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Supplementary methods

EAPC analysis

A linear regression model in EAPC analysis was constructed as follows:

$$y = \alpha + \beta x$$

where y is *ln(ASR)* and x is calendar year.

The EAPC was calculated:

$$EAPC = (\exp(\beta)-1) * 100\%$$

The 95% CI of EAPC was also derived from the model.[1] CI is a range of values used to estimate an unknown statistical parameter. If both the EAPC estimate and its lower 95% CI are greater than 0, the ASR is considered to be increasing. Conversely, if both the EAPC estimate and its upper 95% CI are less than 0, the ASR is deemed to be decreasing. Otherwise, the ASR is regarded as stable.

Age-period-cohort analysis

The age-period-cohort model with IE method could be expressed as follows:[2]

$$ln(Y_{i,j,k}) = \mu + \alpha_i + \beta_j + \gamma_k + \varepsilon_{i,j,k}$$

in which $Y_{i,j,k}$ represented the incidence or prevalence in the (i,j,k) group; μ represented the intercept of the model; α_i, β_j and γ_k denoted the age effect in the i-th age group, period effect in the j-th period group and cohort effect in the k-th cohort group, respectively; $\varepsilon_{i,j,k}$ denoted the residual of the model.

Decomposition analysis

The number of DALYs at each region can be calculated as following:[3]

$$DALY_y = \sum_{a,d} pop\ size_y \cdot \frac{pop\ age_{a,y}}{pop\ size_y} \cdot \frac{prevalence_{a,d,y}}{pop\ age_{a,y}} \cdot \frac{DALY_{a,d,y}}{prevalence_{a,d,y}}$$

Where a is the age group, d is the disease, and y is the year.

For simplicity, let

R be the DALYs,

A be the population (the first term on the right-hand side),

B be the age structure of the population (second term),

C be the disease-specific prevalence rate of disease for each age group (third term),

and D be the case fatality and disease severity (fourth term).

The formula above can simplify into:

$$R_{1990} = A_{1990} \cdot B_{1990} \cdot C_{1990} \cdot D_{1990}$$
$$R_{2021} = A_{2021} \cdot B_{2021} \cdot C_{2021} \cdot D_{2021}$$

To estimate the additive contribution of A, it assumes that B, C, and D remain constant over time by applying standardized rates for B, C, and D. The additive contribution of A is then calculated as:

$$A_{effect} = (A_{2021} - A_{1990}) \cdot \left[\frac{B_{2021}C_{2021}D_{2021} + B_{1990}C_{1990}D_{1990}}{4} + \frac{B_{2021}C_{2021}D_{1990} + B_{2021}C_{1990}D_{2021} + B_{1990}C_{2021}D_{2021} + B_{1990}C_{1990}D_{2021} + B_{1990}C_{2021}D_{1990} + B_{2021}C_{1990}D_{1990}}{12}\right]$$

The estimated contributions of B_{effect}, C_{effect}, and D_{effect} are the same. The overall difference of DALYs from 1990 to 2021 is calculated as:

$$Overall\ difference = A_{effect} + B_{effect} + C_{effect} + D_{effect}$$

GBD regions

Location ID	Location Name	Parent ID	Level
31	**Central Europe, Eastern Europe, and Central Asia**	1	1
32	**Central Asia**	31	2
33	Armenia	32	3
34	Azerbaijan	32	3
35	Georgia	32	3
36	Kazakhstan	32	3
37	Kyrgyzstan	32	3
38	Mongolia	32	3
39	Tajikistan	32	3
40	Turkmenistan	32	3
41	Uzbekistan	32	3
42	**Central Europe**	31	2
43	Albania	42	3
44	Bosnia and Herzegovina	42	3
45	Bulgaria	42	3
46	Croatia	42	3
47	Czechia	42	3
48	Hungary	42	3
50	Montenegro	42	3
49	North Macedonia	42	3
51	Poland	42	3
52	Romania	42	3
53	Serbia	42	3
54	Slovakia	42	3
55	Slovenia	42	3
56	**Eastern Europe**	31	2
57	Belarus	56	3
58	Estonia	56	3
59	Latvia	56	3
60	Lithuania	56	3
61	Republic of Moldova	56	3
62	Russian Federation	56	3
63	Ukraine	56	3
64	**High-income**	1	1
70	**Australasia**	64	2
71	Australia	70	3
72	New Zealand	70	3
65	**High-income Asia Pacific**	64	2
66	Brunei Darussalam	65	3
67	Japan	65	3

68	Republic of Korea	65	3
69	Singapore	65	3
100	**High-income North America**	64	2
101	Canada	100	3
349	Greenland	100	3
102	United States of America	100	3
96	**Southern Latin America**	64	2
97	Argentina	96	3
98	Chile	96	3
99	Uruguay	96	3
73	**Western Europe**	64	2
74	Andorra	73	3
75	Austria	73	3
76	Belgium	73	3
77	Cyprus	73	3
78	Denmark	73	3
79	Finland	73	3
80	France	73	3
81	Germany	73	3
82	Greece	73	3
83	Iceland	73	3
84	Ireland	73	3
85	Israel	73	3
86	Italy	73	3
87	Luxembourg	73	3
88	Malta	73	3
367	Monaco	73	3
89	Netherlands	73	3
90	Norway	73	3
91	Portugal	73	3
396	San Marino	73	3
92	Spain	73	3
93	Sweden	73	3
94	Switzerland	73	3
95	United Kingdom	73	3
103	**Latin America and Caribbean**	1	1
120	**Andean Latin America**	103	2
121	Bolivia (Plurinational State of)	120	3
122	Ecuador	120	3
123	Peru	120	3
104	**Caribbean**	103	2
105	Antigua and Barbuda	104	3

106	Bahamas	104	3
107	Barbados	104	3
108	Belize	104	3
305	Bermuda	104	3
109	Cuba	104	3
110	Dominica	104	3
111	Dominican Republic	104	3
112	Grenada	104	3
113	Guyana	104	3
114	Haiti	104	3
115	Jamaica	104	3
385	Puerto Rico	104	3
393	Saint Kitts and Nevis	104	3
116	Saint Lucia	104	3
117	Saint Vincent and the Grenadines	104	3
118	Suriname	104	3
119	Trinidad and Tobago	104	3
422	United States Virgin Islands	104	3
124	**Central Latin America**	103	2
125	Colombia	124	3
126	Costa Rica	124	3
127	El Salvador	124	3
128	Guatemala	124	3
129	Honduras	124	3
130	Mexico	124	3
131	Nicaragua	124	3
132	Panama	124	3
133	Venezuela (Bolivarian Republic of)	124	3
134	**Tropical Latin America**	103	2
135	Brazil	134	3
136	Paraguay	134	3
137	**North Africa and Middle East**	1	1
138	**North Africa and Middle East**	137	2
160	Afghanistan	138	3
139	Algeria	138	3
140	Bahrain	138	3
141	Egypt	138	3
142	Iran (Islamic Republic of)	138	3
143	Iraq	138	3
144	Jordan	138	3
145	Kuwait	138	3
146	Lebanon	138	3

147	Libya	138	3
148	Morocco	138	3
150	Oman	138	3
149	Palestine	138	3
151	Qatar	138	3
152	Saudi Arabia	138	3
522	Sudan	138	3
153	Syrian Arab Republic	138	3
154	Tunisia	138	3
155	Türkiye	138	3
156	United Arab Emirates	138	3
157	Yemen	138	3
158	**South Asia**	1	1
159	**South Asia**	158	2
161	Bangladesh	159	3
162	Bhutan	159	3
163	India	159	3
164	Nepal	159	3
165	Pakistan	159	3
4	**Southeast Asia, East Asia, and Oceania**	1	1
5	**East Asia**	4	2
6	China	5	3
7	Democratic People's Republic of Korea	5	3
8	Taiwan (Province of China)	5	3
21	**Oceania**	4	2
298	American Samoa	21	3
320	Cook Islands	21	3
22	Fiji	21	3
351	Guam	21	3
23	Kiribati	21	3
24	Marshall Islands	21	3
25	Micronesia (Federated States of)	21	3
369	Nauru	21	3
374	Niue	21	3
376	Northern Mariana Islands	21	3
380	Palau	21	3
26	Papua New Guinea	21	3
27	Samoa	21	3
28	Solomon Islands	21	3
413	Tokelau	21	3
29	Tonga	21	3
416	Tuvalu	21	3

30	Vanuatu	21	3
9	**Southeast Asia**	4	2
10	Cambodia	9	3
11	Indonesia	9	3
12	Lao People's Democratic Republic	9	3
13	Malaysia	9	3
14	Maldives	9	3
183	Mauritius	9	3
15	Myanmar	9	3
16	Philippines	9	3
186	Seychelles	9	3
17	Sri Lanka	9	3
18	Thailand	9	3
19	Timor-Leste	9	3
20	Viet Nam	9	3
166	**Sub-Saharan Africa**	1	1
167	**Central Sub-Saharan Africa**	166	2
168	Angola	167	3
169	Central African Republic	167	3
170	Congo	167	3
171	Democratic Republic of the Congo	167	3
172	Equatorial Guinea	167	3
173	Gabon	167	3
174	**Eastern Sub-Saharan Africa**	166	2
175	Burundi	174	3
176	Comoros	174	3
177	Djibouti	174	3
178	Eritrea	174	3
179	Ethiopia	174	3
180	Kenya	174	3
181	Madagascar	174	3
182	Malawi	174	3
184	Mozambique	174	3
185	Rwanda	174	3
187	Somalia	174	3
435	South Sudan	174	3
190	Uganda	174	3
189	United Republic of Tanzania	174	3
191	Zambia	174	3
192	**Southern Sub-Saharan Africa**	166	2
193	Botswana	192	3
197	Eswatini	192	3

194	Lesotho	192	3
195	Namibia	192	3
196	South Africa	192	3
198	Zimbabwe	192	3
199	**Western Sub-Saharan Africa**	166	2
200	Benin	199	3
201	Burkina Faso	199	3
203	Cabo Verde	199	3
202	Cameroon	199	3
204	Chad	199	3
205	Côte d'Ivoire	199	3
206	Gambia	199	3
207	Ghana	199	3
208	Guinea	199	3
209	Guinea-Bissau	199	3
210	Liberia	199	3
211	Mali	199	3
212	Mauritania	199	3
213	Niger	199	3
214	Nigeria	199	3
215	Sao Tome and Principe	199	3
216	Senegal	199	3
217	Sierra Leone	199	3
218	Togo	199	3

GBD standard population

Age Group	Percent of Population	Rounded
Early Neonatal	0.0396232	0.04
Late Neonatal	0.117777	0.12
1 to 5 months	0.864776	0.86
6 to 11 months	1.01009	1.01
12 to 23 months	2.01613	2.02
2 to 4	5.9934	5.99
5 to 9	9.65824	9.66
10 to 14	8.99361	8.99
15 to 19	8.28913	8.29
20 to 24	7.80122	7.8
25 to 29	7.59144	7.59
30 to 34	7.32171	7.32
35 to 39	6.82805	6.83
40 to 44	6.14735	6.15
45 to 49	5.51133	5.51
50 to 54	4.91312	4.91
55 to 59	4.34586	4.35
60 to 64	3.68223	3.68
65 to 69	2.98509	2.99
70 to 74	2.26526	2.27
75 to 79	1.59758	1.6
80 to 84	1.09729	1.1
85 to 89	0.604519	0.6
90 to 94	0.246663	0.25
95 plus	0.0785092	0.08

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3. Chang AY, Skirbekk VF, Tyrovolas S, Kassebaum NJ, Dieleman JL. Measuring population ageing: an analysis of the Global Burden of Disease Study 2017. *Lancet Public Health* 2019; **4**(3): e159-e67.

