (1.7 – 6.1)            |
| 33854.4 (32712.5 – 34996.3) | 16538.6 (14179.6 – 19151.1)   | 206874.1 (172874.1 – 240874.1)    | 2901.3 (2521.5 – 3133.3) | 2924.3 (1575.7 – 5141.0)   |
| 37.5 (27.7 – 50.3)          | 81.5 (70.6 – 93.4)            | 820.5 (708.9 – 932.1)             | 4.6 (2.9 – 6.0)          | 10.7 (5.8 – 18.6)          |
| 818.7 (680.7 – 1034.0)      | 1548.2 (1306.9 – 1824.1)      | 27477.5 (23477.5 – 31477.5)       | 134.2 (110.5 – 165.5)    | 401.0 (223.6 – 681.4)      |
| 810.6 (363.2 – 1248.0)      | 119.0 (104.6 – 133.4)         | 1000.6 (823.5 – 1177.7)           | 73.2 (36.8 – 128.5)      | 11.7 (6.2 – 20.8)          |
| 813.4 (417.7 – 1398.0)      | 59.9 (52.7 – 67.5)            | 452.3 (373.8 – 530.8)             | 27.5 (15.4 – 48.2)       | 5.4 (2.9 – 9.8)            |
| 42.3 (21.6 – 80.9)          | 6.9 (6.2 – 7.7)               | 72.7 (61.4 – 84.0)                | 3.5 (2.0 – 6.6)          | 1.0 (0.5 – 1.7)            |
| 141.9 (60.5 – 494.3)        | 425.0 (348.1 – 518.4)         | 4496.8 (3666.8 – 5326.8)          | 9.6 (4.0 – 36.1)         | 65.6 (33.6 – 116.0)        |
| 1201.0 (611.3 – 1822.7)     | 180.9 (158.8 – 205.1)         | 1576.5 (1317.5 – 1835.5)          | 102.3 (58.9 – 171.5)     | 17.4 (9.0 – 31.0)          |
| 10605.5 (9618.7 – 11612.3)  | 16384.6 (13947.1 – 19561.1)   | 206447.3 (172447.3 – 240447.3)    | 1849.9 (1449.3 – 2086.8) | 2733.9 (1510.6 – 4554.0)   |
| 325.6 (157.1 – 528.0)       | 32.8 (29.1 – 37.4)            | 231.9 (192.6 – 271.2)             | 19.5 (10.2 – 30.8)       | 2.6 (1.3 – 4.8)            |
| 522.3 (248.9 – 843.6)       | 65.7 (57.4 – 75.3)            | 529.1 (438.5 – 619.7)             | 36.5 (18.6 – 61.3)       | 5.5 (3.0 – 10.1)           |
| 1879.3 (1746.9 – 2011.7)    | 3370.2 (2894.2 – 3883.0)      | 42958.8 (36858.8 – 49058.8)       | 222.8 (188.2 – 246.0)    | 643.9 (375.8 – 1096.6)     |
| 24999.2 (15772.5 – 34225.9) | 101018.4 (94640.8 – 108047.5) | 1182214.6 (1082214.6 – 1282214.6) | 1062.5 (736.1 – 1557.5)  | 16499.1 (9250.0 – 28388.2) |
| 5776.7 (5500.5 – 6082.9)    | 4241.6 (3567.4 – 4892.0)      | 56281.6 (46981.6 – 65581.6)       | 591.1 (496.0 – 694.2)    | 799.0 (448.4 – 1384.2)     |
| 58.9 (25.1 – 93.3)          | 7.2 (6.4 – 8.1)               | 61.4 (52.0 – 70.8)                | 3.5 (2.2 – 5.7)          | 0.8 (0.4 – 1.5)            |
| 377.5 (191.5 – 585.2)       | 49.0 (43.6 – 54.7)            | 384.9 (325.0 – 444.8)             | 29.6 (18.1 – 41.9)       | 4.6 (2.4 – 8.3)            |
| 3.0 (1.9 – 4.8)             | 0.9 (0.7 – 1.1)               | 11.7 (9.8 – 13.6)                 | 0.1 (0.1 – 0.3)          | 0.2 (0.1 – 0.3)            |
| 289.4 (261.7 – 319.3)       | 390.0 (332.7 – 464.5)         | 5273.1 (4449.1 – 6097.1)          | 45.7 (39.0 – 51.5)       | 72.8 (42.0 – 126.7)        |
| 1615.5 (1425.8 – 1825.2)    | 2352.7 (2015.2 – 2793.4)      | 38471.8 (32871.8 – 44071.8)       | 297.4 (253.9 – 339.6)    | 502.0 (284.7 – 887.1)      |
| 1646.3 (1443.2 – 1769.4)    | 860.3 (745.8 – 987.5)         | 12869.9 (11169.9 – 14569.9)       | 148.9 (127.5 – 170.5)    | 174.1 (97.3 – 305.2)       |
| 829.3 (548.3 – 1223.3)      | 511.3 (455.3 – 565.2)         | 4741.1 (4111.1 – 5371.1)          | 86.9 (57.8 – 119.1)      | 66.5 (37.8 – 116.2)        |

|                       |                             |                |                          |                           |
|-----------------------|-----------------------------|----------------|--------------------------|---------------------------|
| 1820.2 (1603.2 – 212) | 5181.7 (4438.5 – 5994.2)    | 84519.5 (731   | 549.2 (475.4 – 613.4)    | 1120.2 (635.5 – 1895.7)   |
| 767.4 (392.3 – 1210.  | 140.7 (121.0 – 159.9)       | 1237.2 (1012   | 69.2 (36.7 – 118.3)      | 12.9 (7.0 – 23.4)         |
| 746.3 (420.5 – 1979.  | 1235.6 (1011.6 – 1507.9)    | 16118.6 (131   | 37.2 (17.6 – 130.0)      | 272.9 (147.4 – 468.2)     |
| 3623.1 (1889.6 – 54   | 572.0 (506.7 – 645.2)       | 4430.6 (3714   | 346.3 (194.9 – 623.1)    | 53.6 (28.8 – 99.3)        |
| 3280.4 (2968.6 – 36   | 2374.4 (2057.8 – 2754.8)    | 29209.5 (248   | 390.3 (313.2 – 439.9)    | 423.7 (238.4 – 730.3)     |
| 34.7 (18.5 – 56.1)    | 8.4 (7.4 – 9.6)             | 70.2 (58.8 – 8 | 3.5 (2.1 – 5.7)          | 0.8 (0.4 – 1.4)           |
| 3.2 (2.3 – 4.0)       | 2.6 (2.1 – 3.0)             | 36.6 (30.2 – 4 | 0.2 (0.1 – 0.2)          | 0.5 (0.3 – 0.9)           |
| 532.8 (346.3 – 666.7  | 349.8 (296.8 – 411.6)       | 4614.1 (3874   | 37.0 (23.3 – 50.1)       | 65.3 (34.6 – 116.6)       |
| 1267.9 (1154.6 – 13   | 865.2 (778.4 – 950.4)       | 11986.6 (107   | 79.6 (63.8 – 97.8)       | 163.0 (88.4 – 283.5)      |
| 11680.0 (7190.9 – 1   | 3380.1 (2898.1 – 3922.5)    | 31996.1 (267   | 480.6 (327.0 – 662.7)    | 346.1 (184.1 – 623.2)     |
| 109.6 (79.5 – 141.0)  | 250.4 (209.8 – 296.9)       | 3637.7 (2976   | 8.7 (4.9 – 11.7)         | 55.4 (28.7 – 97.3)        |
| 55.3 (26.1 – 91.7)    | 11.7 (10.2 – 13.2)          | 96.6 (80.7 – 1 | 4.7 (2.5 – 7.8)          | 1.2 (0.6 – 2.1)           |
| 395.0 (181.5 – 659.2  | 44.3 (39.1 – 50.3)          | 342.4 (284.7   | 23.2 (14.1 – 36.6)       | 4.0 (2.1 – 7.4)           |
| 318.2 (274.0 – 379.2  | 772.7 (658.1 – 888.6)       | 12903.1 (109   | 78.5 (65.6 – 88.5)       | 202.6 (116.2 – 343.8)     |
| 68.4 (43.7 – 94.8)    | 10.7 (9.2 – 12.3)           | 102.9 (84.4 –  | 3.9 (2.3 – 5.8)          | 1.2 (0.6 – 2.2)           |
| 5000.7 (2129.0 – 83   | 517.7 (465.9 – 573.5)       | 4096.0 (3579   | 210.6 (132.0 – 330.7)    | 52.0 (28.0 – 95.7)        |
| 27.0 (16.2 – 37.3)    | 26.2 (21.7 – 31.7)          | 283.5 (232.2   | 0.9 (0.6 – 1.3)          | 4.0 (2.1 – 7.3)           |
| 4442.0 (3728.6 – 51   | 3260.2 (2798.1 – 3861.7)    | 44215.5 (373   | 633.0 (485.4 – 727.1)    | 639.1 (360.3 – 1101.9)    |
| 52164.9 (46503.1 – 5  | 24179.7 (21356.3 – 27382.6) | 304229.1 (26   | 5803.2 (4504.3 – 6596.9) | 4727.8 (2770.4 – 8146.1)  |
| 163.0 (95.1 – 237.3)  | 21.7 (19.3 – 24.3)          | 186.3 (156.9   | 10.3 (6.4 – 15.6)        | 2.4 (1.2 – 4.2)           |
| 72.1 (33.0 – 119.9)   | 12.4 (10.9 – 13.9)          | 107.3 (89.9 –  | 8.5 (5.0 – 13.9)         | 1.3 (0.7 – 2.3)           |
| 329.4 (238.0 – 478.9  | 2133.5 (1809.6 – 2437.4)    | 31895.3 (278   | 101.5 (85.5 – 115.9)     | 550.0 (320.7 – 894.6)     |
| 92270.9 (82251.0 – 1  | 42731.4 (37957.2 – 47770.4) | 562542.2 (47   | 10314.8 (8065.6 – 11906  | 8371.6 (4860.8 – 14058.3) |
| 2097.0 (1174.2 – 294  | 239.6 (208.6 – 270.6)       | 2195.0 (1836   | 140.5 (88.0 – 226.3)     | 25.6 (13.7 – 43.9)        |
| 5409.6 (4857.5 – 579  | 4130.0 (3703.3 – 4610.2)    | 55723.1 (491   | 992.3 (804.2 – 1118.0)   | 876.7 (498.0 – 1530.9)    |
| 20.1 (9.2 – 30.5)     | 16.9 (14.6 – 19.6)          | 169.3 (145.4   | 1.1 (0.7 – 1.7)          | 2.4 (1.3 – 4.1)           |
| 8.0 (6.4 – 9.8)       | 3.8 (3.2 – 4.5)             | 50.9 (42.4 – 6 | 0.5 (0.5 – 0.6)          | 0.7 (0.4 – 1.3)           |
| 25.2 (18.3 – 32.5)    | 10.1 (8.4 – 11.8)           | 130.5 (109.1   | 1.0 (0.7 – 1.3)          | 2.2 (1.2 – 3.8)           |
| 270.4 (199.1 – 335.6  | 395.7 (337.6 – 460.2)       | 4916.1 (4064   | 29.8 (25.8 – 34.6)       | 67.8 (35.0 – 122.1)       |
| 700.6 (340.5 – 1111.  | 72.0 (64.0 – 80.6)          | 592.7 (496.3   | 41.1 (21.8 – 68.9)       | 6.7 (3.6 – 11.8)          |
| 130.6 (60.0 – 205.3)  | 10.0 (8.8 – 11.4)           | 79.1 (64.6 – 9 | 6.9 (4.1 – 10.7)         | 0.8 (0.4 – 1.4)           |
| 130.5 (106.5 – 155.6  | 28.4 (24.9 – 32.6)          | 337.2 (290.0   | 6.9 (5.3 – 8.9)          | 4.2 (2.3 – 7.4)           |
| 1142.2 (529.9 – 1995  | 226.5 (197.7 – 256.6)       | 2301.2 (1939   | 66.3 (35.7 – 106.2)      | 26.2 (13.0 – 47.2)        |
| 324.4 (192.5 – 441.2  | 268.6 (225.3 – 315.0)       | 3142.7 (2603   | 47.1 (26.3 – 65.9)       | 41.1 (20.1 – 71.0)        |
| 6447.3 (5865.4 – 706  | 5226.9 (4438.0 – 6128.8)    | 84963.3 (742   | 802.9 (702.9 – 905.2)    | 1175.3 (686.5 – 2020.4)   |
| 126.2 (110.9 – 138.9  | 98.4 (82.9 – 118.3)         | 1234.9 (1019   | 23.0 (17.7 – 26.5)       | 16.1 (9.4 – 27.9)         |
| 55424.8 (31858.7 – 8  | 31167.6 (28765.6 – 33913.2) | 323128.5 (29   | 6888.8 (4670.1 – 8764.3) | 4560.7 (2506.7 – 7932.9)  |
| 3295.0 (1543.4 – 109  | 7907.0 (7297.1 – 8643.6)    | 79491.9 (729   | 223.6 (91.8 – 886.6)     | 1121.2 (606.8 – 1935.9)   |
| 6392.9 (4581.4 – 83   | 3383.4 (3111.1 – 3682.9)    | 38365.1 (348   | 455.2 (322.4 – 627.3)    | 456.6 (254.7 – 785.3)     |
| 1787.1 (1200.2 – 248  | 738.1 (632.1 – 854.8)       | 8400.6 (7083   | 138.7 (89.0 – 202.7)     | 107.3 (60.9 – 178.2)      |
| 1385.2 (1275.1 – 149  | 1077.5 (939.0 – 1225.1)     | 13281.9 (114   | 137.6 (108.5 – 159.3)    | 169.6 (95.3 – 291.0)      |
| 2548.5 (2314.4 – 278  | 1749.0 (1410.9 – 1969.6)    | 18051.3 (142   | 419.4 (327.3 – 478.0)    | 273.7 (157.6 – 483.1)     |
| 30025.9 (27056.7 – 3  | 51726.5 (48482.0 – 55264.9) | 846172.8 (79   | 4166.2 (3114.3 – 4750.2) | 12147.7 (6850.3 – 20886.  |
| 102.3 (89.3 – 117.2)  | 95.6 (81.2 – 111.3)         | 1386.7 (1159   | 9.4 (7.3 – 11.7)         | 21.6 (12.1 – 37.7)        |
| 88066.6 (78690.2 – 9  | 79341.6 (70580.9 – 89212.6) | 1318808.1 (1   | 15387.7 (10338.8 – 1839  | 21220.7 (11992.4 – 36403  |
| 321.0 (199.6 – 435.0  | 255.0 (217.7 – 294.4)       | 2895.8 (2428   | 22.3 (15.0 – 31.9)       | 29.7 (16.0 – 51.7)        |
| 607.7 (442.6 – 858.1  | 2704.9 (2247.7 – 3258.3)    | 34879.9 (293   | 53.7 (44.3 – 64.4)       | 461.7 (247.4 – 813.2)     |
| 1469.2 (877.5 – 2033  | 346.9 (313.8 – 383.9)       | 2993.6 (2622   | 145.8 (98.4 – 212.0)     | 39.1 (21.5 – 69.3)        |
| 32.4 (23.3 – 44.8)    | 2.7 (2.3 – 3.2)             | 27.3 (23.0 – 3 | 1.6 (1.0 – 2.3)          | 0.4 (0.2 – 0.6)           |
| 95.8 (87.6 – 103.2)   | 143.5 (123.3 – 167.6)       | 1545.7 (1312   | 8.1 (6.8 – 9.3)          | 13.1 (7.3 – 22.6)         |