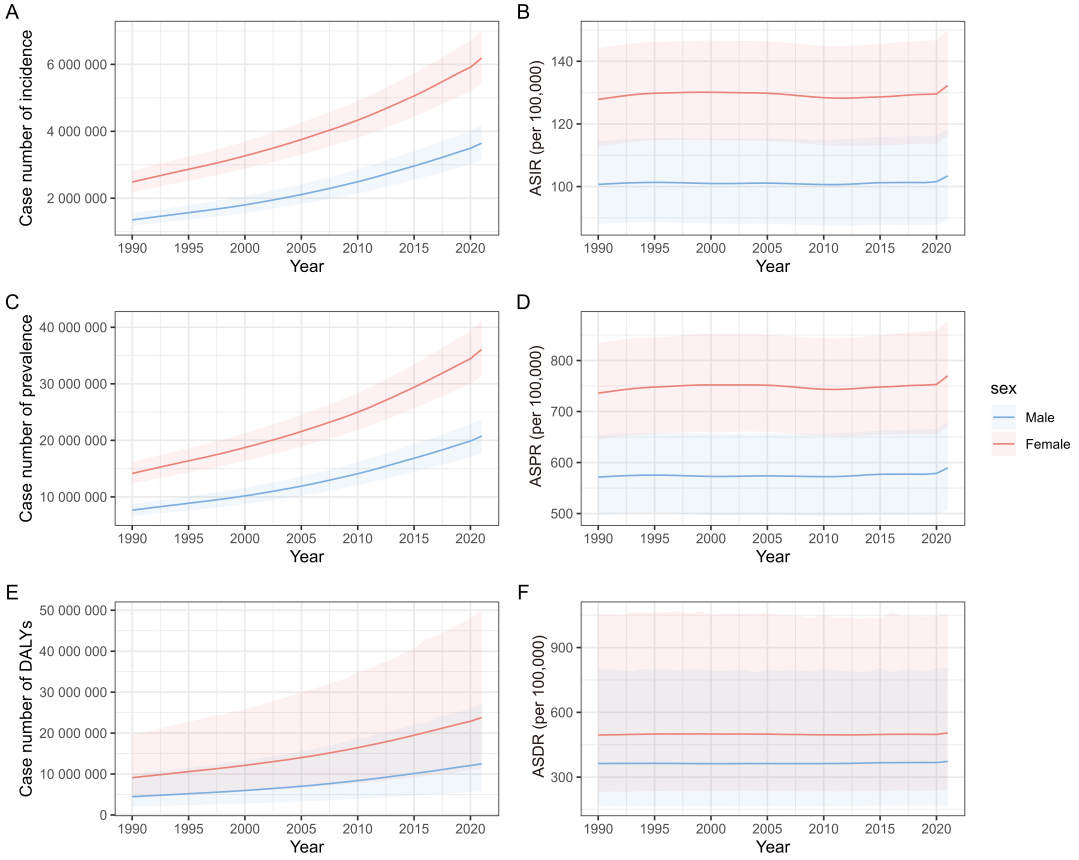


Figure S1 The global trends of case number and ASR of incidence, prevalence and DALYs on ADODs from 1990 to 2021

(A) Case number of incidence; (B) ASIR; (C) Case number of prevalence; (D) ASPR; (E) Case number of DALYs; (F) ASDR.

Abbreviations: ASR, age-standardized rate; DALYs, disability-adjusted life-years; ADODs, Alzheimer's disease and other dementias; ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs.

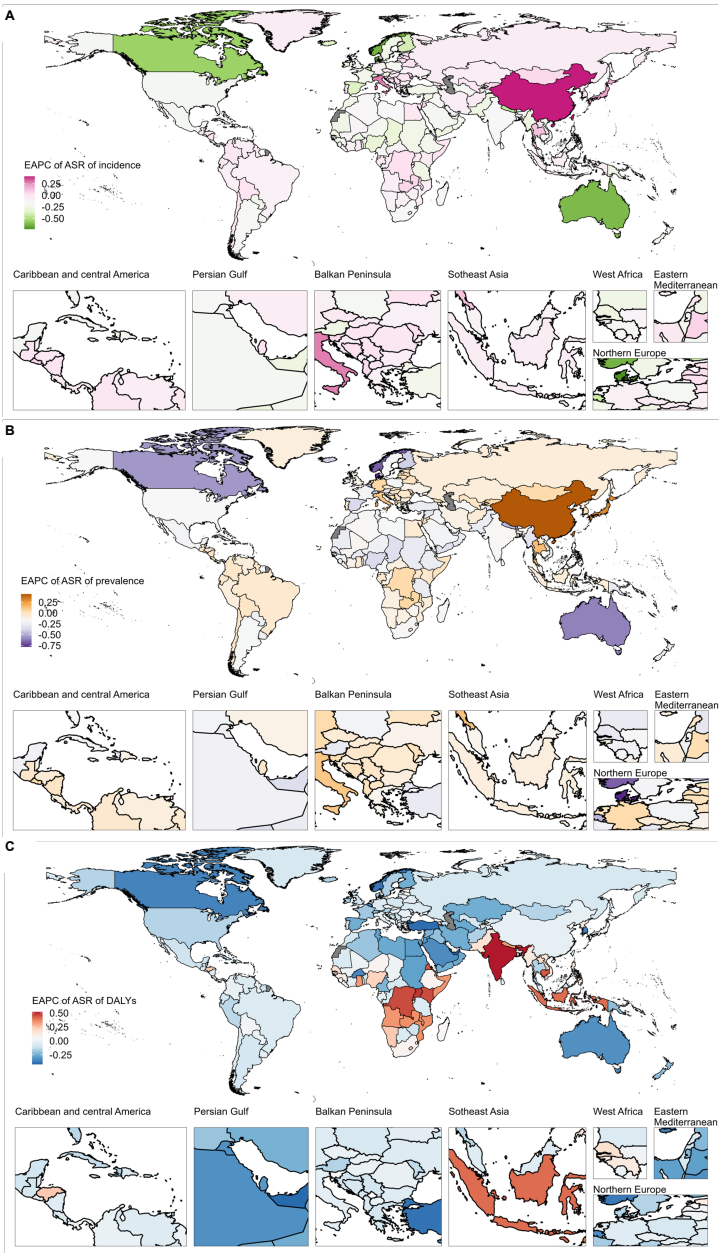


Figure S2 (A) The EAPC of ASIR from 1990 to 2021; (B) The EAPC of ASPR from 1990 to 2021; (C) The EAPC of ASDR from 1990 to 2021; of ADODs worldwide.

Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; EAPC, estimated annual percentage change; DALYs, disability-adjusted life-years; ADODs, Alzheimer's disease and other dementias.

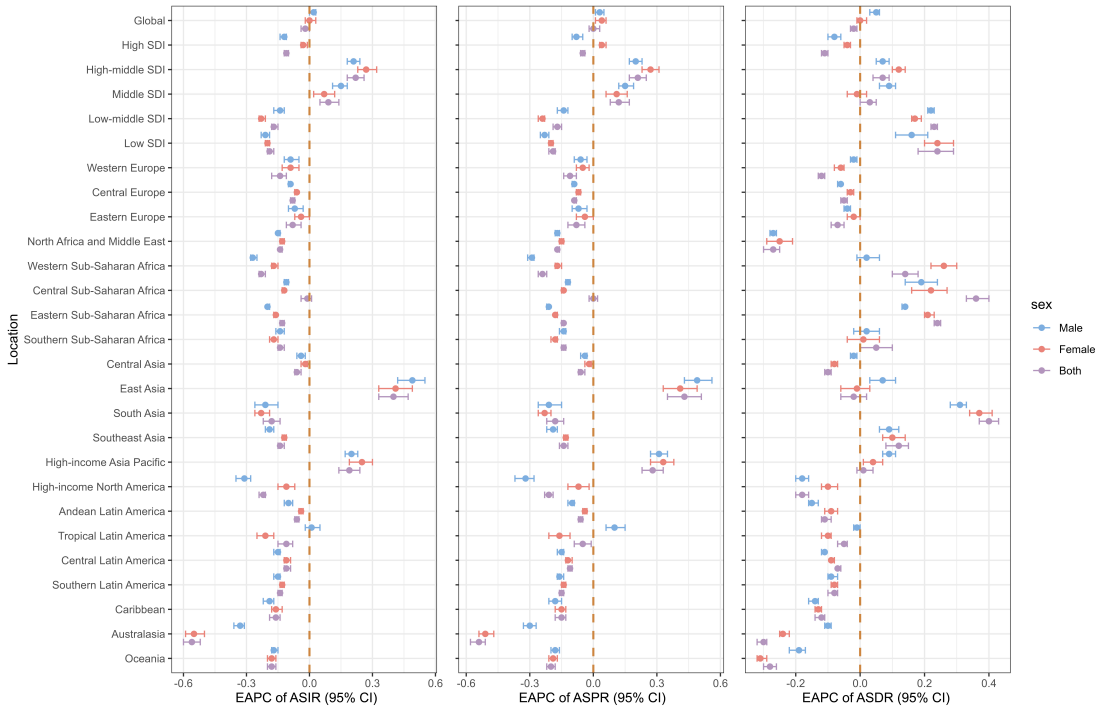


Figure S3 The EAPC of ASIR, ASPR, and ASDR for ADODs from 1990 to 2021 by SDI quintiles and GBD regions

Abbreviations: EAPC, estimated annual percentage change; ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index; GBD, Global Burden of Diseases, Injuries, and Risk Factors Study; CI, confidence interval.

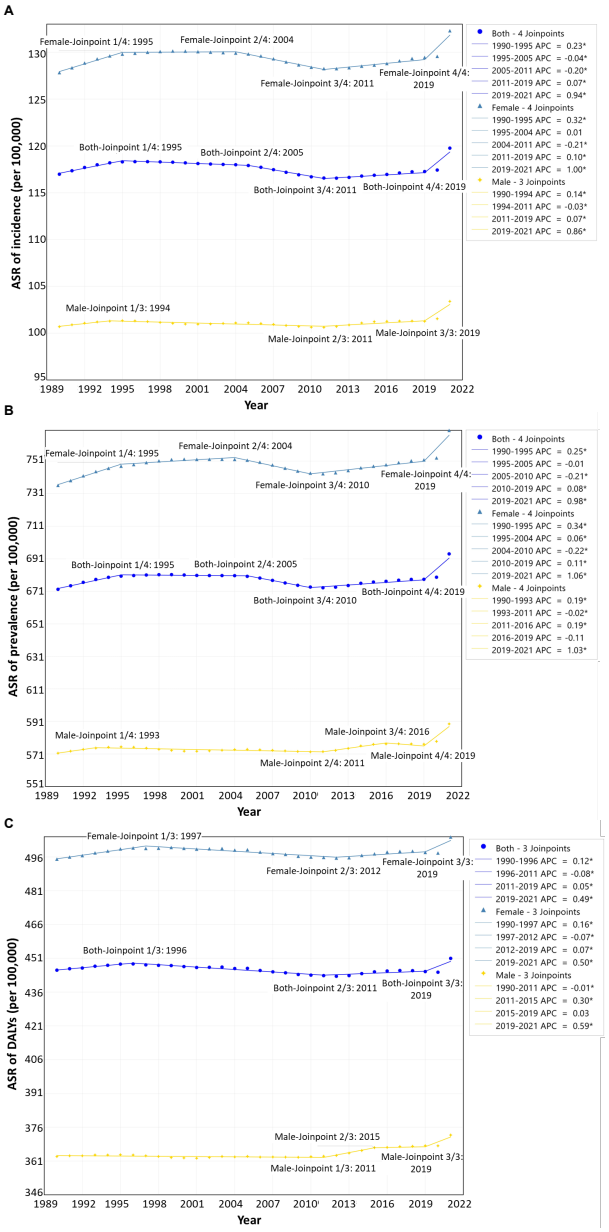


Figure S4 (A) The joinpoint regression analysis on the ASIR globally; (B) The joinpoint regression analysis on the ASPR globally; (C) The joinpoint regression analysis on the ASDR globally.
Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years.

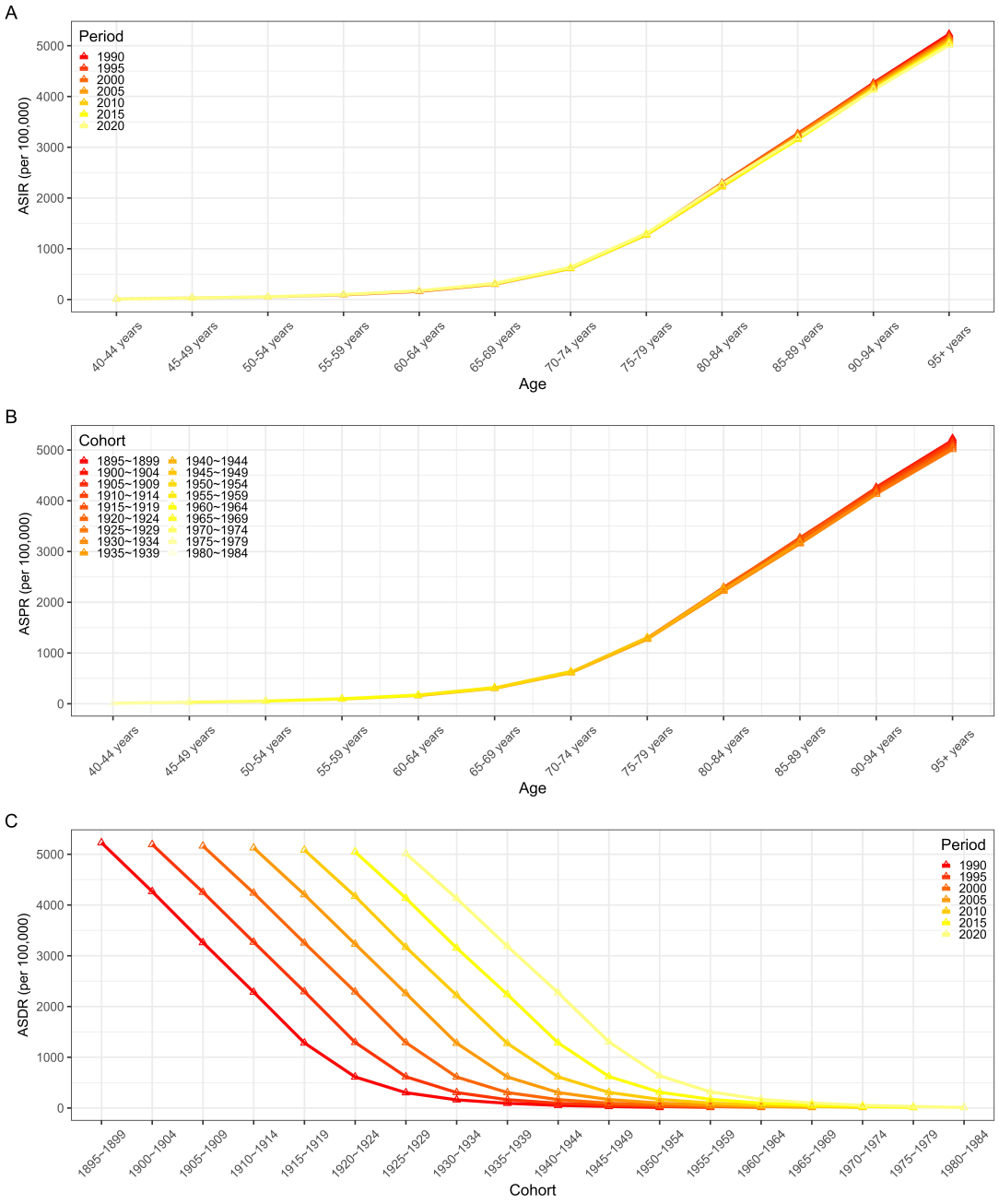


Figure S5 The role of interaction between two factors on the incidence globally.

(A) Age-period; (B) Age-cohort; (C) Cohort-period.

Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years.

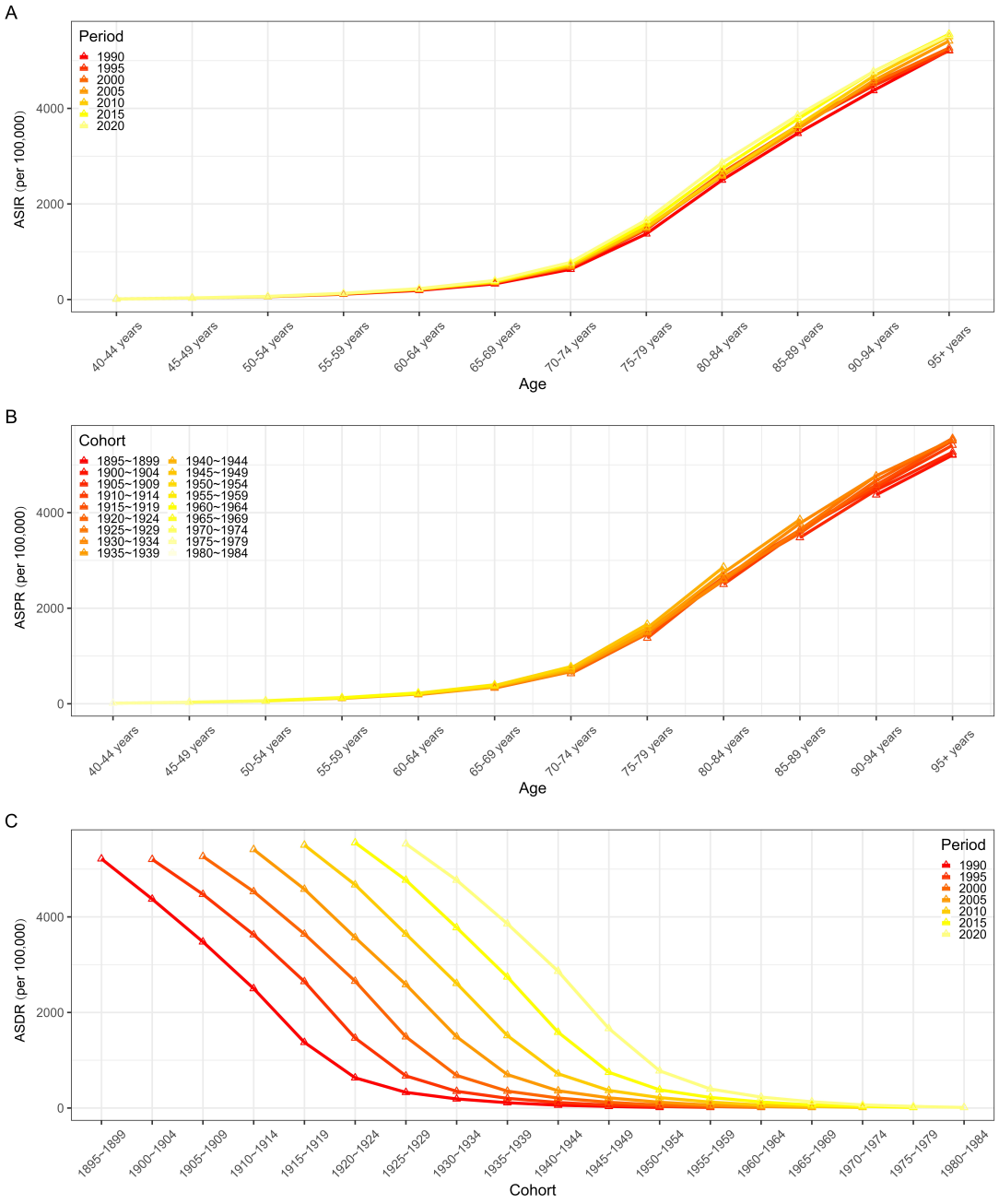


Figure S6 The role of interaction between two factors on the incidence of China.