|                           |                          |                 |                          |                         |
|---------------------------|--------------------------|-----------------|--------------------------|-------------------------|
| 113.5 (80.4 – 170.1)      | 584.5 (490.3 – 685.0)    | 7103.6 (5928    | 6.0 (5.0 – 7.3)          | 96.3 (51.0 – 168.5)     |
| 76.0 (29.9 – 282.8)       | 141.2 (116.2 – 173.4)    | 1477.9 (1220    | 4.2 (1.7 – 16.7)         | 22.0 (11.8 – 38.8)      |
| 329.7 (271.4 – 407.9)     | 729.9 (613.1 – 847.4)    | 12871.8 (108    | 57.2 (49.1 – 65.5)       | 208.4 (118.6 – 348.7)   |
| 1418.9 (773.5 – 2330)     | 274.4 (241.0 – 313.0)    | 3642.9 (3132    | 69.6 (45.5 – 90.4)       | 49.0 (27.4 – 86.2)      |
| 134.3 (81.0 – 195.8)      | 20.5 (17.9 – 23.5)       | 193.7 (159.9    | 8.9 (5.6 – 13.3)         | 2.4 (1.2 – 4.3)         |
| 234.0 (115.4 – 353.4)     | 26.1 (22.7 – 29.8)       | 215.6 (177.9    | 15.2 (8.2 – 25.6)        | 2.3 (1.2 – 4.1)         |
| 524.3 (327.5 – 805.7)     | 219.8 (192.5 – 252.0)    | 2441.5 (2116    | 54.8 (29.5 – 94.7)       | 29.6 (16.3 – 50.6)      |
| 279.4 (221.4 – 368.4)     | 941.0 (796.4 – 1140.8)   | 16508.6 (140    | 51.9 (43.9 – 59.4)       | 266.4 (150.9 – 445.9)   |
| 422.7 (389.8 – 456.1)     | 259.6 (230.0 – 297.3)    | 3293.4 (2843    | 56.2 (46.1 – 63.5)       | 47.0 (26.8 – 79.7)      |
| 2275.8 (1143.7 – 3560)    | 195.1 (174.0 – 219.9)    | 1499.6 (1273    | 135.5 (85.0 – 200.4)     | 16.4 (8.6 – 29.7)       |
| 757.3 (369.8 – 1196)      | 112.3 (99.3 – 127.5)     | 907.9 (761.7    | 48.7 (28.1 – 81.2)       | 11.7 (6.3 – 20.5)       |
| 818.6 (482.4 – 1019)      | 1240.4 (1041.0 – 1497.4) | 13393.2 (112    | 68.7 (53.1 – 102.9)      | 191.8 (100.1 – 331.8)   |
| 11.5 (5.4 – 23.4)         | 17.2 (14.7 – 20.2)       | 181.4 (154.1    | 1.3 (0.9 – 1.8)          | 2.7 (1.6 – 4.5)         |
| 972.2 (432.4 – 1594)      | 84.2 (73.0 – 97.0)       | 719.4 (584.7    | 56.4 (31.2 – 89.4)       | 7.9 (4.1 – 14.3)        |
| 109.7 (99.0 – 118.8)      | 92.6 (79.9 – 108.3)      | 1223.1 (1054    | 19.4 (15.6 – 22.4)       | 17.0 (9.7 – 29.5)       |
| 5.7 (3.3 – 10.5)          | 1.2 (1.0 – 1.5)          | 11.4 (9.5 – 13  | 0.2 (0.1 – 0.4)          | 0.1 (0.1 – 0.2)         |
| 289.8 (160.5 – 428.2)     | 27.4 (24.1 – 30.9)       | 253.3 (212.2    | 17.8 (11.1 – 28.6)       | 3.1 (1.6 – 5.5)         |
| 148.3 (136.6 – 163.3)     | 79.1 (66.3 – 96.5)       | 979.9 (821.1    | 17.1 (15.1 – 18.6)       | 14.6 (7.9 – 25.0)       |
| 6037.0 (5832.2 – 6260)    | 6955.3 (5748.2 – 8210.8) | 89358.8 (745    | 596.4 (507.1 – 680.3)    | 1208.3 (638.1 – 2139.2) |
| 17.5 (10.3 – 30.6)        | 2.9 (2.5 – 3.5)          | 29.1 (24.2 – 3  | 0.5 (0.3 – 0.9)          | 0.4 (0.2 – 0.7)         |
| 13.6 (9.0 – 20.1)         | 9.1 (7.4 – 11.0)         | 133.2 (110.9    | 1.2 (0.7 – 1.8)          | 1.9 (1.0 – 3.3)         |
| 95.5 (61.1 – 158.9)       | 328.0 (273.3 – 394.5)    | 3747.0 (3139    | 6.0 (3.8 – 9.2)          | 48.1 (24.9 – 82.6)      |
| 77.4 (55.9 – 108.0)       | 141.4 (116.9 – 164.0)    | 2100.5 (1751    | 7.7 (4.6 – 10.8)         | 25.2 (14.1 – 42.8)      |
| 4527.3 (2689.0 – 7100)    | 1500.4 (1337.4 – 1677.9) | 16714.9 (145    | 325.9 (216.0 – 482.3)    | 220.2 (120.3 – 381.9)   |
| 1289.7 (619.4 – 2088)     | 189.2 (167.9 – 213.7)    | 1472.9 (1220    | 100.0 (52.0 – 186.1)     | 18.0 (9.1 – 33.5)       |
| 878.4 (401.3 – 2773)      | 1644.9 (1340.5 – 2025.6) | 17968.8 (146    | 45.6 (19.5 – 188.6)      | 274.6 (144.1 – 469.0)   |
| 129.5 (83.6 – 173.4)      | 26.0 (22.5 – 29.6)       | 256.0 (213.0    | 9.2 (5.8 – 14.0)         | 3.1 (1.6 – 5.5)         |
| 2.1 (1.2 – 3.9)           | 0.2 (0.2 – 0.3)          | 2.6 (2.1 – 3.0) | 0.1 (0.0 – 0.1)          | 0.0 (0.0 – 0.1)         |
| 1154.8 (595.4 – 1936)     | 693.2 (599.3 – 791.6)    | 6831.6 (5737    | 138.3 (84.0 – 206.4)     | 95.4 (50.5 – 171.2)     |
| 17582.3 (15556.1 – 19993) | 4993.9 (4417.0 – 5607.6) | 50075.7 (432    | 1983.2 (1543.5 – 2244.8) | 662.2 (369.9 – 1151.6)  |
| 1947.0 (1741.2 – 2133)    | 2095.1 (1855.1 – 2347.7) | 22619.6 (200    | 295.0 (235.4 – 334.4)    | 332.6 (183.7 – 571.5)   |
| 88.8 (69.6 – 123.8)       | 204.8 (173.8 – 238.6)    | 2668.3 (2237    | 9.6 (5.5 – 12.6)         | 35.5 (19.6 – 61.0)      |
| 568.0 (248.7 – 994.0)     | 90.7 (79.2 – 103.9)      | 755.5 (618.3    | 51.4 (23.1 – 96.3)       | 8.1 (4.2 – 14.6)        |
| 10129.1 (5307.4 – 15150)  | 1225.6 (1105.5 – 1349.9) | 10943.1 (964    | 586.4 (333.2 – 920.5)    | 117.6 (62.8 – 209.2)    |
| 0.5 (0.4 – 0.9)           | 0.1 (0.1 – 0.1)          | 1.1 (0.9 – 1.3  | 0.0 (0.0 – 0.0)          | 0.0 (0.0 – 0.0)         |
| 210.4 (160.7 – 318.9)     | 474.1 (401.0 – 556.6)    | 6509.3 (5464    | 29.1 (14.1 – 41.5)       | 78.7 (44.1 – 140.5)     |
| 10.1 (6.1 – 14.8)         | 2.6 (2.1 – 3.0)          | 25.8 (22.0 – 3  | 0.5 (0.3 – 0.6)          | 0.3 (0.2 – 0.6)         |
| 5247.5 (4688.5 – 5660)    | 3336.7 (2998.9 – 3707.9) | 40570.6 (366    | 552.3 (426.4 – 623.4)    | 588.8 (325.9 – 1019.2)  |
| 70.1 (38.7 – 110.3)       | 75.4 (65.4 – 86.1)       | 811.9 (689.3    | 3.6 (2.3 – 4.7)          | 8.0 (4.2 – 13.8)        |
| 6624.5 (3794.7 – 10800)   | 3431.4 (3146.6 – 3738.5) | 31503.3 (283    | 754.8 (467.2 – 1170.6)   | 419.6 (237.8 – 746.3)   |
| 2.6 (1.5 – 4.2)           | 0.9 (0.8 – 1.1)          | 9.2 (7.8 – 11   | 0.1 (0.1 – 0.2)          | 0.1 (0.1 – 0.2)         |
| 98.8 (65.9 – 143.2)       | 79.4 (67.9 – 92.6)       | 906.6 (756.2    | 6.9 (5.0 – 9.2)          | 9.8 (5.3 – 17.5)        |
| 139.0 (125.7 – 153.2)     | 195.0 (163.7 – 228.4)    | 2760.0 (2309    | 24.2 (19.1 – 29.1)       | 39.9 (22.0 – 70.3)      |
| 481.0 (203.8 – 1031)      | 120.6 (100.5 – 144.1)    | 1162.4 (958.8   | 26.1 (13.7 – 48.4)       | 15.0 (7.8 – 25.9)       |
| 623.4 (465.2 – 867.2)     | 414.1 (354.6 – 479.1)    | 5086.2 (4247    | 75.6 (49.1 – 102.8)      | 68.6 (36.2 – 118.7)     |
| 1093.1 (748.4 – 1463)     | 1216.2 (1015.7 – 1452.7) | 17172.6 (141    | 83.4 (52.5 – 119.5)      | 229.4 (121.5 – 402.1)   |
| 624.3 (368.8 – 759.0)     | 2423.3 (2230.9 – 2634.8) | 26643.3 (245    | 69.3 (30.9 – 89.0)       | 396.7 (219.6 – 678.9)   |
| 3689.7 (3381.8 – 4150)    | 6940.5 (6349.8 – 7582.8) | 98201.9 (902    | 1837.9 (1579.9 – 2022.6) | 1408.8 (802.0 – 2395.6) |
| 3488.2 (3246.7 – 3700)    | 2579.0 (2227.7 – 2831.3) | 29845.7 (252    | 868.0 (681.4 – 985.1)    | 456.5 (255.8 – 792.4)   |
| 698.7 (647.9 – 756.0)     | 410.3 (339.2 – 498.4)    | 6523.6 (5302    | 62.3 (50.1 – 73.8)       | 101.8 (58.3 – 169.6)    |