(A) Age-period; (B) Age-cohort; (C) Cohort-period.

Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years.

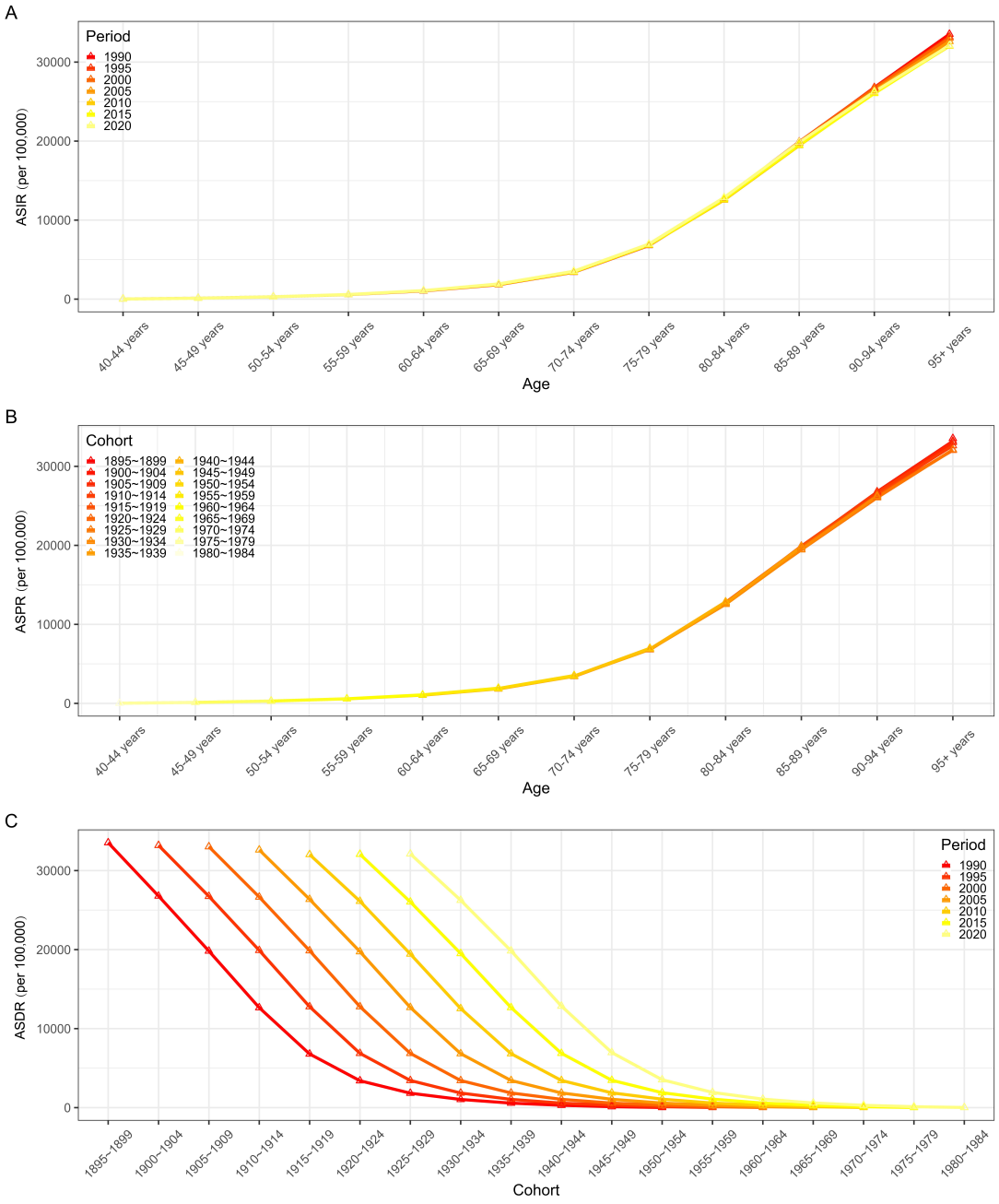


Figure S7 The role of interaction between two factors on the prevalence globally.

(A) Age-period; (B) Age-cohort; (C) Cohort-period.

Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years.

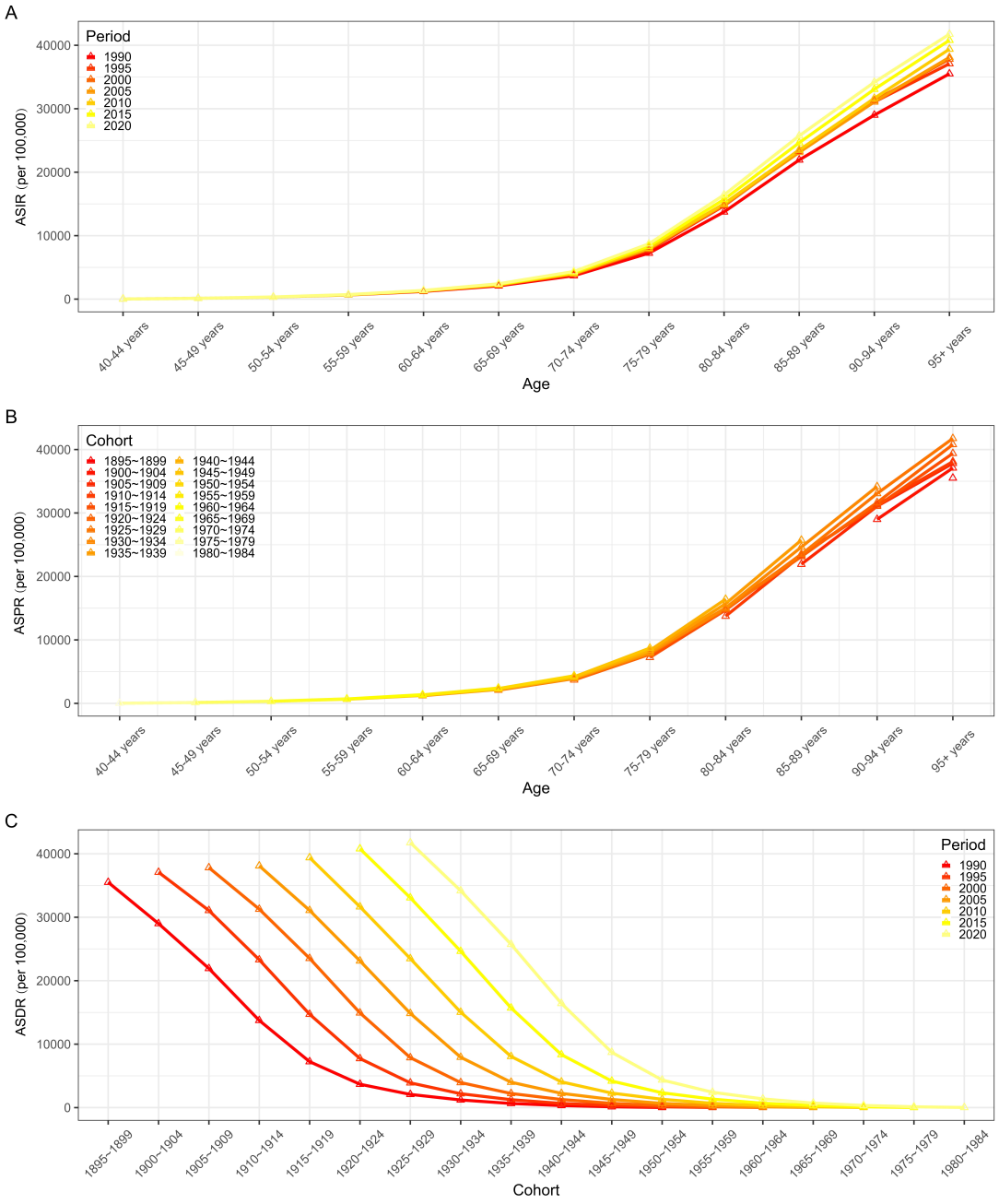


Figure S8 The role of interaction between two factors on the prevalence of China.
(A) Age-period; (B) Age-cohort; (C) Cohort-period.
Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years.

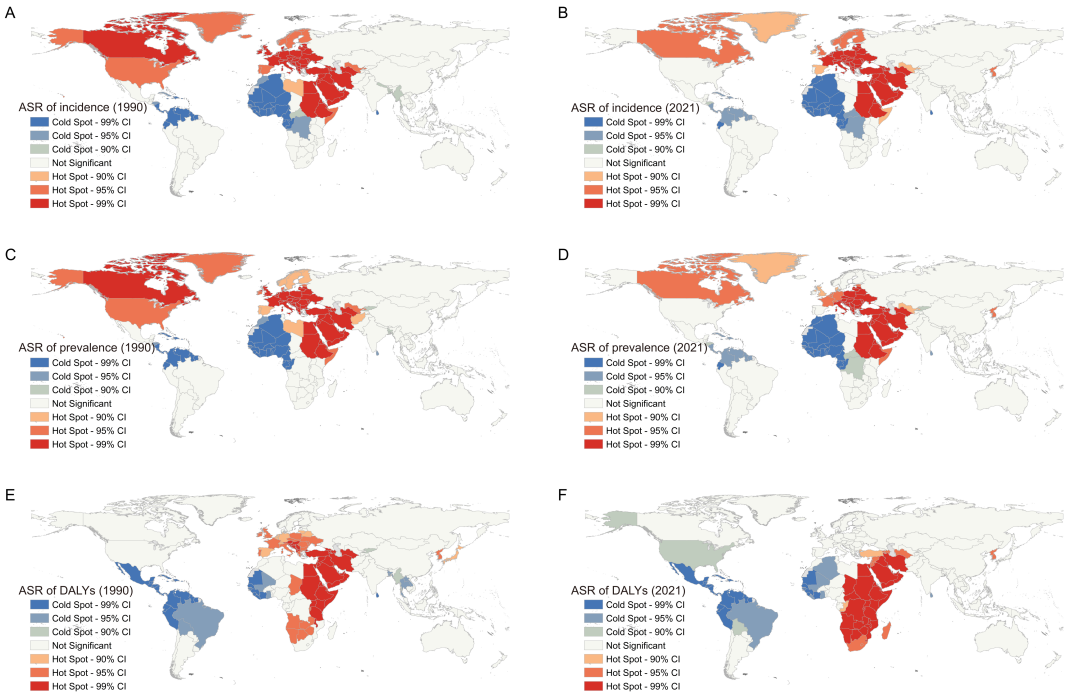


Figure S9 The Hot-Cold Spots analysis globally

(A) The hot and cold spots on the ASIR in 1990; (B) The hot and cold spots on the ASIR in 2021; (C) The hot and cold spots on the ASPR in 1990; (D) The hot and cold spots on the ASPR in 2021; (E) The hot and cold spots on the ASDR in 1990; (F) The hot and cold spots on the ASDR in 2021.

Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years; CI, confidence interval.

Table S1 The case number and ASR of incidence of ADODs in 1990 and 2021 by globally, SDI quintiles and GBD regions, with EAPC from 1990 to 2021

Location	1990		2021		1990-2021
	Number (95% UI)	ASR (95% UI)	Number (95% UI)	ASR (95% UI)	EAPC (95% CI)
Both sexes					
Global	3834525.86 (4358427.97 to 3367544.12)	116.97 (132.32 to 102.77)	9837055.84 (11163699.62 to 8620519.20)	119.76 (135.89 to 104.96)	-0.02 (-0.04 to 0)
High SDI	1435427.42 (1624789.09 to 1264748.77)	127.18 (142.92 to 112.55)	2952146.94 (3344548.06 to 2586722.06)	122.61 (138.44 to 107.45)	-0.11 (-0.12 to -0.10)
High-middle SDI	990611.65 (1138429.23 to 862203.22)	118.38 (134.11 to 103.82)	2582346.16 (2941774.29 to 2252028.81)	132.40 (150.85 to 115.43)	0.22 (0.18 to 0.26)
Middle SDI	844508.80 (963600.79 to 735191.04)	113.27 (128.90 to 99.18)	2902079.92 (3314767.30 to 2542319.83)	123.79 (141.26 to 108.25)	0.09 (0.05 to 0.14)
Low-middle SDI	415381.55 (471142.90 to 363221.76)	95.55 (108.90 to 83.27)	1063277.08 (1207789.69 to 929611.91)	92.61 (105.71 to 80.79)	-0.17 (-0.18 to -0.15)
Low SDI	144165 (163571.61 to 125717.92)	95.08 (108.32 to 82.74)	328702.71 (372980.85 to 287112.20)	90.89 (103.12 to 79.00)	-0.19 (-0.20 to -0.17)
Western Europe	758286.54 (671203.93 to 848021.60)	122.45 (108.70 to 136.67)	1352813.32 (1182307.55 to 1543865.98)	118.56 (103.36 to 134.23)	-0.14 (-0.18 to -0.11)
Central Europe	152640.45 (131915.20 to 177170.11)	115.01 (100.69 to 131.62)	269693.15 (233101.96 to 309820.37)	112.42 (97.97 to 128.46)	-0.08 (-0.09 to -0.07)
Eastern Europe	291032.54 (251713.00 to 335607.18)	117.31 (102.49 to 133.78)	416088.85 (361581.06 to 476873.86)	115.66 (100.94 to 131.87)	-0.08 (-0.11 to -0.04)
North Africa and Middle East	170210.67 (149710.12 to 192327.57)	138.06 (121.37 to 156.98)	468045.33 (411549.98 to 530963.36)	132.19 (115.75 to 150.35)	-0.14 (-0.14 to -0.13)
Western Sub-Saharan Africa	49769.11 (43260.59 to 56437.70)	78.42 (67.93 to 89.46)	101999.61 (88928.41 to 115137.19)	73.18 (63.36 to 83.46)	-0.23 (-0.24 to -0.21)
Central Sub-Saharan Africa	17483.25 (15147.84 to 19938.27)	126.90 (111.06 to 144.40)	44061.65 (38634.35 to 49576.49)	126.14 (111.31 to 143.21)	-0.01 (-0.04 to 0.01)

Eastern Sub-Saharan Africa	53366.47	107.12	121209.89	102.41	-0.13
	(46292.32 to 60685.77)	(93.44 to 121.63)	(106416.00 to 137289.38)	(89.70 to 116.09)	(-0.14 to -0.12)
Southern Sub-Saharan Africa	24227.19	112.76	47444.30	107.13	-0.14
	(21094.07 to 27411.04)	(98.34 to 128.64)	(41315.69 to 54029.13)	(93.16 to 122.19)	(-0.15 to -0.12)
Central Asia	44784.25	111.72	69754.83	109.82	-0.06
	(39050.74 to 51312.94)	(97.73 to 127.69)	(61205.22 to 79094.11)	(95.87 to 125.30)	(-0.07 to -0.04)
East Asia	725924.64	120.29	2988724.23	149.61	0.40
	(621289.73 to 834629.72)	(104.75 to 137.02)	(2569166.05 to 3434391.97)	(129.58 to 171.14)	(0.33 to 0.47)
South Asia	315180.73	80.57	924833.04	79.00	-0.18
	(273889.36 to 359432.93)	(69.50 to 92.11)	(799983.38 to 1056260.56)	(68.26 to 90.52)	(-0.22 to -0.14)
Southeast Asia	216530.18	114.85	578242.10	110.07	-0.14
	(189078.65 to 245887.29)	(100.81 to 130.85)	(505926.68 to 658512.73)	(96.11 to 125.72)	(-0.15 to -0.12)
High-income Asia Pacific	212521.89	116.94	701760.50	118.62	0.19
	(185436.08 to 242783.57)	(102.53 to 133.08)	(614636.07 to 802668.29)	(103.43 to 135.00)	(0.14 to 0.24)
High-income North America	520200.45	139.57	928259.16	131.39	-0.22
	(454539.55 to 593017.13)	(122.14 to 157.89)	(812567.48 to 1051337.97)	(114.67 to 149.04)	(-0.24 to -0.21)
Andean Latin America	14094.02	80.60	44485.77	79.55	-0.06
	(12247.55 to 15984.38)	(69.91 to 92.12)	(38612.47 to 50841.31)	(68.95 to 91.05)	(-0.07 to -0.05)
Tropical Latin America	92945.51	129.14	311555.99	126.83	-0.11
	(81381.28 to 105405.43)	(113.10 to 146.66)	(274795.89 to 352659.10)	(111.77 to 144.42)	(-0.15 to -0.08)
Central Latin America	74979.86	111.25	248660.86	106.12	-0.11
	(65388.91 to 85453.92)	(96.71 to 126.56)	(218264.63 to 282093.90)	(92.53 to 120.99)	(-0.12 to -0.09)
Southern Latin America	46975.07	111.77	98313.16	107.09	-0.14
	(40636.01 to 53790.22)	(97.43 to 127.36)	(85032.14 to 112618.00)	(92.90 to 122.43)	(-0.15 to -0.13)
Caribbean	22906.71	97.60	52399.68	95.60	-0.16
	(19921.60 to 26131.69)	(85.15 to 110.90)	(45969.58 to 59446.22)	(83.53 to 108.64)	(-0.19 to -0.14)
Australasia	28408.43	123.79	63288.53	105.44	-0.56
	(24870.92 to 32324.86)	(108.48 to 139.61)	(55457.11 to 71346.59)	(92.56 to 118.63)	(-0.60 to -0.52)
Oceania	2057.89	117.17	5421.89	112.05	-0.18
	(1762.17 to 2366.13)	(102.35 to 133.78)	(4714.66 to 6169.14)	(96.98 to 128.81)	(-0.20 to -0.16)

Male					
Global	1352318.94	100.69	3645491.67	103.40	0.02
	(1177679.88 to 1551793.07)	(88.05 to 114.43)	(3144737.84 to 4183541.38)	(89.45 to 118.45)	(0 to 0.03)
High SDI	456474.58	111.51	1059991.22	106.34	0.21
	(396159.91 to 521510.04)	(97.94 to 126.03)	(914024.65 to 1211000.32)	(92.24 to 121.37)	(0.18 to 0.24)
High-middle SDI	323295.23	103.15	903426.62	114.05	-0.14
	(278563.87 to 373469.38)	(89.78 to 117.91)	(771152.50 to 1042119.79)	(97.80 to 131.27)	(-0.17 to -0.12)
Middle SDI	327422.88	96.86	1106560.66	106.23	0.15
	(283731.09 to 374375.34)	(84.21 to 110.85)	(949935.83 to 1274802.48)	(91.67 to 122.15)	(0.11 to 0.18)
Low-middle SDI	183205.61	84.93	440082.94	83.35	-0.21
	(159782.60 to 208750.00)	(73.77 to 97.27)	(384919.10 to 501587.40)	(72.46 to 95.38)	(-0.23 to -0.19)
Low SDI	60328.35	80.31	132346.60	76.65	-0.12
	(52353.67 to 68614.94)	(69.79 to 92.07)	(115522.54 to 150718.33)	(66.62 to 87.44)	(-0.14 to -0.11)
Western Europe	231490.16	105.46	482412.36	103.27	-0.09
	(201084.92 to 263621.11)	(91.69 to 119.57)	(413289.89 to 554351.97)	(88.90 to 118.01)	(-0.12 to -0.05)
Central Europe	51995.61	103.37	89992.04	100.51	-0.09
	(44601.46 to 60177.32)	(90.09 to 118.92)	(78042.29 to 103370.89)	(87.30 to 115.40)	(-0.10 to -0.09)
Eastern Europe	70127.62	103.46	113736.15	102.07	-0.07
	(60186.36 to 81178.94)	(89.20 to 118.69)	(98729.05 to 130795.18)	(88.37 to 117.05)	(-0.10 to -0.03)
North Africa and Middle East	75995.01	126.12	209775.33	120.10	-0.15
	(66558.76 to 86276.46)	(110.80 to 143.68)	(184046.33 to 238363.55)	(104.34 to 137.10)	(-0.15 to -0.14)
Western Sub-Saharan Africa	19503.55	64.59	39161.68	59.78	-0.27
	(16957.30 to 22145.50)	(55.76 to 73.97)	(33979.15 to 44306.71)	(51.63 to 68.52)	(-0.28 to -0.25)
Central Sub-Saharan Africa	6191.94	97.57	13723.57	93.87	-0.11
	(5359.62 to 7041.82)	(84.95 to 111.80)	(11840.58 to 15517.76)	(81.95 to 107.14)	(-0.12 to -0.10)
Eastern Sub-Saharan Africa	20855.26	85.56	43306.35	80.12	-0.20
	(18035.48 to 23766.81)	(74.28 to 97.66)	(37872.13 to 49213.59)	(69.68 to 91.26)	(-0.20 to -0.19)
Southern Sub-Saharan Africa	7507.49	89.17	13992.06	84.69	-0.14
	(6535.78 to 8539.21)	(77.90 to 101.89)	(12143.77 to 15944.01)	(73.32 to 96.81)	(-0.16 to -0.12)