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| 36.3 (25.7 – 54.3)             | 48.3 (41.3 – 55.9)             | 440.8 (371.4 – 510.2)             | 3.9 (2.5 – 5.9)             | 3.2 (1.7 – 5.9)             |
| 4504.3 (3166.5 – 6742.1)       | 14484.1 (12356.8 – 16711.2)    | 196171.2 (166171.2 – 226171.2)    | 902.4 (485.6 – 1232.4)      | 2459.7 (1371.4 – 4222.8)    |
| 145.2 (102.7 – 208.6)          | 755.3 (632.2 – 911.1)          | 11127.7 (9527.7 – 12727.7)        | 10.2 (9.0 – 11.7)           | 168.1 (93.5 – 284.9)        |
| 4688.3 (4004.4 – 5672.2)       | 10039.6 (8240.7 – 11917.9)     | 178631.1 (148631.1 – 208631.1)    | 328.7 (285.4 – 379.0)       | 2594.3 (1426.0 – 4346.0)    |
| 9149.7 (7134.6 – 12404.8)      | 41100.0 (36316.1 – 46812.4)    | 589366.1 (529366.1 – 649366.1)    | 1339.3 (1190.4 – 1468.3)    | 8483.8 (4666.3 – 14709.6)   |
| 1392.2 (690.2 – 2272.2)        | 119.4 (106.4 – 135.0)          | 935.3 (787.0 – 1083.6)            | 48.3 (31.0 – 82.9)          | 11.9 (6.2 – 21.7)           |
| 10.3 (7.7 – 12.0)              | 3.7 (3.2 – 4.3)                | 44.2 (37.4 – 51.0)                | 0.5 (0.4 – 0.6)             | 0.6 (0.3 – 1.0)             |
| 15.1 (13.1 – 16.9)             | 9.7 (8.1 – 11.0)               | 130.9 (108.5 – 153.3)             | 1.3 (1.1 – 1.5)             | 1.9 (1.0 – 3.2)             |
| 10.7 (9.2 – 12.4)              | 5.2 (4.5 – 6.1)                | 69.2 (58.8 – 80.6)                | 0.7 (0.6 – 0.8)             | 1.0 (0.5 – 1.7)             |
| 19.4 (12.7 – 32.4)             | 5.3 (4.5 – 6.2)                | 60.3 (51.5 – 71.1)                | 1.0 (0.7 – 1.8)             | 0.9 (0.5 – 1.6)             |
| 10.0 (7.3 – 14.3)              | 9.4 (8.1 – 10.7)               | 127.4 (106.9 – 146.9)             | 1.1 (0.6 – 1.8)             | 1.8 (1.0 – 3.2)             |
| 11.4 (5.8 – 18.4)              | 1.5 (1.3 – 1.7)                | 14.5 (11.9 – 17.1)                | 0.8 (0.6 – 1.3)             | 0.2 (0.1 – 0.3)             |
| 1688.5 (1118.2 – 2458.8)       | 990.1 (867.0 – 1140.7)         | 9192.2 (7918.2 – 10466.2)         | 132.7 (82.7 – 189.4)        | 76.2 (38.3 – 136.5)         |
| 683.0 (344.6 – 1030.4)         | 86.9 (76.4 – 98.4)             | 798.2 (668.2 – 928.2)             | 59.6 (33.0 – 103.4)         | 9.7 (5.3 – 16.9)            |
| 5154.9 (3967.8 – 7782.0)       | 4281.1 (3725.5 – 4913.3)       | 62388.1 (54788.1 – 70188.1)       | 552.6 (324.9 – 715.6)       | 855.9 (467.8 – 1464.0)      |
| 7.8 (5.0 – 9.7)                | 6.5 (5.6 – 7.8)                | 74.5 (63.7 – 85.3)                | 0.4 (0.3 – 0.6)             | 1.2 (0.6 – 2.0)             |
| 355.6 (170.6 – 552.9)          | 43.2 (38.0 – 48.7)             | 363.4 (304.6 – 422.2)             | 26.4 (14.2 – 43.5)          | 4.2 (2.3 – 7.5)             |
| 349.7 (315.0 – 394.0)          | 1197.8 (1004.6 – 1414.0)       | 15863.7 (13463.7 – 18263.7)       | 36.4 (29.2 – 41.1)          | 196.0 (109.8 – 330.2)       |
| 754.8 (573.1 – 1192.1)         | 1144.6 (981.7 – 1340.6)        | 17417.4 (15117.4 – 19717.4)       | 95.4 (46.0 – 131.0)         | 229.9 (129.7 – 391.9)       |
| 1273.4 (1169.2 – 1397.6)       | 2029.3 (1801.9 – 2258.1)       | 31003.1 (27603.1 – 34403.1)       | 433.4 (349.9 – 498.6)       | 417.2 (234.8 – 695.6)       |
| 16.2 (7.9 – 30.4)              | 10.8 (9.2 – 12.5)              | 109.2 (91.4 – 127.0)              | 1.3 (0.8 – 2.4)             | 1.4 (0.7 – 2.5)             |
| 649.3 (241.7 – 1162.9)         | 77.4 (68.3 – 88.7)             | 547.0 (451.4 – 642.6)             | 36.3 (14.9 – 67.6)          | 6.1 (3.0 – 11.3)            |
| 5597.4 (3578.9 – 6635.9)       | 828.5 (726.2 – 925.8)          | 8269.2 (7155.2 – 9383.2)          | 342.8 (229.1 – 449.4)       | 106.8 (57.7 – 195.6)        |
| 499.1 (230.6 – 862.7)          | 47.2 (41.2 – 54.1)             | 380.7 (314.1 – 447.3)             | 20.3 (10.4 – 34.3)          | 4.3 (2.3 – 8.0)             |
| 28939.0 (25904.2 – 31973.8)    | 15812.1 (14217.7 – 17629.7)    | 219762.7 (197762.7 – 241762.7)    | 4143.8 (3092.4 – 4761.5)    | 3047.3 (1724.8 – 5196.9)    |
| 1086.0 (575.5 – 1340.5)        | 1873.7 (1563.5 – 2219.0)       | 21048.4 (17648.4 – 24448.4)       | 51.1 (32.0 – 95.1)          | 306.3 (171.8 – 516.0)       |
| 3558.5 (1622.2 – 6370.8)       | 674.9 (588.7 – 769.8)          | 6808.1 (5764.1 – 7852.1)          | 174.2 (92.2 – 286.2)        | 87.3 (49.5 – 144.6)         |
| 61.4 (41.4 – 78.3)             | 28.5 (24.4 – 32.7)             | 368.0 (312.3 – 423.7)             | 4.2 (2.6 – 5.6)             | 5.1 (2.8 – 8.8)             |
| 6918.5 (6195.5 – 7631.5)       | 5333.6 (4465.1 – 6311.8)       | 70975.8 (59675.8 – 82275.8)       | 764.0 (576.7 – 887.3)       | 1011.9 (545.6 – 1752.9)     |
| 4647.3 (3973.3 – 5221.3)       | 3354.9 (2927.0 – 3902.5)       | 46702.6 (40402.6 – 53002.6)       | 530.1 (391.3 – 616.5)       | 643.5 (361.2 – 1064.6)      |
| 6120.6 (4279.5 – 8441.7)       | 1000.9 (866.9 – 1164.2)        | 10441.9 (8871.9 – 12011.9)        | 319.1 (219.2 – 482.3)       | 158.0 (93.2 – 257.6)        |
| 3254.0 (3053.5 – 3444.5)       | 3729.6 (3114.3 – 4383.3)       | 43089.5 (35889.5 – 50289.5)       | 324.8 (263.8 – 369.8)       | 632.5 (338.1 – 1068.2)      |
| 57.5 (32.6 – 97.9)             | 563.7 (456.5 – 688.1)          | 6115.5 (5017.5 – 7213.5)          | 0.2 (0.1 – 0.4)             | 75.6 (40.3 – 138.1)         |
| 1915.3 (1290.3 – 3610.3)       | 4785.0 (4014.5 – 5697.2)       | 57988.3 (48188.3 – 67788.3)       | 418.3 (226.4 – 591.1)       | 927.3 (509.5 – 1597.2)      |
| 8.2 (3.6 – 27.4)               | 26.3 (21.2 – 32.5)             | 290.3 (233.5 – 347.1)             | 0.7 (0.3 – 2.8)             | 4.3 (2.2 – 7.7)             |
| 329.2 (167.3 – 482.4)          | 49.3 (43.1 – 56.2)             | 433.8 (359.1 – 508.5)             | 30.8 (16.7 – 53.4)          | 4.7 (2.5 – 8.5)             |
| 0.3 (0.2 – 0.6)                | 0.1 (0.0 – 0.1)                | 0.7 (0.6 – 0.9)                   | 0.0 (0.0 – 0.0)             | 0.0 (0.0 – 0.0)             |
| 7.4 (5.1 – 12.7)               | 2.8 (2.4 – 3.3)                | 34.9 (29.4 – 40.4)                | 0.4 (0.2 – 0.8)             | 0.6 (0.3 – 1.0)             |
| 138.2 (125.1 – 152.7)          | 74.5 (63.9 – 88.7)             | 1052.7 (902.7 – 1202.7)           | 9.7 (7.7 – 12.0)            | 14.9 (8.0 – 26.7)           |
| 1215.2 (824.9 – 1697.5)        | 599.4 (528.6 – 686.3)          | 7286.9 (6251.9 – 8321.9)          | 93.7 (53.0 – 153.9)         | 94.6 (53.2 – 163.9)         |
| 51.5 (33.5 – 79.4)             | 516.5 (422.4 – 626.5)          | 6320.2 (5174.2 – 7466.2)          | 5.7 (4.3 – 7.5)             | 88.9 (49.4 – 153.8)         |
| 2.1 (1.2 – 3.6)                | 0.4 (0.3 – 0.5)                | 4.3 (3.7 – 5.0)                   | 0.1 (0.0 – 0.1)             | 0.1 (0.0 – 0.1)             |
| 17625.3 (10541.3 – 24709.3)    | 5479.1 (4868.9 – 6164.0)       | 65758.0 (57058.0 – 74458.0)       | 1113.0 (784.6 – 1535.1)     | 849.3 (495.4 – 1441.2)      |
| 1032.0 (482.6 – 1761.4)        | 243.2 (215.0 – 273.6)          | 2019.1 (1700.1 – 2338.1)          | 89.8 (52.1 – 158.1)         | 26.0 (14.3 – 47.8)          |
| 2274.7 (1497.0 – 3572.4)       | 9216.9 (8251.7 – 10484.1)      | 140820.6 (124820.6 – 156820.6)    | 164.2 (114.5 – 224.8)       | 2147.2 (1196.4 – 3824.5)    |
| 238.3 (147.2 – 359.7)          | 164.0 (139.4 – 196.8)          | 1419.1 (1198.1 – 1640.1)          | 29.9 (21.6 – 42.4)          | 8.2 (3.5 – 15.9)            |
| 34496.9 (31946.2 – 36996.6)    | 26109.8 (23365.3 – 29044.8)    | 328706.5 (297706.5 – 359706.5)    | 3828.9 (3084.1 – 4179.3)    | 4736.2 (2612.1 – 8182.5)    |
| 2438.0 (1360.4 – 3666.6)       | 451.7 (401.3 – 505.9)          | 3686.4 (3106.4 – 4266.4)          | 195.4 (123.5 – 330.6)       | 47.0 (24.7 – 89.3)          |
| 162564.6 (145102.8 – 180026.4) | 195159.3 (178657.1 – 212465.5) | 2415480.6 (2165480.6 – 2665480.6) | 16496.5 (12810.6 – 18372.4) | 34805.1 (20285.9 – 58582.3) |
| 34.7 (24.7 – 46.6)             | 13.7 (11.7 – 15.8)             | 200.8 (174.6 – 227.0)             | 1.2 (0.8 – 1.8)             | 3.0 (1.7 – 5.0)             |

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|--------------------------|--------------------------|----------------------------|-----------------------|------------------------|
| 1866.3 (1667.1 – 2031.5) | 1159.3 (1002.2 – 1346.5) | 13878.2 (1177.2 – 16589.2) | 276.7 (229.2 – 308.2) | 262.0 (150.2 – 440.9)  |
| 636.3 (479.3 – 854.5)    | 3886.6 (3250.7 – 4691.4) | 44403.0 (3691.3 – 51114.7) | 66.7 (53.1 – 81.7)    | 603.6 (330.0 – 1029.7) |
| 13.7 (7.2 – 26.1)        | 5.3 (4.5 – 6.3)          | 53.6 (44.6 – 62.6)         | 0.9 (0.6 – 1.8)       | 0.7 (0.4 – 1.2)        |
| 1870.3 (1711.2 – 2031.5) | 1686.4 (1418.1 – 1986.0) | 22106.8 (1844.6 – 26369.0) | 226.7 (176.2 – 292.9) | 314.2 (178.1 – 558.8)  |
| 1155.2 (627.6 – 3336.6)  | 3512.1 (2936.9 – 4227.5) | 40384.6 (3344.6 – 47724.6) | 99.9 (41.3 – 394.4)   | 614.4 (321.9 – 1036.5) |
| 1643.8 (778.5 – 3018.1)  | 530.7 (471.5 – 595.6)    | 5180.4 (4448.1 – 5912.7)   | 144.1 (79.2 – 228.6)  | 67.1 (35.7 – 117.0)    |
| 961.3 (471.9 – 1487.1)   | 134.8 (120.1 – 150.3)    | 1039.2 (878.5 – 1199.9)    | 66.5 (42.6 – 104.4)   | 12.9 (6.8 – 24.0)      |
| 693.1 (356.2 – 1247.1)   | 115.0 (101.1 – 131.6)    | 1066.6 (885.9 – 1247.3)    | 57.2 (36.5 – 81.8)    | 11.5 (5.8 – 21.2)      |

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| <b>DALYs</b>                |
| 4208.5 (1701.1 – 7857.0)    |
| 747.1 (441.5 – 1147.7)      |
| 8088.1 (5400.7 – 12121.8)   |
| 8.5 (5.4 – 11.2)            |
| 41.0 (26.9 – 57.6)          |
| 3258.7 (2044.6 – 5114.6)    |
| 15.3 (13.9 – 16.6)          |
| 19552.2 (17301.4 – 21665.3) |
| 420.8 (344.6 – 523.6)       |
| 12106.2 (9752.1 – 13615.8)  |
| 10690.1 (8902.5 – 12044.7)  |
| 311.6 (209.5 – 460.5)       |
| 74.9 (60.6 – 93.7)          |
| 168.7 (115.8 – 236.3)       |
| 17707.2 (11094.1 – 25963.1) |
| 66.1 (54.4 – 80.0)          |
| 732.0 (521.7 – 1095.4)      |
| 14670.6 (11452.0 – 16719.2) |
| 38.8 (34.5 – 44.2)          |
| 661.7 (374.8 – 1083.7)      |
| 42.9 (35.7 – 53.2)          |
| 77.9 (50.1 – 116.0)         |
| 1375.8 (779.5 – 2061.0)     |
| 1861.5 (1176.3 – 2590.9)    |
| 194.5 (130.6 – 303.0)       |
| 63551.0 (57870.2 – 67558.8) |
| 103.2 (67.2 – 130.4)        |
| 2650.3 (2165.8 – 3217.3)    |
| 1791.3 (912.3 – 3030.9)     |
| 885.9 (522.0 – 1454.5)      |
| 65.5 (38.0 – 120.5)         |
| 294.8 (147.5 – 961.1)       |
| 2863.7 (1636.4 – 4592.8)    |
| 23606.9 (19752.9 – 26660.7) |
| 563.7 (291.6 – 900.3)       |
| 1059.3 (546.9 – 1751.4)     |
| 4124.9 (3633.0 – 4653.2)    |
| 37094.5 (26912.2 – 52184.7) |
| 13809.3 (11797.2 – 16054.3) |
| 92.6 (58.4 – 142.8)         |
| 809.5 (489.5 – 1174.7)      |
| 2.6 (1.7 – 5.2)             |
| 1036.1 (907.4 – 1173.6)     |
| 4631.5 (3970.9 – 5317.9)    |
| 3281.9 (2815.5 – 3774.2)    |
| 1203.8 (851.7 – 1601.8)     |

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| 8933.8 (7847.4 – 10110.6)      |
| 1946.1 (1037.1 – 3285.5)       |
| 1086.2 (604.1 – 3157.8)        |
| 8900.4 (5061.9 – 15077.3)      |
| 5042.1 (4308.1 – 5564.0)       |
| 98.6 (58.6 – 166.2)            |
| 4.1 (2.8 – 5.3)                |
| 1036.9 (678.9 – 1365.9)        |
| 2132.6 (1684.3 – 2651.8)       |
| 16541.8 (10505.0 – 21032.0)    |
| 254.7 (164.2 – 333.6)          |
| 123.0 (63.8 – 207.7)           |
| 690.3 (415.6 – 1077.2)         |
| 1278.4 (1090.3 – 1477.1)       |
| 120.4 (69.1 – 191.3)           |
| 6370.4 (4057.2 – 9930.1)       |
| 33.7 (21.5 – 46.8)             |
| 7847.8 (6421.1 – 8892.1)       |
| 64054.2 (51558.2 – 72618.6)    |
| 235.6 (138.8 – 347.7)          |
| 218.4 (127.3 – 345.8)          |
| 2346.6 (2009.9 – 2800.5)       |
| 124470.5 (99862.9 – 141137.5)  |
| 3520.3 (2216.3 – 5435.1)       |
| 12297.5 (10226.3 – 13770.8)    |
| 22.1 (15.4 – 32.2)             |
| 13.2 (11.5 – 15.0)             |
| 28.7 (20.8 – 37.2)             |
| 863.2 (742.8 – 1005.9)         |
| 1120.9 (605.2 – 1796.9)        |
| 217.6 (128.2 – 341.5)          |
| 205.1 (155.7 – 271.0)          |
| 2298.0 (1165.3 – 3796.9)       |
| 1194.9 (711.0 – 1678.4)        |
| 13348.0 (11827.0 – 14914.1)    |
| 289.1 (239.3 – 329.5)          |
| 158556.3 (107622.7 – 204820.5) |
| 6477.1 (3155.0 – 22162.5)      |
| 11727.7 (8911.7 – 16841.8)     |
| 4373.9 (2880.3 – 6150.8)       |
| 1900.6 (1586.1 – 2153.5)       |
| 5265.0 (4385.4 – 5886.3)       |
| 60325.8 (48529.0 – 69682.4)    |
| 233.1 (181.1 – 295.6)          |
| 169461.7 (123532.0 – 199413.8) |
| 659.5 (455.5 – 918.0)          |
| 1707.9 (1390.7 – 2114.7)       |
| 3820.0 (2657.2 – 5517.1)       |
| 59.1 (39.0 – 85.2)             |
| 258.9 (223.6 – 297.2)          |

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| 258.0 (204.1 – 328.0)       |
| 135.3 (63.9 – 493.9)        |
| 1076.8 (924.0 – 1271.0)     |
| 1424.0 (1016.1 – 1865.6)    |
| 256.0 (155.8 – 391.9)       |
| 455.2 (235.7 – 725.0)       |
| 1849.4 (1052.1 – 2957.8)    |
| 1059.5 (894.3 – 1277.0)     |
| 713.2 (606.4 – 793.7)       |
| 4938.7 (2985.4 – 7502.3)    |
| 1421.7 (816.1 – 2225.9)     |
| 1646.8 (1279.4 – 2380.4)    |
| 29.1 (20.1 – 37.4)          |
| 1800.1 (954.5 – 2820.3)     |
| 268.9 (226.1 – 306.1)       |
| 10.3 (5.3 – 18.7)           |
| 428.9 (274.0 – 663.5)       |
| 350.2 (316.4 – 375.0)       |
| 14957.9 (12860.1 – 17328.3) |
| 17.7 (10.9 – 30.6)          |
| 16.6 (10.3 – 24.5)          |
| 209.0 (140.4 – 296.4)       |
| 153.2 (102.9 – 205.8)       |
| 9227.1 (6059.4 – 13890.3)   |
| 2788.5 (1465.2 – 4948.3)    |
| 1317.6 (661.4 – 4560.4)     |
| 233.4 (139.8 – 400.6)       |
| 2.5 (1.4 – 4.7)             |
| 3191.8 (1970.1 – 4649.8)    |
| 22988.1 (18666.0 – 25686.4) |
| 3858.1 (3212.7 – 4324.2)    |
| 284.3 (176.9 – 363.6)       |
| 1445.2 (657.2 – 2604.9)     |
| 14804.0 (7845.7 – 23800.8)  |
| 0.4 (0.3 – 0.8)             |
| 580.0 (324.7 – 803.7)       |
| 13.1 (9.0 – 16.5)           |
| 6337.9 (5256.5 – 7146.5)    |
| 114.5 (79.3 – 150.8)        |
| 20846.8 (12097.7 – 34280.1) |
| 3.3 (2.2 – 6.3)             |
| 196.6 (145.4 – 262.4)       |
| 574.3 (470.8 – 684.4)       |
| 1243.3 (621.4 – 2268.2)     |
| 1753.5 (1164.8 – 2386.5)    |
| 2301.8 (1504.5 – 3243.5)    |
| 2063.6 (1144.2 – 2656.1)    |
| 28482.3 (25077.6 – 31281.9) |
| 10711.6 (8750.9 – 11988.6)  |
| 1155.5 (972.2 – 1360.6)     |

|                                |
|--------------------------------|
| 122.9 (75.0 – 185.8)           |
| 13271.5 (8365.2 – 17484.8)     |
| 372.5 (292.8 – 495.2)          |
| 8050.7 (6559.6 – 9910.9)       |
| 33868.6 (29464.5 – 40158.0)    |
| 1311.7 (845.5 – 2131.5)        |
| 12.1 (10.0 – 14.4)             |
| 27.7 (23.3 – 33.4)             |
| 18.6 (16.1 – 21.4)             |
| 29.1 (19.0 – 52.4)             |
| 15.1 (9.2 – 22.3)              |
| 21.0 (13.8 – 33.6)             |
| 5102.0 (3123.4 – 7277.6)       |
| 1463.4 (841.5 – 2407.8)        |
| 9547.2 (6089.2 – 12146.7)      |
| 9.1 (6.8 – 13.1)               |
| 732.6 (390.9 – 1165.7)         |
| 686.6 (576.3 – 836.8)          |
| 1805.8 (996.6 – 2449.9)        |
| 5481.9 (4532.7 – 6236.8)       |
| 46.7 (27.1 – 86.0)             |
| 1220.7 (502.1 – 2163.9)        |
| 7776.2 (5411.6 – 10572.7)      |
| 651.0 (329.5 – 1074.4)         |
| 49678.4 (39278.1 – 56426.9)    |
| 1305.0 (877.1 – 2275.6)        |
| 6231.0 (3109.5 – 10698.2)      |
| 113.9 (73.9 – 150.6)           |
| 9077.3 (7207.5 – 10564.2)      |
| 6418.2 (5082.1 – 7349.2)       |
| 8799.2 (5989.9 – 13650.7)      |
| 5406.9 (4698.9 – 6025.5)       |
| 82.8 (47.7 – 145.7)            |
| 8390.5 (4730.8 – 11591.6)      |
| 22.4 (10.6 – 75.6)             |
| 829.6 (459.7 – 1391.0)         |
| 0.4 (0.2 – 0.6)                |
| 9.3 (6.1 – 18.8)               |
| 245.2 (194.1 – 305.1)          |
| 2365.5 (1438.5 – 3943.7)       |
| 254.5 (196.1 – 334.8)          |
| 2.2 (1.4 – 3.9)                |
| 24819.7 (17468.3 – 33891.3)    |
| 2527.4 (1475.8 – 4263.6)       |
| 5040.9 (3677.4 – 6940.5)       |
| 931.8 (688.2 – 1368.7)         |
| 50040.0 (42993.3 – 55056.2)    |
| 5062.6 (3152.0 – 8661.2)       |
| 232320.7 (196312.1 – 260866.5) |
| 26.1 (17.7 – 39.6)             |

|                          |
|--------------------------|
| 3728.5 (3215.7 – 4150.3) |
| 2430.7 (1948.8 – 3002.4) |
| 35.2 (19.4 – 67.0)       |
| 5645.1 (4352.5 – 7350.7) |
| 2372.1 (1204.6 – 7713.1) |
| 4623.8 (2464.9 – 7718.9) |
| 2013.8 (1267.6 – 3131.2) |
| 2003.5 (1233.0 – 3114.2) |

# Supplementary Materials S5. Joinpoint Model

| Non-rheumatic valvular heart disease            |          |          |          |          |          |          |         |
|-------------------------------------------------|----------|----------|----------|----------|----------|----------|---------|
|                                                 | APC      |          |          |          |          | AAPC     | P value |
|                                                 | Segment1 | Segment2 | Segment3 | Segment4 | Segment5 |          |         |
| Global                                          | -0.2233* | 0.2956*  | 0.8740*  | -0.1686* | -1.0441* | 0.1101*  | <0.0001 |
| Low SDI                                         | -0.3286* | 0.0576*  | 0.3522*  | 0.7418*  | 0.4117*  | 0.1339*  | <0.0001 |
| Low-middle SDI                                  | -0.0617* | 0.3071*  | 0.5440*  | 1.1471*  | 0.5068*  | 0.3144*  | <0.0001 |
| Middle SDI                                      | 0.2357*  | 0.6899*  | 2.0205*  | 0.7527*  | -0.8374* | 0.5773*  | <0.0001 |
| High-middle SDI                                 | 0.4242*  | 0.6399*  | 1.2404*  | 0.2266*  | -0.9402* | 0.3971*  | <0.0001 |
| Hgh SDI                                         | 0.1187   | 1.0637*  | 1.2456*  | 0.1104*  | -0.7637* | 0.5675*  | <0.0001 |
|                                                 |          |          |          |          |          |          |         |
|                                                 |          |          |          |          |          |          |         |
|                                                 |          |          |          |          |          |          |         |
| Non-rheumatic calcific aortic valve disease     |          |          |          |          |          |          |         |
|                                                 | APC      |          |          |          |          | AAPC     | P value |
|                                                 | Segment1 | Segment2 | Segment3 | Segment4 | Segment5 |          |         |
| Global                                          | 0.3938*  | 1.5519*  | 0.2872*  | -0.1676* | -0.8375* | 0.4883*  | <0.0001 |
| Low SDI                                         | 0.0076   | 0.2975*  | 0.7112*  | 1.2850*  | 0.2263   | 0.5745*  | <0.0001 |
| Low-middle SDI                                  | 0.9732*  | 0.5620*  | 1.2320*  | 2.0480*  | -0.2441  | 0.9993*  | <0.0001 |
| Middle SDI                                      | 1.3380*  | 2.0445*  | 1.2317*  | 1.9825*  | 0.0797   | 1.4615*  | <0.0001 |
| High-middle SDI                                 | 1.3626*  | 2.8439*  | 1.7236*  | 0.8002*  | -0.9434* | 1.0685*  | <0.0001 |
| Hgh SDI                                         | 0.5450*  | 0.9590*  | 1.9376*  | 0.5862*  | 0.1683*  | 0.8769*  | <0.0001 |
|                                                 |          |          |          |          |          |          |         |
|                                                 |          |          |          |          |          |          |         |
|                                                 |          |          |          |          |          |          |         |
| Non-rheumatic degenerative mitral valve disease |          |          |          |          |          |          |         |
|                                                 | APC      |          |          |          |          | AAPC     | P value |
|                                                 | Segment1 | Segment2 | Segment3 | Segment4 | Segment5 |          |         |
| Global                                          | -0.6354* | -0.0002  | 0.4707*  | -0.3924* | -1.9381* | -0.2823* | <0.0001 |
| Low SDI                                         | -0.7425* | -0.5065* | -0.2279* | -0.1078* | 0.2936*  | -0.1886* | <0.0001 |
| Low-middle SDI                                  | -0.4921* | -0.2143* | 0.0743*  | 0.3602*  | 0.6565*  | -0.1372* | <0.0001 |
| Middle SDI                                      | -0.3373* | -0.0601  | 2.1053*  | 0.3214*  | -1.3572* | 0.0695*  | <0.0001 |
| High-middle SDI                                 | -0.4379* | 0.0416   | 1.1241*  | -0.123   | -0.8856* | -0.1530* | <0.0001 |
| Hgh SDI                                         | -0.3015* | 1.0202*  | 0.3880*  | -0.0151  | -1.7205* | 0.1975*  | <0.0001 |
|                                                 |          |          |          |          |          |          |         |

\* Indicates that APC or AAPC is significantly different from zero at the alpha = 0.05 level

**Supplementary Materials S6. Data used for APC model**

|               | <b>1990-1991</b> | <b>1990-1991p</b> | <b>1992-1996</b> | <b>1992-1996p</b> | <b>1997-2001</b> |
|---------------|------------------|-------------------|------------------|-------------------|------------------|
| <b>&lt;5</b>  | 0                | 300633548.8       | 0                | 298257678.5       | 0                |
| <b>5-9</b>    | 0                | 285958684.5       | 0                | 295888583         | 0                |
| <b>10-14</b>  | 0                | 262883295.7       | 0                | 276697832.7       | 0                |
| <b>15-19</b>  | 410.5931         | 255410765.4       | 427.4880255      | 256868886.8       | 432.4198676      |
| <b>20-24</b>  | 1197.001         | 245158519.1       | 1249.162118      | 249785247.2       | 1217.227487      |
| <b>25-29</b>  | 1931.795         | 223304675.4       | 2016.590765      | 237643771.3       | 1965.933516      |
| <b>30-34</b>  | 2527.934         | 191451036.5       | 2726.358972      | 210608626.6       | 2646.863767      |
| <b>35-39</b>  | 2965.988         | 175556364.2       | 3255.628856      | 185118771.4       | 3250.661787      |
| <b>40-44</b>  | 5038.762         | 143717645.5       | 5601.082133      | 162773757.6       | 5775.517887      |
| <b>45-49</b>  | 7464.966         | 114574067.6       | 8594.500711      | 129949476.7       | 9567.061664      |
| <b>50-54</b>  | 18231.26         | 105490118.8       | 18329.21149      | 107765129.3       | 20163.01382      |
| <b>55-59</b>  | 33190.09         | 93000345.25       | 34861.55455      | 98417976.04       | 34864.45939      |
| <b>60-64</b>  | 65438.35         | 82758145.78       | 66114.11341      | 86466329.04       | 72371.42194      |
| <b>65-69</b>  | 102032.4         | 67194973.67       | 108367.9244      | 72947039.71       | 119727.3468      |
| <b>70-74</b>  | 78306.32         | 47875706.2        | 92499.53198      | 54871482.73       | 110858.0785      |
| <b>75-79</b>  | 43997.71         | 36329074.44       | 44115.03553      | 36753443.12       | 57051.11062      |
| <b>80-84</b>  | 20650.61         | 22441012.86       | 23073.08202      | 24387619.96       | 23696.52556      |
| <b>85-90</b>  | 8483.761         | 10269177.07       | 9642.007863      | 11798593.87       | 10222.89771      |
| <b>90-94</b>  | 2928.533         | 3131650.186       | 3326.347095      | 3845918.182       | 3258.936156      |
| <b>&gt;95</b> | 999.3607         | 773225.8404       | 1076.489768      | 909573.2278       | 996.3049909      |

\*The even columns represent age-stratified data for female NRVHD, while the odd columns represent gl

| <b>1997-2001p</b> | <b>2002-2006</b> | <b>2002-2006p</b> | <b>2007-2011</b> | <b>2007-2011p</b> | <b>2012-2016</b> |
|-------------------|------------------|-------------------|------------------|-------------------|------------------|
| 294193688.5       | 0                | 298653225.8       | 0                | 313154649.1       | 0                |
| 292371755         | 0                | 288207706.6       | 0                | 294380433.8       | 0                |
| 298087905.6       | 0                | 296550495.6       | 0                | 291686954.7       | 0                |
| 273803767.3       | 457.0607293      | 299443892.2       | 468.554          | 299750225.5       | 469.4545         |
| 253638151.1       | 1306.868613      | 272158756         | 1424.624         | 300035347.2       | 1453.868         |
| 247298142.2       | 2040.045424      | 252305176.6       | 2258.362         | 271527133.4       | 2449.566         |
| 235166247         | 2764.81763       | 245715440.9       | 2960.306         | 251369887.7       | 3268.837         |
| 207529074.8       | 3413.397365      | 232611114.5       | 3676.931         | 243584780.8       | 3927.544         |
| 179186811.3       | 6267.303128      | 201725380.1       | 6767.599         | 227341145.7       | 7238.044         |
| 156496940.6       | 10476.43038      | 173295710.3       | 11560.03         | 196602234.4       | 12587.3          |
| 123900553.2       | 23879.7857       | 150918471.3       | 26555.73         | 168738142.6       | 29253.98         |
| 102469603.8       | 40430.9002       | 119311596.2       | 48557.74         | 146906842         | 54228.21         |
| 93701404.41       | 79452.75353      | 98496133.35       | 97107.61         | 116136575         | 116419.7         |
| 78716050.81       | 137518.2921      | 86217744.01       | 155492.6         | 91670154.77       | 186163.1         |
| 63061120.76       | 123536.5931      | 68877870.77       | 144173.3         | 76613675.38       | 158256.7         |
| 43748249.56       | 67511.92075      | 51035951.87       | 77763.72         | 56835805.7        | 90769.17         |
| 25598787.47       | 30897.87165      | 31350418.86       | 38859.16         | 37388672.91       | 45636.72         |
| 13725622.25       | 11513.43447      | 14905516.19       | 16183.21         | 19020251.05       | 20113            |
| 4901146.419       | 4081.379127      | 5907069.552       | 5481.509         | 6790583.43        | 7544.441         |
| 1226917.633       | 1332.862464      | 1667563.686       | 2024.362         | 2162261.989       | 2776.948         |

lobal female population age-stratified data.