Central Asia	13615.54	99.38	23857.36	98.04	-0.04
	(11736.07 to 15588.02)	(86.41 to 114.40)	(20770.11 to 27260.54)	(85.42 to 112.35)	(-0.06 to -0.02)
East Asia	268107.07	99.42	1100313.52	124.72	0.49
	(228623.50 to 310471.30)	(85.85 to 114.23)	(928525.75 to 1274233.00)	(106.27 to 143.60)	(0.42 to 0.55)
South Asia	147693.79	73.19	401124.70	72.43	-0.21
	(127820.32 to 168614.68)	(63.24 to 84.10)	(347194.75 to 460546.09)	(62.63 to 83.11)	(-0.26 to -0.15)
Southeast Asia	83034.90	99.30	213083.03	93.82	-0.19
	(72254.81 to 94618.25)	(86.65 to 113.52)	(184515.12 to 243067.23)	(81.63 to 107.74)	(-0.21 to -0.17)
High-income Asia Pacific	68344.02	97.55	230513.60	98.53	0.20
	(59535.53 to 78251.00)	(84.76 to 111.50)	(199305.44 to 265494.48)	(85.85 to 112.48)	(0.17 to 0.23)
High-income North America	176439.67	128.42	350883.39	117.27	-0.31
	(152491.47 to 201279.23)	(111.85 to 145.81)	(300165.86 to 402485.91)	(101.03 to 134.01)	(-0.35 to -0.28)
Andean Latin America	5853.38	70.63	17630.39	68.47	-0.10
	(5051.95 to 6686.60)	(60.84 to 81.27)	(15169.16 to 20315.03)	(58.71 to 78.95)	(-0.12 to -0.08)
Tropical Latin America	38184.17	118.91	124548.38	120.70	0.01
	(33464.61 to 43461.04)	(104.14 to 135.13)	(109337.78 to 142050.35)	(105.67 to 137.38)	(-0.02 to 0.05)
Central Latin America	32010.94	99.88	97744.27	94.11	-0.15
	(27914.81 to 36618.32)	(87.00 to 114.18)	(84691.32 to 111424.70)	(81.32 to 107.60)	(-0.17 to -0.14)
Southern Latin America	16211.80	95.75	33403.59	92.05	-0.15
	(13854.89 to 18781.34)	(82.46 to 110.49)	(28714.57 to 38657.53)	(79.42 to 105.94)	(-0.17 to -0.14)
Caribbean	9767.20	88.53	20778.00	85.36	-0.19
	(8453.07 to 11211.43)	(76.96 to 101.21)	(18195.41 to 23756.24)	(74.16 to 97.88)	(-0.22 to -0.17)
Australasia	8484.71	95.61	23117.62	87.03	-0.33
	(7295.25 to 9754.04)	(82.20 to 108.29)	(19704.76 to 25949.74)	(74.41 to 97.41)	(-0.36 to -0.31)
Oceania	905.11	101.75	2394.29	97.56	-0.17
	(766.26 to 1049.96)	(87.40 to 116.72)	(2034.81 to 2741.25)	(83.91 to 112.44)	(-0.18 to -0.15)
Female					
Global	2482206.92	127.82	6191564.17	132.29	0
	(2183968.02 to 2820920.01)	(112.82 to 144.18)	(5432752.48 to 7009225.95)	(116.30 to 149.80)	(-0.02 to 0.03)

High SDI	978952.84	136.53	1892155.71	135.14	-0.03
	(867430.24 to 1105645.04)	(121.26 to 152.80)	(1676947.74 to 2140304.02)	(119.13 to 152.48)	(-0.04 to -0.01)
High-middle SDI	667316.42	127.20	1678919.53	145.37	0.27
	(579588.64 to 765012.10)	(111.61 to 143.80)	(1469520.97 to 1904992.78)	(127.62 to 165.13)	(0.23 to 0.32)
Middle SDI	517085.92	125.88	1795519.26	137.75	0.07
	(450776.04 to 589033.07)	(110.73 to 143.03)	(1574345.18 to 2041902.80)	(120.93 to 156.84)	(0.02 to 0.12)
Low-middle SDI	232175.93	105.75	623194.15	100.27	-0.23
	(203071.70 to 263238.85)	(92.30 to 119.89)	(546495.83 to 706850.72)	(87.57 to 114.21)	(-0.24 to -0.21)
Low SDI	83836.65	109.03	196356.11	103.42	-0.20
	(73221.11 to 94947.33)	(95.07 to 123.92)	(171792.45 to 222477.50)	(90.00 to 117.04)	(-0.21 to -0.19)
Western Europe	526796.38	132.02	870400.96	130.00	-0.09
	(470653.39 to 587225.35)	(118.08 to 146.68)	(767674.08 to 987625.91)	(114.49 to 146.62)	(-0.13 to -0.05)
Central Europe	100644.84	122.05	179701.11	119.92	-0.06
	(87181.52 to 117068.87)	(106.93 to 139.31)	(155900.26 to 206398.87)	(104.66 to 136.80)	(-0.07 to -0.06)
Eastern Europe	220904.93	122.48	302352.70	122.11	-0.04
	(190606.18 to 255431.89)	(106.98 to 139.36)	(262056.98 to 346267.44)	(106.70 to 138.77)	(-0.07 to 0)
North Africa and Middle East	94215.66	149.67	258269.99	144.02	-0.13
	(82963.09 to 106271.74)	(131.75 to 169.89)	(227069.37 to 292836.06)	(125.99 to 163.35)	(-0.14 to -0.12)
Western Sub-Saharan Africa	30265.55	89.95	62837.93	84.84	-0.17
	(26226.60 to 34341.61)	(78.07 to 102.53)	(54937.97 to 70948.80)	(73.51 to 96.58)	(-0.18 to -0.15)
Central Sub-Saharan Africa	11291.30	153.24	30338.08	147.03	-0.12
	(9769.68 to 12906.04)	(134.77 to 173.97)	(26827.63 to 34076.79)	(130.17 to 166.39)	(-0.13 to -0.12)
Eastern Sub-Saharan Africa	32511.22	126.82	77903.55	120.09	-0.16
	(28265.94 to 36840.69)	(110.80 to 144.31)	(68424.77 to 88122.85)	(105.34 to 135.98)	(-0.17 to -0.16)
Southern Sub-Saharan Africa	16719.71	127.63	33452.24	119.70	-0.17
	(14533.84 to 18944.23)	(111.40 to 145.44)	(29066.02 to 38181.40)	(104.54 to 136.54)	(-0.19 to -0.15)
Central Asia	31168.71	117.96	45897.47	116.85	-0.02
	(27299.89 to 35787.05)	(103.27 to 134.41)	(40161.77 to 51953.42)	(101.95 to 132.97)	(-0.04 to -0.01)
East Asia	457817.56	134.55	1888410.70	169.64	0.41
	(394911.62 to 524573.65)	(117.62 to 153.10)	(1638866.54 to 2160228.64)	(148.11 to 193.44)	(0.33 to 0.49)

South Asia	167486.95	88.32	523708.34	84.51	-0.23
	(146169.09 to 190719.04)	(76.53 to 100.52)	(455257.89 to 597560.36)	(73.12 to 96.98)	(-0.26 to -0.19)
Southeast Asia	133495.28	126.59	365159.07	121.87	-0.12
	(116863.89 to 151464.42)	(111.36 to 144.01)	(320041.68 to 415858.22)	(107.02 to 139)	(-0.13 to -0.11)
High-income Asia Pacific	144177.88	128.77	471246.90	133.05	0.25
	(126228.03 to 164945.16)	(113.13 to 146.35)	(415160.20 to 537790.57)	(116.34 to 151.45)	(0.19 to 0.30)
High-income North America	343760.78	147.10	577375.77	143.19	-0.11
	(301161 to 393458.53)	(129.35 to 166.73)	(506912.98 to 651163.67)	(125.63 to 161.81)	(-0.15 to -0.07)
Andean Latin America	8240.64	89.33	26855.38	88.77	-0.04
	(7162.58 to 9384.99)	(77.74 to 101.99)	(23271.74 to 30645.07)	(76.84 to 101.28)	(-0.05 to -0.03)
Tropical Latin America	54761.34	136.92	187007.61	131.20	-0.21
	(47730.05 to 62008.97)	(119.27 to 155.46)	(164601.36 to 211387.94)	(115.73 to 149.10)	(-0.25 to -0.17)
Central Latin America	42968.92	121.48	150916.60	115.48	-0.11
	(37415.12 to 48914.35)	(106.26 to 137.52)	(131980.43 to 171172.29)	(100.86 to 131.53)	(-0.12 to -0.09)
Southern Latin America	30763.27	122.54	64909.57	117.26	-0.13
	(26675.74 to 35032.78)	(106.93 to 139.04)	(56716.77 to 73998.63)	(102.17 to 132.71)	(-0.14 to -0.12)
Caribbean	13139.52	105.43	31621.68	103.76	-0.16
	(11413.37 to 14958.77)	(91.96 to 119.42)	(27636.65 to 35615.80)	(90.22 to 117.23)	(-0.18 to -0.13)
Australasia	19923.72	141.86	40170.91	121.13	-0.55
	(17489.35 to 22627.85)	(124.85 to 160.24)	(35398.94 to 45495.92)	(106.48 to 137.61)	(-0.59 to -0.50)
Oceania	1152.77	131.86	3027.60	126.36	-0.18
	(993.53 to 1314.92)	(115.74 to 150.82)	(2628.33 to 3435.42)	(109.76 to 144.50)	(-0.20 to -0.16)

Abbreviations: ASR, age-standardized rate; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index; GBD, Global Burden of Diseases, Injuries, and Risk Factors Study; EAPC, estimated annual percentage change; UI, uncertainty interval; CI, confidence interval.

Table S2 The case number and ASR of prevalence of ADODs in 1990 and 2021 by globally, SDI quintiles and GBD regions, with EAPC from 1990 to 2021

Location	1990		2021		1990-2021
	Number (95% UI)	ASR (95% UI)	Number (95% UI)	ASR (95% UI)	EAPC (95% CI)
Both sexes					
Global	21799760.90 (24837693.05 to 19067087.20)	672.22 (763.95 to 588.73)	56856688.21 (64977511.92 to 49382064.01)	694.01 (794.08 to 602.88)	0 (-0.02 to 0.03)
High SDI	8093986.36 (9188858.15 to 7092809.07)	724.21 (815.94 to 637.60)	17216184.98 (19545520.94 to 15032997.49)	709.47 (807.40 to 619.94)	-0.05 (-0.06 to -0.04)
High-middle SDI	5680565.16 (6518288.69 to 4933837.37)	685.28 (781.65 to 598.24)	14925097.03 (17155666.79 to 12861051.41)	766.20 (879.64 to 659.80)	0.21 (0.17 to 0.25)
Middle SDI	4831619.77 (5504055.62 to 4192763.34)	651.47 (743.90 to 566.76)	16802254.59 (19311412.14 to 14485313.03)	723.42 (830.91 to 623.26)	0.12 (0.08 to 0.17)
Low-middle SDI	2350228.78 (2676287.25 to 2033029.40)	542.48 (616.16 to 473.62)	6009384.67 (6839568.09 to 5214014.32)	524.47 (596.80 to 455.82)	-0.17 (-0.19 to -0.15)
Low SDI	818147.30 (930003.96 to 700403.71)	539.74 (612.06 to 471.27)	1854994.41 (2101153.63 to 1603962.19)	514.37 (584.18 to 447.22)	-0.19 (-0.21 to -0.18)
Western Europe	4233255.69 (3694052.59 to 4798874.67)	691.03 (608.15 to 774.18)	7747187.72 (6705229.51 to 8805140.40)	670.36 (583.83 to 762.62)	-0.11 (-0.14 to -0.08)
Central Europe	868661.51 (747729.48 to 997940.01)	657.16 (565.40 to 750.94)	1540943.57 (1327847.79 to 1766514.26)	641.22 (554.05 to 732.31)	-0.09 (-0.09 to -0.08)
Eastern Europe	1653417.61 (1425002.72 to 1903781.69)	669.20 (578.77 to 768.96)	2380516.22 (2059571.31 to 2730951.12)	658.68 (571.31 to 752.67)	-0.08 (-0.12 to -0.04)
North Africa and Middle East	977032.86 (843774.07 to 1104035.40)	812.51 (708.72 to 918.84)	2684371.49 (2322373.37 to 3040389.42)	772.66 (671.20 to 877.55)	-0.17 (-0.17 to -0.16)
Western Sub-Saharan Africa	281670.88 (241901.52 to 319129.86)	436.85 (379.40 to 496.47)	573970.43 (493782.59 to 650724.56)	406.02 (352.89 to 462.39)	-0.24 (-0.26 to -0.22)
Central Sub-Saharan Africa	100179.19 (85939.67 to 114160.90)	752.86 (650.12 to 852.75)	253634.60 (220061.21 to 287410.00)	750.54 (654.70 to 848.11)	0 (-0.02 to 0.02)

Eastern Sub-Saharan Africa	306610.87	618.54	692233.75	588.72	-0.14
	(262585.49 to 348487.30)	(538.17 to 701.19)	(597287.62 to 780537.63)	(513.88 to 667.20)	(-0.15 to -0.14)
Southern Sub-Saharan Africa	137242.44	639.88	268798.81	606.69	-0.14
	(118252.19 to 156389.90)	(554.13 to 730.43)	(231156.80 to 306085.98)	(524.69 to 692.07)	(-0.15 to -0.13)
Central Asia	256020.39	638.07	398791.49	626.81	-0.06
	(221617.50 to 290360.84)	(553.08 to 725.58)	(345208.76 to 451918.05)	(541.85 to 713.52)	(-0.07 to -0.04)
East Asia	4151552.85	697.26	17414173.15	887.95	0.43
	(3556085.85 to 4768974.47)	(603.50 to 802.56)	(14854023.47 to 20142130.51)	(759.95 to 1027.48)	(0.35 to 0.51)
South Asia	1759041.86	446.47	5147477.66	437.07	-0.18
	(1517058.54 to 2008716.24)	(386.42 to 510.25)	(4444260.18 to 5886074.83)	(377.00 to 500.95)	(-0.22 to -0.14)
Southeast Asia	1269360.11	675.02	3387798.72	644.38	-0.14
	(1094127.36 to 1445535.33)	(589.62 to 770.17)	(2922771.03 to 3857740.53)	(560.58 to 737.69)	(-0.16 to -0.12)
High-income Asia Pacific	1182070.77	658.06	4109524.90	684.82	0.28
	(1025974.75 to 1345120.37)	(572.10 to 745.38)	(3547341.60 to 4692562.14)	(596.97 to 780.11)	(0.23 to 0.33)
High-income North America	3021802.47	815.90	5508416.55	775.11	-0.21
	(2617284.32 to 3444672.32)	(709.63 to 929.16)	(4800045.46 to 6295243.90)	(673.67 to 885.78)	(-0.23 to -0.19)
Andean Latin America	78839.42	450.85	248164.72	444.09	-0.06
	(68470.51 to 89841.40)	(390.47 to 514.20)	(215286.87 to 283419.30)	(384.10 to 507.73)	(-0.07 to -0.05)
Tropical Latin America	540707.52	758.68	1862093.60	759.83	-0.05
	(467913.82 to 618337.03)	(660.76 to 863.19)	(1617474.95 to 2116516.33)	(660.00 to 867.54)	(-0.09 to -0.01)
Central Latin America	420125.68	625.86	1397100.10	596.48	-0.11
	(364262.11 to 478947.99)	(543.81 to 713.04)	(1216190.79 to 1585185.80)	(518.98 to 680.63)	(-0.12 to -0.10)
Southern Latin America	259762.40	622.39	546191.80	595.26	-0.15
	(223386.53 to 295893.63)	(538.28 to 706.11)	(471610.68 to 621961.19)	(514.48 to 676.41)	(-0.16 to -0.14)
Caribbean	130472.36	557.24	301093.02	550.22	-0.15
	(113205.12 to 148473.72)	(485.64 to 629.27)	(261138.14 to 341198.16)	(476.89 to 624.84)	(-0.18 to -0.13)
Australasia	160270.79	706.96	363506.82	604.41	-0.54
	(139129.37 to 181944.89)	(614.59 to 802.27)	(317552.63 to 409187.56)	(526.77 to 679.94)	(-0.58 to -0.51)
Oceania	11663.25	676.80	30699.05	644.83	-0.20
	(9924.08 to 13442.75)	(584.15 to 778.03)	(26252.51 to 34933.76)	(554.28 to 737.37)	(-0.22 to -0.18)

Male					
Global	7656315.26	571.47	20753308.39	589.47	0.03
	(6611275.56 to 8728099.19)	(497.63 to 654.31)	(17769420.13 to 23796797.51)	(507.48 to 678.79)	(0.01 to 0.05)
High SDI	2538672.29	626.08	6034809.68	605.22	-0.14
	(2204763.12 to 2907905.77)	(545.76 to 714.16)	(5187531.30 to 6941634.80)	(522.16 to 693.98)	(-0.17 to -0.12)
High-middle SDI	1843787.03	589.50	5135259.16	649.37	-0.08
	(1578602.70 to 2120904.81)	(510.81 to 677.40)	(4355309.23 to 5916705.86)	(553.21 to 750.99)	(-0.10 to -0.05)
Middle SDI	1882898.55	553.15	6331533.73	608.64	0.15
	(1616748.53 to 2148959.87)	(480.49 to 635.90)	(5391992.33 to 7261250.92)	(520.50 to 703.76)	(0.12 to 0.19)
Low-middle SDI	1036258.37	479.39	2485049.88	470.74	-0.23
	(895433.66 to 1184833.10)	(417.72 to 546.49)	(2142537.77 to 2829992.64)	(408.92 to 538.63)	(-0.25 to -0.21)
Low SDI	345676.50	453.10	749099.01	430.26	0.20
	(296589.75 to 394174.14)	(394.41 to 514.95)	(644731.54 to 852840.18)	(374.07 to 490.13)	(0.17 to 0.23)
Western Europe	1271138.31	585.82	2693238.10	575.04	-0.06
	(1097180.03 to 1450203.42)	(510.92 to 663.96)	(2300302.20 to 3089337.39)	(493.45 to 658.43)	(-0.09 to -0.03)
Central Europe	293666.72	584.13	509050.30	568.18	-0.09
	(250653.46 to 337568.51)	(502.37 to 670.49)	(435082.59 to 584298.06)	(488.48 to 650.20)	(-0.10 to -0.09)
Eastern Europe	396927.83	582.36	645265.46	574.80	-0.07
	(337089.89 to 457254.22)	(501.37 to 674.26)	(552000.26 to 745456.88)	(493.91 to 665.82)	(-0.10 to -0.03)
North Africa and Middle East	431271.99	728.71	1188401.04	689.47	-0.17
	(372313.84 to 491582.09)	(634.20 to 828.75)	(1028157.81 to 1346561.01)	(595.71 to 788.10)	(-0.18 to -0.16)
Western Sub-Saharan Africa	112323.47	359.23	222137.98	330.39	-0.29
	(96269.32 to 128427.27)	(312.34 to 409.57)	(191557.44 to 253186.15)	(286.40 to 377.49)	(-0.31 to -0.28)
Central Sub-Saharan Africa	36031.76	562.00	79124.45	539.40	-0.12
	(30688.09 to 41137.15)	(483.70 to 638.80)	(68246.42 to 90314.74)	(466.05 to 614.53)	(-0.13 to -0.11)
Eastern Sub-Saharan Africa	121797.92	488.35	249486.65	455.31	-0.21
	(104271.13 to 139000.50)	(426.31 to 553.63)	(214835.13 to 283979.00)	(394.54 to 517.40)	(-0.22 to -0.21)
Southern Sub-Saharan Africa	42418.97	496.49	79513.04	471.49	-0.14
	(36285.81 to 48234.55)	(427.98 to 568.03)	(67658.58 to 90958.47)	(407.54 to 542.75)	(-0.16 to -0.13)