| <b>2012-2016p</b> | <b>2017-2021</b> | <b>2017-2021p</b> |
|-------------------|------------------|-------------------|
| 324618172.1       | 0                | 325892752.7       |
| 312112782.6       | 0                | 327204972         |
| 297165916.7       | 0                | 315270318.3       |
| 293855173.2       | 482.3377         | 298458927.9       |
| 299267079.6       | 1450.809         | 293363559.7       |
| 297948024.5       | 2486.467         | 295411275.6       |
| 269791770.1       | 3523.73          | 295074995.9       |
| 248767725         | 4312.84          | 266657616.8       |
| 238377670.4       | 7712.772         | 243570870.7       |
| 222395698.9       | 13577.01         | 233516065.6       |
| 192241471.4       | 31293.94         | 217654314.2       |
| 164763279.9       | 58673.14         | 187658903.5       |
| 143444529.3       | 126095.5         | 160290734.8       |
| 109217887.1       | 215824.3         | 135242676.7       |
| 82468263.41       | 187032.4         | 98998479.81       |
| 64395624.49       | 102678           | 70044895.7        |
| 42464972.99       | 55390.7          | 48828643.63       |
| 23250413.19       | 23544.34         | 26965028.82       |
| 9074090.206       | 9065.601         | 11308500.57       |
| 2671984.962       | 3562.34          | 3567131.571       |

# Supplementary Materials S7. Data used for Decomposition Analysis

|   | location  | Overll difference | Aging    | Population | Epidemiol | a_percent | p_percent | r_percent |
|---|-----------|-------------------|----------|------------|-----------|-----------|-----------|-----------|
| 1 | Global    | 487191.4          | 169843   | 296998.2   | 20350.22  | 34.86     | 60.96     | 4.18      |
| 2 | High SDI  | 248641.94         | 92798.99 | 90251.21   | 65591.74  | 37.32     | 36.3      | 26.38     |
| 3 | High-midd | 121896.2          | 54230.83 | 47003.93   | 20661.43  | 44.49     | 38.56     | 16.95     |
| 4 | Middle SD | 81743.6           | 32808.57 | 35791.3    | 13143.74  | 40.14     | 43.78     | 16.08     |
| 5 | Low-midd  | 28561.1           | 6691.542 | 18986.63   | 2882.935  | 23.43     | 66.48     | 10.09     |
| 6 | Low SDI   | 5883.54           | -183.156 | 5858.768   | 207.933   | -3.11     | 99.58     | 3.53      |

|   | location  | Overll difference | Aging    | Population | Epidemiol | a_percent | p_percent | r_percent |
|---|-----------|-------------------|----------|------------|-----------|-----------|-----------|-----------|
| 1 | Global    | 288801.42         | 90300.21 | 150970.2   | 47531.04  | 31.27     | 52.27     | 16.46     |
| 2 | High SDI  | 164252.26         | 56094.33 | 52380.03   | 55777.9   | 34.15     | 31.89     | 33.96     |
| 3 | High-midd | 70398.38          | 24773.94 | 21156.59   | 24467.85  | 35.19     | 30.05     | 34.76     |
| 4 | Middle SD | 37304.41          | 12098.08 | 13159.91   | 12046.43  | 32.43     | 35.28     | 32.29     |
| 5 | Low-midd  | 13807.4           | 2758.721 | 7439.473   | 3609.202  | 19.98     | 53.88     | 26.14     |
| 6 | Low SDI   | 2684.15           | -49.338  | 2242.986   | 490.507   | -1.84     | 83.56     | 18.27     |

|   | location  | Overll difference | Aging    | Population | Epidemiol | a_percent | p_percent | r_percent |
|---|-----------|-------------------|----------|------------|-----------|-----------|-----------|-----------|
| 1 | Global    | 198389.98         | 79542.75 | 146028.1   | -27180.8  | 40.09     | 73.61     | -13.7     |
| 2 | High SDI  | 84389.68          | 36704.66 | 37871.18   | 9813.843  | 43.49     | 44.88     | 11.63     |
| 3 | High-midd | 51497.81          | 29456.89 | 25847.34   | -3806.42  | 57.2      | 50.19     | -7.39     |
| 4 | Middle SD | 44439.19          | 20710.49 | 22631.39   | 1097.306  | 46.6      | 50.93     | 2.47      |
| 5 | Low-midd  | 14753.71          | 3932.821 | 11547.15   | -726.267  | 26.66     | 78.27     | -4.92     |
| 6 | Low SDI   | 3199.39           | -133.818 | 3615.782   | -282.574  | -4.18     | 113.01    | -8.83     |

| val_1990 | val_2021 | diff     |
|----------|----------|----------|
| 391872.7 | 879064.1 | 487191.4 |
| 229238.2 | 477880.1 | 248641.9 |
| 104476   | 226372.2 | 121896.2 |
| 37331.63 | 119075.2 | 81743.6  |
| 16273.18 | 44834.28 | 28561.1  |
| 4084.566 | 9968.111 | 5883.545 |

| val_1990 | val_2021 | diff     |
|----------|----------|----------|
| 185018.3 | 473819.7 | 288801.4 |
| 125078.7 | 289330.9 | 164252.3 |
| 41166.19 | 111564.6 | 70398.38 |
| 11519.19 | 48823.6  | 37304.41 |
| 5584.695 | 19392.09 | 13807.4  |
| 1436.63  | 4120.785 | 2684.155 |

| val_1990 | val_2021 | diff     |
|----------|----------|----------|
| 206854.4 | 405244.4 | 198390   |
| 104159.5 | 188549.2 | 84389.68 |
| 63309.84 | 114807.7 | 51497.81 |
| 25812.45 | 70251.63 | 44439.19 |
| 10688.48 | 25442.19 | 14753.71 |
| 2647.937 | 5847.327 | 3199.39  |

**Supplementary Materials S8. Predicted Incidence Data till 2046**

|             | <b>NRVHD</b>  |            | <b>NRAVD</b>  |            | <b>NRMVD</b>  |            |
|-------------|---------------|------------|---------------|------------|---------------|------------|
| <b>year</b> | <b>number</b> | <b>ASR</b> | <b>number</b> | <b>ASR</b> | <b>number</b> | <b>ASR</b> |
| 1990        | 391872.7      | 21.63      | 185018.3      | 10.38      | 206854.4      | 11.26      |
| 1991        | 399718.1      | 21.56      | 189855.9      | 10.4       | 209862.2      | 11.16      |
| 1992        | 408057.5      | 21.52      | 194898.2      | 10.44      | 213159.2      | 11.08      |
| 1993        | 416695        | 21.49      | 200057.5      | 10.48      | 216637.6      | 11.01      |
| 1994        | 425155.3      | 21.45      | 205221.5      | 10.51      | 219933.9      | 10.94      |
| 1995        | 433410.9      | 21.41      | 210481.7      | 10.54      | 222929.3      | 10.87      |
| 1996        | 443061.8      | 21.42      | 216145        | 10.58      | 226916.8      | 10.84      |
| 1997        | 454633.6      | 21.5       | 222297.1      | 10.63      | 232336.5      | 10.87      |
| 1998        | 466926.3      | 21.61      | 228652.6      | 10.67      | 238273.7      | 10.93      |
| 1999        | 478672.5      | 21.68      | 234991.7      | 10.71      | 243680.9      | 10.97      |
| 2000        | 489269.6      | 21.7       | 241390        | 10.75      | 247879.6      | 10.95      |
| 2001        | 500826.8      | 21.73      | 249063.8      | 10.83      | 251763.1      | 10.91      |
| 2002        | 515218.9      | 21.88      | 258668.1      | 10.99      | 256550.8      | 10.89      |
| 2003        | 531088.1      | 22.09      | 269374        | 11.18      | 261714.1      | 10.9       |
| 2004        | 547229.1      | 22.28      | 280317.6      | 11.37      | 266911.4      | 10.9       |
| 2005        | 562311.9      | 22.41      | 290510.2      | 11.52      | 271801.7      | 10.89      |
| 2006        | 578560.7      | 22.54      | 301273.6      | 11.66      | 277287        | 10.88      |
| 2007        | 599413.1      | 22.79      | 314168.5      | 11.86      | 285244.6      | 10.94      |
| 2008        | 621682.5      | 23.08      | 327824.2      | 12.06      | 293858.3      | 11.02      |
| 2009        | 643696.7      | 23.3       | 341020.8      | 12.23      | 302675.9      | 11.07      |
| 2010        | 662336        | 23.39      | 352195.7      | 12.3       | 310140.3      | 11.09      |
| 2011        | 679448.5      | 23.35      | 362260.2      | 12.31      | 317188.3      | 11.04      |
| 2012        | 700216.6      | 23.38      | 373720.7      | 12.34      | 326495.9      | 11.03      |
| 2013        | 721327        | 23.4       | 385388.3      | 12.38      | 335938.7      | 11.02      |
| 2014        | 742999.3      | 23.37      | 396887.3      | 12.37      | 346112.1      | 10.99      |
| 2015        | 763685.2      | 23.32      | 407864.8      | 12.36      | 355820.4      | 10.96      |
| 2016        | 784554.8      | 23.21      | 418896.8      | 12.32      | 365658        | 10.89      |
| 2017        | 806581.3      | 23.12      | 431254.7      | 12.3       | 375326.5      | 10.82      |
| 2018        | 829098.4      | 23.04      | 443936        | 12.29      | 385162.3      | 10.75      |
| 2019        | 851212.1      | 22.92      | 455810.2      | 12.24      | 395401.9      | 10.68      |
| 2020        | 867574.9      | 22.68      | 464488.9      | 12.13      | 403086.1      | 10.55      |
| 2021        | 879064.1      | 22.36      | 473819.7      | 12.05      | 405244.4      | 10.31      |
| 2022        | 915012.7      | 22.48      | 492538.4      | 12.08      | 421462.3      | 10.38      |
| 2023        | 936794.4      | 22.37      | 505355.3      | 12.04      | 430045.2      | 10.3       |
| 2024        | 958746.8      | 22.26      | 518681.8      | 12         | 438258.4      | 10.22      |
| 2025        | 980258.2      | 22.14      | 531878.8      | 11.95      | 446360.1      | 10.15      |
| 2026        | 1001669       | 22.02      | 545173.8      | 11.9       | 454264.8      | 10.07      |
| 2027        | 1022868       | 21.9       | 558387.9      | 11.85      | 462042.5      | 10         |
| 2028        | 1044195       | 21.78      | 571830.5      | 11.8       | 469714.7      | 9.92       |
| 2029        | 1065814       | 21.66      | 585701.7      | 11.75      | 477234.2      | 9.85       |
| 2030        | 1087852       | 21.55      | 599685.9      | 11.7       | 485670.4      | 9.8        |
| 2031        | 1109518       | 21.43      | 613526.4      | 11.64      | 493905.1      | 9.75       |
| 2032        | 1130498       | 21.32      | 626966.6      | 11.59      | 501880        | 9.69       |
| 2033        | 1151110       | 21.21      | 640224.9      | 11.54      | 509694.4      | 9.64       |
| 2034        | 1171636       | 21.09      | 653547.6      | 11.48      | 517375.7      | 9.59       |
| 2035        | 1193315       | 21.01      | 667082.3      | 11.43      | 526744.3      | 9.57       |

|             |         |       |          |       |          |      |
|-------------|---------|-------|----------|-------|----------|------|
| <b>2036</b> | 1214229 | 20.92 | 680304.8 | 11.39 | 535708.3 | 9.56 |
| <b>2037</b> | 1234047 | 20.84 | 693039.7 | 11.34 | 544109.5 | 9.54 |
| <b>2038</b> | 1252789 | 20.76 | 705455.3 | 11.29 | 551804   | 9.53 |
| <b>2039</b> | 1270748 | 20.67 | 717754.8 | 11.25 | 558876   | 9.51 |
| <b>2040</b> | 1289930 | 20.62 | 730438.2 | 11.21 | 567000.3 | 9.52 |
| <b>2041</b> | 1308536 | 20.56 | 742803.1 | 11.17 | 574915.7 | 9.52 |
| <b>2042</b> | 1326659 | 20.51 | 754756.1 | 11.13 | 582809.5 | 9.53 |
| <b>2043</b> | 1344370 | 20.45 | 766481   | 11.09 | 590574.1 | 9.54 |
| <b>2044</b> | 1361700 | 20.4  | 778115   | 11.06 | 598109.1 | 9.54 |
| <b>2045</b> | 1378712 | 20.34 | 789522.3 | 11.02 | 605606.6 | 9.55 |
| <b>2046</b> | 1395483 | 20.29 | 800587   | 10.98 | 613253.8 | 9.56 |

## Supplementary Materials S9. Formulas for APC and AAPC

**APC (Annual Percent Change)** is a measure used to describe the percentage change in a time series dataset over a specific period, assuming a constant trend. APC is calculated based on a log-linear model, assuming that the data changes linearly on a logarithmic scale. The formula for APC is:

$$APC = 100 \times (e^{\beta_1} - 1)$$

where  $\beta_1$  is the slope in the regression model.

APC is mainly used to assess the internal trend within each segment of a segmented function or to evaluate the overall trend when no joinpoints are present.

**AAPC (Average Annual Percent Change)** is a summary measure that provides an average percentage change over the entire study period. It is calculated as follows:

$$AAPC = 100 \times [e^{\frac{\sum W_i \beta_i}{\sum W_i}} - 1]$$

where  $W_i$  is the width of each segment interval (i.e., the number of years in the interval), and  $\beta_i$  is the regression coefficient for each interval.

The advantage of AAPC is that it can integrate trends from multiple time periods, especially when trends change significantly, providing an overall average trend.

ant rate of change. For example, if the APC is 1% and the incidence rate in a given year is 50/100,000, the incidence rate in the following year would be !

resent.

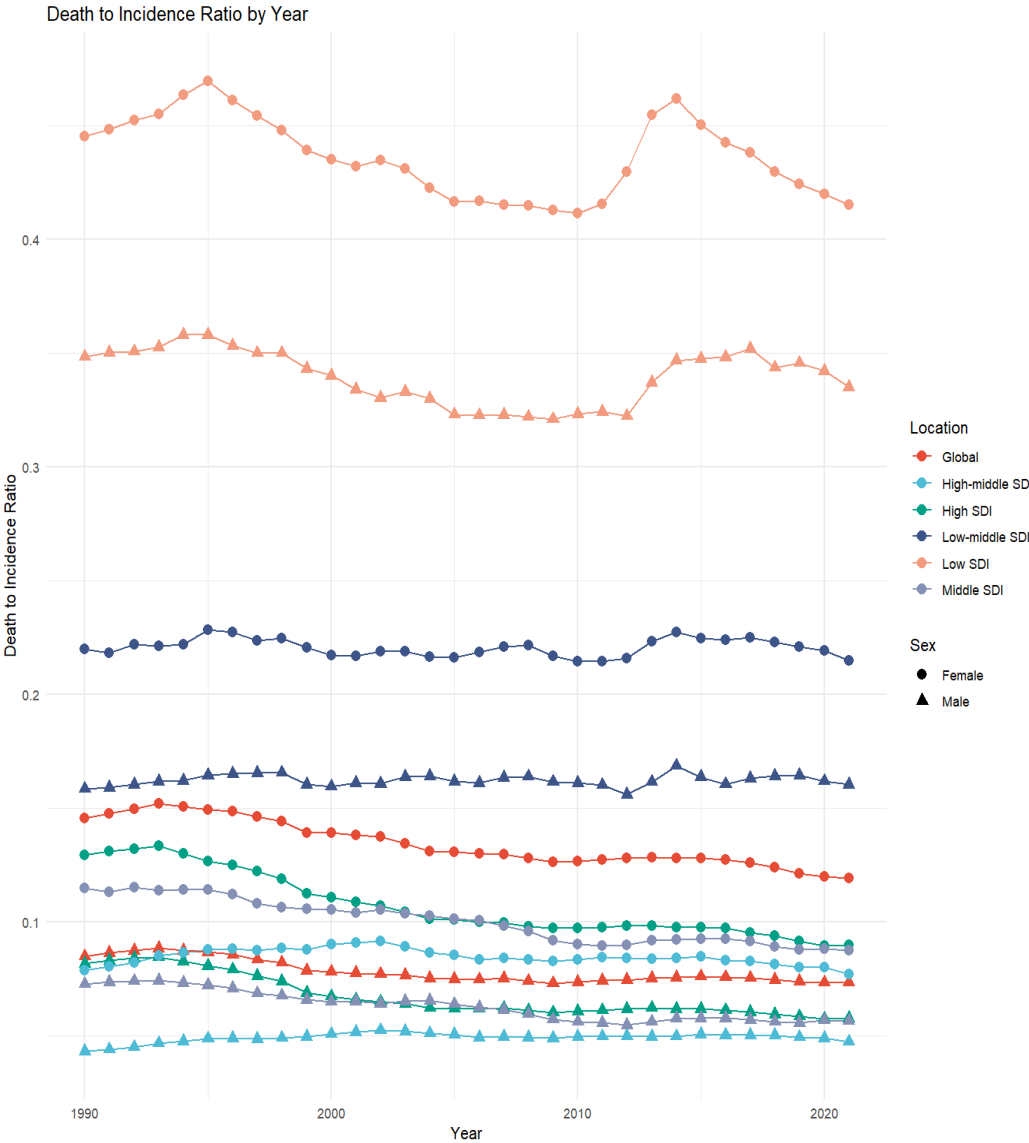
ilated by taking a weighted average of the APCs from different segments of a segmented regression model, providing a more comprehensive reflection

rage rate of change.

$$50 \times 1.01 = 50.5/100,000.$$

of the overall trend. **The formula for AAPC is:**

Supplementary Materials S10. Temporal Changes in Mortality to Incidence Ratios Across Different SDI Regio



|    | location | year | sex    | deaths  | Mortality | Mortality_to_incidence_ratio |
|----|----------|------|--------|---------|-----------|------------------------------|
| 1  | Global   | 1990 | Female | 2.65661 | 18.25849  | 0.145500053                  |
| 2  | Global   | 1990 | Male   | 2.54879 | 30.04474  | 0.084833074                  |
| 3  | Global   | 1991 | Female | 2.68793 | 18.20073  | 0.1476824                    |
| 4  | Global   | 1991 | Male   | 2.58189 | 29.92207  | 0.086286984                  |
| 5  | Global   | 1992 | Female | 2.71757 | 18.16214  | 0.149628378                  |
| 6  | Global   | 1992 | Male   | 2.60831 | 29.82778  | 0.087445754                  |
| 7  | Global   | 1993 | Female | 2.7584  | 18.13399  | 0.152112124                  |
| 8  | Global   | 1993 | Male   | 2.63145 | 29.74997  | 0.088452186                  |
| 9  | Global   | 1994 | Female | 2.72471 | 18.10063  | 0.150531197                  |
| 10 | Global   | 1994 | Male   | 2.59224 | 29.66158  | 0.08739379                   |
| 11 | Global   | 1995 | Female | 2.69597 | 18.06789  | 0.14921333                   |

|    |        |      |        |         |          |             |
|----|--------|------|--------|---------|----------|-------------|
| 12 | Global | 1995 | Male   | 2.56202 | 29.58326 | 0.08660382  |
| 13 | Global | 1996 | Female | 2.68554 | 18.0745  | 0.14858171  |
| 14 | Global | 1996 | Male   | 2.53633 | 29.61714 | 0.085637198 |
| 15 | Global | 1997 | Female | 2.65103 | 18.14031 | 0.146140472 |
| 16 | Global | 1997 | Male   | 2.49006 | 29.81647 | 0.083512748 |
| 17 | Global | 1998 | Female | 2.62762 | 18.22453 | 0.144180594 |
| 18 | Global | 1998 | Male   | 2.46824 | 30.07168 | 0.082078591 |
| 19 | Global | 1999 | Female | 2.54043 | 18.28152 | 0.138961594 |
| 20 | Global | 1999 | Male   | 2.37764 | 30.25795 | 0.07857897  |
| 21 | Global | 2000 | Female | 2.54301 | 18.29935 | 0.138967307 |
| 22 | Global | 2000 | Male   | 2.36581 | 30.32623 | 0.078012116 |
| 23 | Global | 2001 | Female | 2.52954 | 18.33087 | 0.137993424 |
| 24 | Global | 2001 | Male   | 2.34969 | 30.32656 | 0.077479586 |
| 25 | Global | 2002 | Female | 2.53327 | 18.45418 | 0.137273424 |
| 26 | Global | 2002 | Male   | 2.34338 | 30.42361 | 0.077025152 |
| 27 | Global | 2003 | Female | 2.50264 | 18.62571 | 0.134364709 |
| 28 | Global | 2003 | Male   | 2.34158 | 30.58378 | 0.076562802 |
| 29 | Global | 2004 | Female | 2.46286 | 18.7851  | 0.131106935 |
| 30 | Global | 2004 | Male   | 2.3148  | 30.7503  | 0.075277394 |
| 31 | Global | 2005 | Female | 2.46914 | 18.89486 | 0.130677923 |
| 32 | Global | 2005 | Male   | 2.31707 | 30.91921 | 0.074939598 |
| 33 | Global | 2006 | Female | 2.46699 | 18.99696 | 0.129862529 |
| 34 | Global | 2006 | Male   | 2.32508 | 31.13514 | 0.074677118 |
| 35 | Global | 2007 | Female | 2.49082 | 19.20596 | 0.129689993 |
| 36 | Global | 2007 | Male   | 2.37066 | 31.55318 | 0.075132129 |
| 37 | Global | 2008 | Female | 2.4884  | 19.44514 | 0.127970538 |
| 38 | Global | 2008 | Male   | 2.36882 | 32.02317 | 0.073972049 |
| 39 | Global | 2009 | Female | 2.47903 | 19.62791 | 0.126301091 |
| 40 | Global | 2009 | Male   | 2.36247 | 32.38969 | 0.072938946 |
| 41 | Global | 2010 | Female | 2.49546 | 19.70498 | 0.126641222 |
| 42 | Global | 2010 | Male   | 2.39794 | 32.57933 | 0.073603261 |
| 43 | Global | 2011 | Female | 2.50583 | 19.67164 | 0.127382901 |
| 44 | Global | 2011 | Male   | 2.42104 | 32.59384 | 0.074279068 |
| 45 | Global | 2012 | Female | 2.5217  | 19.69293 | 0.12805092  |
| 46 | Global | 2012 | Male   | 2.43446 | 32.70533 | 0.074436259 |
| 47 | Global | 2013 | Female | 2.52609 | 19.70623 | 0.128187494 |
| 48 | Global | 2013 | Male   | 2.4664  | 32.79371 | 0.075209429 |
| 49 | Global | 2014 | Female | 2.5193  | 19.67876 | 0.128021206 |
| 50 | Global | 2014 | Male   | 2.47969 | 32.80869 | 0.075580236 |
| 51 | Global | 2015 | Female | 2.51518 | 19.63939 | 0.128068248 |
| 52 | Global | 2015 | Male   | 2.49246 | 32.79619 | 0.075998327 |
| 53 | Global | 2016 | Female | 2.49142 | 19.54959 | 0.127441166 |
| 54 | Global | 2016 | Male   | 2.47486 | 32.68026 | 0.075729573 |
| 55 | Global | 2017 | Female | 2.45171 | 19.48114 | 0.125850618 |
| 56 | Global | 2017 | Male   | 2.45553 | 32.57551 | 0.075379575 |
| 57 | Global | 2018 | Female | 2.40532 | 19.41337 | 0.12390011  |
| 58 | Global | 2018 | Male   | 2.41978 | 32.45193 | 0.074565164 |

|     |          |      |        |         |          |             |
|-----|----------|------|--------|---------|----------|-------------|
| 59  | Global   | 2019 | Female | 2.34396 | 19.31766 | 0.12133765  |
| 60  | Global   | 2019 | Male   | 2.38116 | 32.28673 | 0.07375037  |
| 61  | Global   | 2020 | Female | 2.28856 | 19.11617 | 0.119718476 |
| 62  | Global   | 2020 | Male   | 2.3448  | 31.98871 | 0.073300715 |
| 63  | Global   | 2021 | Female | 2.24758 | 18.85161 | 0.11922479  |
| 64  | Global   | 2021 | Male   | 2.32127 | 31.63898 | 0.073367386 |
| 65  | High SDI | 1990 | Female | 4.66282 | 36.02974 | 0.129415812 |
| 66  | High SDI | 1990 | Male   | 5.31262 | 65.12216 | 0.081579324 |
| 67  | High SDI | 1991 | Female | 4.72328 | 36.01441 | 0.131149582 |
| 68  | High SDI | 1991 | Male   | 5.38722 | 64.92722 | 0.082973147 |
| 69  | High SDI | 1992 | Female | 4.75685 | 36.04153 | 0.131982466 |
| 70  | High SDI | 1992 | Male   | 5.43988 | 64.79637 | 0.083953498 |
| 71  | High SDI | 1993 | Female | 4.81295 | 36.10573 | 0.1333016   |
| 72  | High SDI | 1993 | Male   | 5.46604 | 64.72281 | 0.08445304  |
| 73  | High SDI | 1994 | Female | 4.70486 | 36.18587 | 0.130019345 |
| 74  | High SDI | 1994 | Male   | 5.34013 | 64.67506 | 0.08256865  |
| 75  | High SDI | 1995 | Female | 4.59686 | 36.27999 | 0.126705226 |
| 76  | High SDI | 1995 | Male   | 5.2197  | 64.68511 | 0.080693943 |
| 77  | High SDI | 1996 | Female | 4.56666 | 36.51355 | 0.125067538 |
| 78  | High SDI | 1996 | Male   | 5.15029 | 65.1163  | 0.079093646 |
| 79  | High SDI | 1997 | Female | 4.51073 | 36.92747 | 0.122150987 |
| 80  | High SDI | 1997 | Male   | 5.036   | 66.08823 | 0.076201128 |
| 81  | High SDI | 1998 | Female | 4.45006 | 37.40629 | 0.118965456 |
| 82  | High SDI | 1998 | Male   | 4.9629  | 67.24454 | 0.073803768 |
| 83  | High SDI | 1999 | Female | 4.24918 | 37.82849 | 0.112327407 |
| 84  | High SDI | 1999 | Male   | 4.6952  | 68.20497 | 0.068839602 |
| 85  | High SDI | 2000 | Female | 4.21875 | 38.13183 | 0.11063597  |
| 86  | High SDI | 2000 | Male   | 4.62109 | 68.71164 | 0.06725337  |
| 87  | High SDI | 2001 | Female | 4.18168 | 38.46013 | 0.108727539 |
| 88  | High SDI | 2001 | Male   | 4.54182 | 68.93294 | 0.065887519 |
| 89  | High SDI | 2002 | Female | 4.17002 | 38.97356 | 0.106996207 |
| 90  | High SDI | 2002 | Male   | 4.49694 | 69.28879 | 0.064901479 |
| 91  | High SDI | 2003 | Female | 4.1316  | 39.57763 | 0.104392251 |
| 92  | High SDI | 2003 | Male   | 4.46992 | 69.78957 | 0.064048474 |
| 93  | High SDI | 2004 | Female | 4.07309 | 40.1495  | 0.101448067 |
| 94  | High SDI | 2004 | Male   | 4.37857 | 70.33801 | 0.062250478 |
| 95  | High SDI | 2005 | Female | 4.09294 | 40.59969 | 0.100812139 |
| 96  | High SDI | 2005 | Male   | 4.3929  | 70.95341 | 0.061912444 |
| 97  | High SDI | 2006 | Female | 4.09845 | 41.02566 | 0.099899776 |
| 98  | High SDI | 2006 | Male   | 4.43645 | 71.72528 | 0.061853394 |
| 99  | High SDI | 2007 | Female | 4.14074 | 41.58782 | 0.099566171 |
| 100 | High SDI | 2007 | Male   | 4.52617 | 72.71494 | 0.062245409 |
| 101 | High SDI | 2008 | Female | 4.1369  | 42.1792  | 0.098079182 |
| 102 | High SDI | 2008 | Male   | 4.49932 | 73.7528  | 0.061005478 |
| 103 | High SDI | 2009 | Female | 4.1434  | 42.67695 | 0.097087442 |
| 104 | High SDI | 2009 | Male   | 4.49314 | 74.59544 | 0.060233436 |
| 105 | High SDI | 2010 | Female | 4.17898 | 42.98673 | 0.097215641 |

|     |           |      |        |         |          |             |
|-----|-----------|------|--------|---------|----------|-------------|
| 106 | High SDI  | 2010 | Male   | 4.55613 | 75.13681 | 0.06063781  |
| 107 | High SDI  | 2011 | Female | 4.20307 | 43.11434 | 0.097486598 |
| 108 | High SDI  | 2011 | Male   | 4.61303 | 75.41025 | 0.061172465 |
| 109 | High SDI  | 2012 | Female | 4.24555 | 43.21278 | 0.098247547 |
| 110 | High SDI  | 2012 | Male   | 4.65914 | 75.61543 | 0.061616203 |
| 111 | High SDI  | 2013 | Female | 4.24915 | 43.27205 | 0.098196286 |
| 112 | High SDI  | 2013 | Male   | 4.70682 | 75.7527  | 0.062134084 |
| 113 | High SDI  | 2014 | Female | 4.22989 | 43.30219 | 0.097683061 |
| 114 | High SDI  | 2014 | Male   | 4.68045 | 75.82101 | 0.061730191 |
| 115 | High SDI  | 2015 | Female | 4.22872 | 43.34309 | 0.097563812 |
| 116 | High SDI  | 2015 | Male   | 4.68975 | 75.91198 | 0.06177884  |
| 117 | High SDI  | 2016 | Female | 4.21299 | 43.39592 | 0.097082519 |
| 118 | High SDI  | 2016 | Male   | 4.65597 | 76.0434  | 0.061227812 |
| 119 | High SDI  | 2017 | Female | 4.1386  | 43.44661 | 0.09525722  |
| 120 | High SDI  | 2017 | Male   | 4.60045 | 76.18078 | 0.060388572 |
| 121 | High SDI  | 2018 | Female | 4.07679 | 43.49728 | 0.093725058 |
| 122 | High SDI  | 2018 | Male   | 4.52573 | 76.27094 | 0.059337576 |
| 123 | High SDI  | 2019 | Female | 3.98179 | 43.52879 | 0.091474826 |
| 124 | High SDI  | 2019 | Male   | 4.45669 | 76.24695 | 0.058450668 |
| 125 | High SDI  | 2020 | Female | 3.87805 | 43.40532 | 0.089344968 |
| 126 | High SDI  | 2020 | Male   | 4.35522 | 75.84121 | 0.057425461 |
| 127 | High SDI  | 2021 | Female | 3.84414 | 42.79468 | 0.089827593 |
| 128 | High SDI  | 2021 | Male   | 4.32998 | 75.18593 | 0.057590361 |
| 129 | High-midd | 1990 | Female | 1.42138 | 18.09183 | 0.078564602 |
| 130 | High-midd | 1990 | Male   | 1.55005 | 35.91339 | 0.04316078  |
| 131 | High-midd | 1991 | Female | 1.45797 | 18.13298 | 0.080404325 |
| 132 | High-midd | 1991 | Male   | 1.58325 | 35.98058 | 0.044002837 |
| 133 | High-midd | 1992 | Female | 1.49376 | 18.20687 | 0.082043598 |
| 134 | High-midd | 1992 | Male   | 1.62407 | 36.06081 | 0.045037103 |
| 135 | High-midd | 1993 | Female | 1.55459 | 18.299   | 0.084955156 |
| 136 | High-midd | 1993 | Male   | 1.68582 | 36.12044 | 0.046672204 |
| 137 | High-midd | 1994 | Female | 1.59176 | 18.38585 | 0.086575209 |
| 138 | High-midd | 1994 | Male   | 1.7151  | 36.11388 | 0.047491303 |
| 139 | High-midd | 1995 | Female | 1.62169 | 18.45096 | 0.087892019 |
| 140 | High-midd | 1995 | Male   | 1.75464 | 36.04847 | 0.048674599 |
| 141 | High-midd | 1996 | Female | 1.63257 | 18.52515 | 0.088127403 |
| 142 | High-midd | 1996 | Male   | 1.75464 | 35.93683 | 0.04882563  |
| 143 | High-midd | 1997 | Female | 1.63161 | 18.64465 | 0.087511045 |
| 144 | High-midd | 1997 | Male   | 1.73916 | 35.83603 | 0.048530932 |
| 145 | High-midd | 1998 | Female | 1.66494 | 18.78962 | 0.088609816 |
| 146 | High-midd | 1998 | Male   | 1.7516  | 35.74787 | 0.04899881  |
| 147 | High-midd | 1999 | Female | 1.66413 | 18.92296 | 0.087942478 |
| 148 | High-midd | 1999 | Male   | 1.76829 | 35.65047 | 0.04960084  |
| 149 | High-midd | 2000 | Female | 1.71162 | 19.01967 | 0.08999227  |
| 150 | High-midd | 2000 | Male   | 1.80425 | 35.58927 | 0.050696454 |
| 151 | High-midd | 2001 | Female | 1.73829 | 19.12648 | 0.090883723 |
| 152 | High-midd | 2001 | Male   | 1.83355 | 35.58695 | 0.051523064 |

|     |           |      |        |         |          |             |
|-----|-----------|------|--------|---------|----------|-------------|
| 153 | High-midd | 2002 | Female | 1.77129 | 19.33591 | 0.091606188 |
| 154 | High-midd | 2002 | Male   | 1.87128 | 35.7426  | 0.052354434 |
| 155 | High-midd | 2003 | Female | 1.74573 | 19.61534 | 0.088998324 |
| 156 | High-midd | 2003 | Male   | 1.86514 | 35.98811 | 0.051826518 |
| 157 | High-midd | 2004 | Female | 1.72    | 19.88847 | 0.086482171 |
| 158 | High-midd | 2004 | Male   | 1.84914 | 36.21612 | 0.051058548 |
| 159 | High-midd | 2005 | Female | 1.71567 | 20.10833 | 0.085321224 |
| 160 | High-midd | 2005 | Male   | 1.83668 | 36.41131 | 0.050442457 |
| 161 | High-midd | 2006 | Female | 1.69408 | 20.29726 | 0.083463729 |
| 162 | High-midd | 2006 | Male   | 1.80024 | 36.61149 | 0.049171399 |
| 163 | High-midd | 2007 | Female | 1.72971 | 20.57943 | 0.084050596 |
| 164 | High-midd | 2007 | Male   | 1.83071 | 37.03503 | 0.049431852 |
| 165 | High-midd | 2008 | Female | 1.74387 | 20.90966 | 0.083400084 |
| 166 | High-midd | 2008 | Male   | 1.84754 | 37.53733 | 0.049218787 |
| 167 | High-midd | 2009 | Female | 1.75217 | 21.17431 | 0.082749823 |
| 168 | High-midd | 2009 | Male   | 1.85021 | 37.92788 | 0.048782314 |
| 169 | High-midd | 2010 | Female | 1.78148 | 21.33175 | 0.083512987 |
| 170 | High-midd | 2010 | Male   | 1.89082 | 38.14068 | 0.049574895 |
| 171 | High-midd | 2011 | Female | 1.80177 | 21.37821 | 0.084280491 |
| 172 | High-midd | 2011 | Male   | 1.90012 | 38.18962 | 0.049754886 |
| 173 | High-midd | 2012 | Female | 1.80711 | 21.48009 | 0.084129327 |
| 174 | High-midd | 2012 | Male   | 1.91775 | 38.39314 | 0.049950328 |
| 175 | High-midd | 2013 | Female | 1.80579 | 21.59334 | 0.08362713  |
| 176 | High-midd | 2013 | Male   | 1.9149  | 38.61648 | 0.049587571 |
| 177 | High-midd | 2014 | Female | 1.81984 | 21.61683 | 0.084186252 |
| 178 | High-midd | 2014 | Male   | 1.92223 | 38.6875  | 0.049686067 |
| 179 | High-midd | 2015 | Female | 1.82697 | 21.57473 | 0.084680884 |
| 180 | High-midd | 2015 | Male   | 1.9551  | 38.6366  | 0.050602256 |
| 181 | High-midd | 2016 | Female | 1.77787 | 21.41139 | 0.083033686 |
| 182 | High-midd | 2016 | Male   | 1.93007 | 38.37871 | 0.05029018  |
| 183 | High-midd | 2017 | Female | 1.75146 | 21.21042 | 0.082575671 |
| 184 | High-midd | 2017 | Male   | 1.91448 | 38.07197 | 0.050285925 |
| 185 | High-midd | 2018 | Female | 1.70938 | 21.01571 | 0.081337978 |
| 186 | High-midd | 2018 | Male   | 1.89269 | 37.76384 | 0.050119175 |
| 187 | High-midd | 2019 | Female | 1.66576 | 20.8342  | 0.079953362 |
| 188 | High-midd | 2019 | Male   | 1.84785 | 37.48858 | 0.049290998 |
| 189 | High-midd | 2020 | Female | 1.6459  | 20.60245 | 0.079888614 |
| 190 | High-midd | 2020 | Male   | 1.8175  | 37.19041 | 0.048870151 |
| 191 | High-midd | 2021 | Female | 1.57655 | 20.4481  | 0.077100013 |
| 192 | High-midd | 2021 | Male   | 1.73592 | 36.67886 | 0.047327403 |
| 193 | Low SDI   | 1990 | Female | 1.60628 | 3.609416 | 0.445025612 |
| 194 | Low SDI   | 1990 | Male   | 1.37351 | 3.944669 | 0.348192869 |
| 195 | Low SDI   | 1991 | Female | 1.61081 | 3.594021 | 0.448190515 |
| 196 | Low SDI   | 1991 | Male   | 1.37786 | 3.935707 | 0.350091222 |
| 197 | Low SDI   | 1992 | Female | 1.61803 | 3.579296 | 0.452051769 |
| 198 | Low SDI   | 1992 | Male   | 1.37806 | 3.929674 | 0.350681697 |
| 199 | Low SDI   | 1993 | Female | 1.62206 | 3.566333 | 0.454824685 |

|     |         |      |        |         |          |             |
|-----|---------|------|--------|---------|----------|-------------|
| 200 | Low SDI | 1993 | Male   | 1.38406 | 3.926495 | 0.352492998 |
| 201 | Low SDI | 1994 | Female | 1.64732 | 3.554435 | 0.463455265 |
| 202 | Low SDI | 1994 | Male   | 1.40533 | 3.925835 | 0.357969798 |
| 203 | Low SDI | 1995 | Female | 1.66319 | 3.54432  | 0.469254725 |
| 204 | Low SDI | 1995 | Male   | 1.40618 | 3.928152 | 0.357975804 |
| 205 | Low SDI | 1996 | Female | 1.62922 | 3.534675 | 0.460925779 |
| 206 | Low SDI | 1996 | Male   | 1.38871 | 3.932596 | 0.353129256 |
| 207 | Low SDI | 1997 | Female | 1.60053 | 3.523268 | 0.454275075 |
| 208 | Low SDI | 1997 | Male   | 1.379   | 3.940922 | 0.349919306 |
| 209 | Low SDI | 1998 | Female | 1.57274 | 3.513074 | 0.447682655 |
| 210 | Low SDI | 1998 | Male   | 1.38265 | 3.950752 | 0.349972333 |
| 211 | Low SDI | 1999 | Female | 1.53945 | 3.505613 | 0.439139739 |
| 212 | Low SDI | 1999 | Male   | 1.35889 | 3.961047 | 0.343063653 |
| 213 | Low SDI | 2000 | Female | 1.52268 | 3.501961 | 0.434806491 |
| 214 | Low SDI | 2000 | Male   | 1.35003 | 3.971534 | 0.339926607 |
| 215 | Low SDI | 2001 | Female | 1.5126  | 3.502774 | 0.431829061 |
| 216 | Low SDI | 2001 | Male   | 1.33006 | 3.982922 | 0.333941806 |
| 217 | Low SDI | 2002 | Female | 1.52277 | 3.503047 | 0.434697378 |
| 218 | Low SDI | 2002 | Male   | 1.32007 | 3.997759 | 0.330202058 |
| 219 | Low SDI | 2003 | Female | 1.51029 | 3.504681 | 0.430933845 |
| 220 | Low SDI | 2003 | Male   | 1.33626 | 4.014134 | 0.33288863  |
| 221 | Low SDI | 2004 | Female | 1.48154 | 3.507317 | 0.42241385  |
| 222 | Low SDI | 2004 | Male   | 1.32982 | 4.030985 | 0.329898946 |
| 223 | Low SDI | 2005 | Female | 1.46084 | 3.509488 | 0.416254136 |
| 224 | Low SDI | 2005 | Male   | 1.30737 | 4.049268 | 0.3228666   |
| 225 | Low SDI | 2006 | Female | 1.46492 | 3.515628 | 0.416687361 |
| 226 | Low SDI | 2006 | Male   | 1.31377 | 4.072942 | 0.32256156  |
| 227 | Low SDI | 2007 | Female | 1.46185 | 3.522694 | 0.414979443 |
| 228 | Low SDI | 2007 | Male   | 1.32374 | 4.100644 | 0.322813611 |
| 229 | Low SDI | 2008 | Female | 1.46465 | 3.531457 | 0.414743079 |
| 230 | Low SDI | 2008 | Male   | 1.3291  | 4.128758 | 0.321913138 |
| 231 | Low SDI | 2009 | Female | 1.46148 | 3.540295 | 0.412814083 |
| 232 | Low SDI | 2009 | Male   | 1.33316 | 4.154855 | 0.320867237 |
| 233 | Low SDI | 2010 | Female | 1.45906 | 3.548078 | 0.411225331 |
| 234 | Low SDI | 2010 | Male   | 1.34917 | 4.17554  | 0.323112971 |
| 235 | Low SDI | 2011 | Female | 1.479   | 3.56048  | 0.415394308 |
| 236 | Low SDI | 2011 | Male   | 1.35955 | 4.195357 | 0.32405963  |
| 237 | Low SDI | 2012 | Female | 1.53663 | 3.576298 | 0.429670208 |
| 238 | Low SDI | 2012 | Male   | 1.35959 | 4.218287 | 0.322308866 |
| 239 | Low SDI | 2013 | Female | 1.63354 | 3.593767 | 0.454548155 |
| 240 | Low SDI | 2013 | Male   | 1.42823 | 4.238425 | 0.336971966 |
| 241 | Low SDI | 2014 | Female | 1.66692 | 3.611279 | 0.461588179 |
| 242 | Low SDI | 2014 | Male   | 1.47433 | 4.253169 | 0.346642083 |
| 243 | Low SDI | 2015 | Female | 1.63348 | 3.627586 | 0.450295152 |
| 244 | Low SDI | 2015 | Male   | 1.4806  | 4.261661 | 0.347422191 |
| 245 | Low SDI | 2016 | Female | 1.61539 | 3.65211  | 0.442317076 |
| 246 | Low SDI | 2016 | Male   | 1.48386 | 4.262434 | 0.348125219 |

|     |           |      |        |         |          |             |
|-----|-----------|------|--------|---------|----------|-------------|
| 247 | Low SDI   | 2017 | Female | 1.61363 | 3.683421 | 0.438079156 |
| 248 | Low SDI   | 2017 | Male   | 1.49836 | 4.258044 | 0.351888192 |
| 249 | Low SDI   | 2018 | Female | 1.59509 | 3.713179 | 0.429575422 |
| 250 | Low SDI   | 2018 | Male   | 1.46136 | 4.253718 | 0.343548467 |
| 251 | Low SDI   | 2019 | Female | 1.58357 | 3.733004 | 0.424207415 |
| 252 | Low SDI   | 2019 | Male   | 1.47    | 4.254319 | 0.345531349 |
| 253 | Low SDI   | 2020 | Female | 1.56846 | 3.736086 | 0.419814123 |
| 254 | Low SDI   | 2020 | Male   | 1.47787 | 4.321874 | 0.341951536 |
| 255 | Low SDI   | 2021 | Female | 1.56015 | 3.759716 | 0.414965477 |
| 256 | Low SDI   | 2021 | Male   | 1.4509  | 4.332077 | 0.334920861 |
| 257 | Low-middl | 1990 | Female | 1.17492 | 5.342589 | 0.219915038 |
| 258 | Low-middl | 1990 | Male   | 1.02918 | 6.496779 | 0.158413454 |
| 259 | Low-middl | 1991 | Female | 1.16657 | 5.346327 | 0.218201111 |
| 260 | Low-middl | 1991 | Male   | 1.03105 | 6.487986 | 0.158916101 |
| 261 | Low-middl | 1992 | Female | 1.18642 | 5.348196 | 0.221835497 |
| 262 | Low-middl | 1992 | Male   | 1.03957 | 6.484466 | 0.160317412 |
| 263 | Low-middl | 1993 | Female | 1.18325 | 5.348614 | 0.221225872 |
| 264 | Low-middl | 1993 | Male   | 1.04941 | 6.489702 | 0.161703689 |
| 265 | Low-middl | 1994 | Female | 1.18615 | 5.346301 | 0.22186286  |
| 266 | Low-middl | 1994 | Male   | 1.05315 | 6.499849 | 0.162026335 |
| 267 | Low-middl | 1995 | Female | 1.21862 | 5.342157 | 0.228113654 |
| 268 | Low-middl | 1995 | Male   | 1.0708  | 6.514855 | 0.164362964 |
| 269 | Low-middl | 1996 | Female | 1.21248 | 5.336142 | 0.227221257 |
| 270 | Low-middl | 1996 | Male   | 1.07986 | 6.545514 | 0.164976533 |
| 271 | Low-middl | 1997 | Female | 1.19058 | 5.32799  | 0.223457745 |
| 272 | Low-middl | 1997 | Male   | 1.08988 | 6.588679 | 0.165417199 |
| 273 | Low-middl | 1998 | Female | 1.19511 | 5.320902 | 0.224606767 |
| 274 | Low-middl | 1998 | Male   | 1.09953 | 6.640608 | 0.165576449 |
| 275 | Low-middl | 1999 | Female | 1.17218 | 5.315443 | 0.220524418 |
| 276 | Low-middl | 1999 | Male   | 1.07188 | 6.687112 | 0.160290291 |
| 277 | Low-middl | 2000 | Female | 1.15333 | 5.314779 | 0.217003458 |
| 278 | Low-middl | 2000 | Male   | 1.07183 | 6.723274 | 0.159420744 |
| 279 | Low-middl | 2001 | Female | 1.15363 | 5.3218   | 0.216774967 |
| 280 | Low-middl | 2001 | Male   | 1.08834 | 6.758389 | 0.161035464 |
| 281 | Low-middl | 2002 | Female | 1.16741 | 5.33444  | 0.218843553 |
| 282 | Low-middl | 2002 | Male   | 1.09239 | 6.797787 | 0.160697333 |
| 283 | Low-middl | 2003 | Female | 1.17133 | 5.350174 | 0.218933849 |
| 284 | Low-middl | 2003 | Male   | 1.12008 | 6.839693 | 0.163762048 |
| 285 | Low-middl | 2004 | Female | 1.16075 | 5.365785 | 0.216324602 |
| 286 | Low-middl | 2004 | Male   | 1.1286  | 6.8787   | 0.164071959 |
| 287 | Low-middl | 2005 | Female | 1.16232 | 5.379911 | 0.216048254 |
| 288 | Low-middl | 2005 | Male   | 1.11778 | 6.916708 | 0.161605202 |
| 289 | Low-middl | 2006 | Female | 1.17932 | 5.394135 | 0.218630293 |
| 290 | Low-middl | 2006 | Male   | 1.12159 | 6.963028 | 0.161078154 |
| 291 | Low-middl | 2007 | Female | 1.19597 | 5.412098 | 0.220981522 |
| 292 | Low-middl | 2007 | Male   | 1.14739 | 7.025939 | 0.163307008 |
| 293 | Low-middl | 2008 | Female | 1.20349 | 5.43172  | 0.221566313 |

|     |            |      |        |         |          |             |
|-----|------------|------|--------|---------|----------|-------------|
| 294 | Low-middle | 2008 | Male   | 1.16311 | 7.096926 | 0.16388887  |
| 295 | Low-middle | 2009 | Female | 1.18196 | 5.451908 | 0.216797629 |
| 296 | Low-middle | 2009 | Male   | 1.15681 | 7.165509 | 0.161441172 |
| 297 | Low-middle | 2010 | Female | 1.17261 | 5.470834 | 0.21433867  |
| 298 | Low-middle | 2010 | Male   | 1.16376 | 7.226721 | 0.161035111 |
| 299 | Low-middle | 2011 | Female | 1.17784 | 5.491853 | 0.214470454 |
| 300 | Low-middle | 2011 | Male   | 1.16687 | 7.289346 | 0.160079467 |
| 301 | Low-middle | 2012 | Female | 1.1914  | 5.520177 | 0.215826798 |
| 302 | Low-middle | 2012 | Male   | 1.14792 | 7.364907 | 0.155863826 |
| 303 | Low-middle | 2013 | Female | 1.23865 | 5.553019 | 0.223059724 |
| 304 | Low-middle | 2013 | Male   | 1.20202 | 7.443597 | 0.161483952 |
| 305 | Low-middle | 2014 | Female | 1.26993 | 5.588479 | 0.227240587 |
| 306 | Low-middle | 2014 | Male   | 1.26692 | 7.515296 | 0.168578939 |
| 307 | Low-middle | 2015 | Female | 1.26314 | 5.622516 | 0.224657387 |
| 308 | Low-middle | 2015 | Male   | 1.23846 | 7.570288 | 0.163594776 |
| 309 | Low-middle | 2016 | Female | 1.26987 | 5.671039 | 0.223922161 |
| 310 | Low-middle | 2016 | Male   | 1.22049 | 7.60815  | 0.160418308 |
| 311 | Low-middle | 2017 | Female | 1.29032 | 5.74037  | 0.224780253 |
| 312 | Low-middle | 2017 | Male   | 1.24572 | 7.642681 | 0.162995188 |
| 313 | Low-middle | 2018 | Female | 1.29401 | 5.809429 | 0.222743813 |
| 314 | Low-middle | 2018 | Male   | 1.25973 | 7.677183 | 0.164087662 |
| 315 | Low-middle | 2019 | Female | 1.29386 | 5.857335 | 0.220896269 |
| 316 | Low-middle | 2019 | Male   | 1.26752 | 7.714437 | 0.164305249 |
| 317 | Low-middle | 2020 | Female | 1.28337 | 5.856395 | 0.219139142 |
| 318 | Low-middle | 2020 | Male   | 1.26616 | 7.824082 | 0.161828606 |
| 319 | Low-middle | 2021 | Female | 1.26853 | 5.902534 | 0.214913068 |
| 320 | Low-middle | 2021 | Male   | 1.2615  | 7.872348 | 0.160244548 |
| 321 | Middle SD  | 1990 | Female | 0.7829  | 6.817655 | 0.114833933 |
| 322 | Middle SD  | 1990 | Male   | 0.80771 | 11.11321 | 0.072679856 |
| 323 | Middle SD  | 1991 | Female | 0.77555 | 6.846698 | 0.113273068 |
| 324 | Middle SD  | 1991 | Male   | 0.81801 | 11.1267  | 0.073517842 |
| 325 | Middle SD  | 1992 | Female | 0.79037 | 6.873716 | 0.114984037 |
| 326 | Middle SD  | 1992 | Male   | 0.82464 | 11.1489  | 0.073966478 |
| 327 | Middle SD  | 1993 | Female | 0.78561 | 6.897425 | 0.113899417 |
| 328 | Middle SD  | 1993 | Male   | 0.82857 | 11.1784  | 0.074122207 |
| 329 | Middle SD  | 1994 | Female | 0.78959 | 6.915872 | 0.1141714   |
| 330 | Middle SD  | 1994 | Male   | 0.81989 | 11.21405 | 0.073113124 |
| 331 | Middle SD  | 1995 | Female | 0.79163 | 6.928809 | 0.114252514 |
| 332 | Middle SD  | 1995 | Male   | 0.81284 | 11.25569 | 0.072216076 |
| 333 | Middle SD  | 1996 | Female | 0.77833 | 6.937689 | 0.11218876  |
| 334 | Middle SD  | 1996 | Male   | 0.80205 | 11.31481 | 0.070885013 |
| 335 | Middle SD  | 1997 | Female | 0.75147 | 6.946872 | 0.10817362  |
| 336 | Middle SD  | 1997 | Male   | 0.7827  | 11.39866 | 0.068666182 |
| 337 | Middle SD  | 1998 | Female | 0.73952 | 6.958048 | 0.106282768 |
| 338 | Middle SD  | 1998 | Male   | 0.77635 | 11.49391 | 0.06754414  |
| 339 | Middle SD  | 1999 | Female | 0.73608 | 6.972328 | 0.105571275 |
| 340 | Middle SD  | 1999 | Male   | 0.76232 | 11.58564 | 0.065798467 |

|     |           |      |        |         |          |             |
|-----|-----------|------|--------|---------|----------|-------------|
| 341 | Middle SD | 2000 | Female | 0.73738 | 6.992842 | 0.105447532 |
| 342 | Middle SD | 2000 | Male   | 0.75599 | 11.65863 | 0.064844162 |
| 343 | Middle SD | 2001 | Female | 0.73154 | 7.024523 | 0.104140237 |
| 344 | Middle SD | 2001 | Male   | 0.76238 | 11.73125 | 0.064987444 |
| 345 | Middle SD | 2002 | Female | 0.74322 | 7.066408 | 0.105175967 |
| 346 | Middle SD | 2002 | Male   | 0.75765 | 11.81845 | 0.06410725  |
| 347 | Middle SD | 2003 | Female | 0.73667 | 7.111546 | 0.103587958 |
| 348 | Middle SD | 2003 | Male   | 0.77416 | 11.90892 | 0.06500713  |
| 349 | Middle SD | 2004 | Female | 0.7345  | 7.154605 | 0.102660871 |
| 350 | Middle SD | 2004 | Male   | 0.78466 | 11.99383 | 0.065421919 |
| 351 | Middle SD | 2005 | Female | 0.72799 | 7.195227 | 0.101176616 |
| 352 | Middle SD | 2005 | Male   | 0.77132 | 12.06498 | 0.063930488 |
| 353 | Middle SD | 2006 | Female | 0.73142 | 7.274312 | 0.100548781 |
| 354 | Middle SD | 2006 | Male   | 0.7641  | 12.23748 | 0.062439227 |
| 355 | Middle SD | 2007 | Female | 0.7279  | 7.409781 | 0.098234698 |
| 356 | Middle SD | 2007 | Male   | 0.77068 | 12.5591  | 0.061364503 |
| 357 | Middle SD | 2008 | Female | 0.72597 | 7.562949 | 0.095989814 |
| 358 | Middle SD | 2008 | Male   | 0.76915 | 12.92946 | 0.059488246 |
| 359 | Middle SD | 2009 | Female | 0.70835 | 7.702979 | 0.09195746  |
| 360 | Middle SD | 2009 | Male   | 0.75712 | 13.25779 | 0.057107929 |
| 361 | Middle SD | 2010 | Female | 0.70221 | 7.785356 | 0.09019644  |
| 362 | Middle SD | 2010 | Male   | 0.75304 | 13.43099 | 0.056067286 |
| 363 | Middle SD | 2011 | Female | 0.70174 | 7.834189 | 0.089573647 |
| 364 | Middle SD | 2011 | Male   | 0.75289 | 13.52268 | 0.05567588  |
| 365 | Middle SD | 2012 | Female | 0.70863 | 7.883175 | 0.089892011 |
| 366 | Middle SD | 2012 | Male   | 0.74456 | 13.62393 | 0.054650535 |
| 367 | Middle SD | 2013 | Female | 0.72866 | 7.932438 | 0.09185808  |
| 368 | Middle SD | 2013 | Male   | 0.77096 | 13.72614 | 0.056167056 |
| 369 | Middle SD | 2014 | Female | 0.73616 | 7.992895 | 0.092101444 |
| 370 | Middle SD | 2014 | Male   | 0.79643 | 13.84147 | 0.057539663 |
| 371 | Middle SD | 2015 | Female | 0.74536 | 8.042658 | 0.092676368 |
| 372 | Middle SD | 2015 | Male   | 0.80227 | 13.91593 | 0.057651135 |
| 373 | Middle SD | 2016 | Female | 0.75141 | 8.115485 | 0.092590133 |
| 374 | Middle SD | 2016 | Male   | 0.8074  | 13.99944 | 0.057673856 |
| 375 | Middle SD | 2017 | Female | 0.75128 | 8.2051   | 0.09156265  |
| 376 | Middle SD | 2017 | Male   | 0.8022  | 14.08485 | 0.056955059 |
| 377 | Middle SD | 2018 | Female | 0.7383  | 8.284454 | 0.089118963 |
| 378 | Middle SD | 2018 | Male   | 0.79452 | 14.15544 | 0.056128205 |
| 379 | Middle SD | 2019 | Female | 0.73071 | 8.326608 | 0.087756005 |
| 380 | Middle SD | 2019 | Male   | 0.78976 | 14.19703 | 0.055628688 |
| 381 | Middle SD | 2020 | Female | 0.72094 | 8.178413 | 0.088151044 |
| 382 | Middle SD | 2020 | Male   | 0.79035 | 13.91834 | 0.056784518 |
| 383 | Middle SD | 2021 | Female | 0.71737 | 8.205239 | 0.087428851 |
| 384 | Middle SD | 2021 | Male   | 0.78434 | 13.89911 | 0.056430689 |

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