Central Asia	77455.62	562.89	135612.63	554.81	-0.04
	(66597.34 to 88183.82)	(486.34 to 646.52)	(116462.21 to 154593.86)	(476.95 to 631.62)	(-0.06 to -0.03)
East Asia	1553270.33	568.91	6291709.17	719.43	0.49
	(1317953.68 to 1784653.62)	(488.79 to 659.03)	(5260579.03 to 7288693.14)	(608.42 to 838.07)	(0.43 to 0.56)
South Asia	824380.52	405.21	2233700.35	401.35	-0.21
	(710286.98 to 944234.51)	(349.70 to 464.49)	(1917296.71 to 2565296.70)	(345.92 to 461.69)	(-0.26 to -0.15)
Southeast Asia	487525.62	578.96	1249621.94	544.76	-0.19
	(420954.35 to 555655.53)	(502.81 to 659.67)	(1066904.91 to 1435709.48)	(469.62 to 624.89)	(-0.22 to -0.17)
High-income Asia Pacific	376584.52	540.48	1323369.51	564.24	0.31
	(324543.87 to 430682.99)	(466.84 to 615.87)	(1147781.77 to 1518229.47)	(490.73 to 646.60)	(0.27 to 0.35)
High-income North America	1000631.53	735.45	2018884.88	673.13	-0.32
	(862604.18 to 1146171.62)	(636.08 to 842.40)	(1721807.38 to 2334516.20)	(578.35 to 777.62)	(-0.37 to -0.28)
Andean Latin America	33062.66	398.96	99299.65	385.78	-0.10
	(28617.76 to 37687.45)	(345.63 to 456.19)	(85280.50 to 113822.12)	(331.73 to 443.32)	(-0.12 to -0.09)
Tropical Latin America	221115.30	694.88	739328.37	721.75	0.10
	(190003.33 to 252471.70)	(604.56 to 794.25)	(640525.65 to 845307.67)	(626.95 to 830.36)	(0.06 to 0.15)
Central Latin America	179863.24	562.12	549922.22	529.95	-0.15
	(155172.37 to 205940.34)	(487.17 to 641.94)	(473214.45 to 627718.45)	(455.75 to 608.22)	(-0.17 to -0.14)
Southern Latin America	88851.33	526.47	182986.79	505.21	-0.16
	(75243.33 to 102229.14)	(449.63 to 605.45)	(156354.89 to 211057.10)	(431.50 to 582.92)	(-0.17 to -0.14)
Caribbean	55892.51	506.32	119722.26	493.29	-0.18
	(47947.86 to 63690.12)	(436.97 to 574.96)	(103004.41 to 135919.44)	(424.97 to 561.43)	(-0.21 to -0.15)
Australasia	46934.79	529.50	129307.56	487.32	-0.30
	(40271.24 to 53641.24)	(457.73 to 599.96)	(109955.41 to 145441.06)	(415.84 to 547.94)	(-0.33 to -0.27)
Oceania	5170.33	582.88	13626.04	556.97	-0.18
	(4351.57 to 6013.29)	(493.88 to 673.23)	(11539.61 to 15586.83)	(473.83 to 638.45)	(-0.2 to -0.16)
Female					
Global	14143445.64	736.15	36103379.82	769.94	0.04
	(12361842.01 to 16105291.71)	(646.05 to 834.27)	(31468184.99 to 41117469.75)	(670.71 to 877.57)	(0.01 to 0.06)

High SDI	5555314.08	779.53	11181375.30	785.95	0.04
	(4870460.70 to 6289135.84)	(688.19 to 876.30)	(9802817.23 to 12647325.31)	(688.16 to 890.84)	(0.03 to 0.06)
High-middle SDI	3836778.13	737.93	9789837.87	843.16	0.27
	(3329022.69 to 4397739.01)	(643.63 to 839.80)	(8480717.30 to 11201317.85)	(733.40 to 964.07)	(0.23 to 0.31)
Middle SDI	2948721.22	725.07	10470720.86	809.65	0.11
	(2552221.06 to 3371896.87)	(631.65 to 825.97)	(9083465.13 to 12003630.98)	(701.25 to 927.83)	(0.06 to 0.16)
Low-middle SDI	1313970.41	602.52	3524334.78	568.49	-0.24
	(1137736.49 to 1489919.03)	(527.44 to 682.93)	(3056144.25 to 4010450.56)	(493.61 to 645.46)	(-0.26 to -0.23)
Low SDI	472470.80	619.99	1105895.40	587.31	-0.20
	(405636.02 to 535449.44)	(539.69 to 701.01)	(957438.30 to 1250778.36)	(511.26 to 666.01)	(-0.21 to -0.19)
Western Europe	2962117.38	747.76	5053949.62	738.77	-0.05
	(2603991.76 to 3337830.32)	(658.53 to 836.33)	(4406186.09 to 5721322.35)	(645.68 to 836.45)	(-0.08 to -0.02)
Central Europe	574994.79	699.72	1031893.28	685.68	-0.07
	(494828.88 to 661295.86)	(604.99 to 798.42)	(887836.45 to 1178703.49)	(594.88 to 783.01)	(-0.08 to -0.06)
Eastern Europe	1256489.78	699.82	1735250.76	696.96	-0.04
	(1078900.61 to 1447063.71)	(606.13 to 800.30)	(1493075.26 to 1990874.03)	(605.45 to 794.92)	(-0.08 to 0)
North Africa and Middle East	545760.87	891.11	1495970.46	853.32	-0.15
	(471452.14 to 616526.40)	(772.15 to 1009.39)	(1297818.42 to 1698399.05)	(740.25 to 969.50)	(-0.16 to -0.14)
Western Sub-Saharan Africa	169347.41	500.01	351832.46	471.46	-0.17
	(146446.27 to 192193.71)	(433.25 to 566.85)	(302945.13 to 397641.70)	(409.27 to 536.83)	(-0.18 to -0.15)
Central Sub-Saharan Africa	64147.43	921.83	174510.15	878.65	-0.14
	(55137.08 to 73694.78)	(799.45 to 1050.88)	(151267.56 to 197323.54)	(767.51 to 991.19)	(-0.15 to -0.14)
Eastern Sub-Saharan Africa	184812.95	733.64	442747.10	691.70	-0.18
	(159089.80 to 209485.07)	(639.38 to 831.36)	(384063.26 to 501175.50)	(604.96 to 782.15)	(-0.18 to -0.17)
Southern Sub-Saharan Africa	94823.47	726.76	189285.77	679.04	-0.18
	(81860.36 to 108596.02)	(629.64 to 829.19)	(162814.56 to 216701.35)	(587.87 to 773.94)	(-0.20 to -0.17)
Central Asia	178564.77	675.13	263178.86	668.10	-0.02
	(154304.70 to 202963.58)	(585.27 to 765.22)	(228247.69 to 298328.36)	(579.44 to 759.33)	(-0.04 to -0.01)
East Asia	2598282.52	779.02	11122463.98	1010.30	0.41
	(2239631.35 to 2989313.09)	(675.20 to 893.04)	(9570555.92 to 12843806.49)	(866.63 to 1168.43)	(0.33 to 0.49)

South Asia	934661.34	489.88	2913777.31	467.32	-0.23
	(807548.56 to 1065908.44)	(427.34 to 558.57)	(2518033.85 to 3322522.40)	(402.56 to 533.18)	(-0.26 to -0.20)
Southeast Asia	781834.49	745.57	2138176.78	714.77	-0.13
	(674967.28 to 889544.96)	(650.53 to 850.71)	(1854956.77 to 2433866.63)	(621.33 to 819.49)	(-0.14 to -0.12)
High-income Asia Pacific	805486.24	727.64	2786155.39	767.81	0.33
	(700022.53 to 915511.10)	(634.58 to 825.09)	(2407134.69 to 3178020.01)	(670.03 to 872.59)	(0.27 to 0.38)
High-income North America	2021170.94	865.01	3489531.67	855.14	-0.07
	(1753171.02 to 2305086.83)	(754.24 to 981.61)	(3046880.11 to 3956726.21)	(745.08 to 973.17)	(-0.12 to -0.02)
Andean Latin America	45776.77	496.53	148865.08	492.42	-0.04
	(39589.80 to 52072.51)	(430.16 to 565.58)	(129053.73 to 170656.05)	(425.34 to 564.67)	(-0.05 to -0.03)
Tropical Latin America	319592.22	806.19	1122765.23	787.01	-0.16
	(276287.60 to 364594.30)	(703.41 to 917.21)	(978889.05 to 1275973.77)	(685.90 to 894.81)	(-0.21 to -0.11)
Central Latin America	240262.44	683.99	847177.88	647.84	-0.12
	(208137.18 to 273767.78)	(592.45 to 775.87)	(739164.59 to 960147.42)	(562.67 to 737.54)	(-0.13 to -0.10)
Southern Latin America	170911.07	685.32	363205.02	654.67	-0.14
	(146970.21 to 193482.69)	(592.04 to 776.40)	(313611.83 to 413445.08)	(566.13 to 742.51)	(-0.15 to -0.13)
Caribbean	74579.85	600.58	181370.75	594.96	-0.15
	(64560.81 to 84771.43)	(521.80 to 679.77)	(157277.36 to 204774.95)	(517.73 to 674.95)	(-0.18 to -0.13)
Australasia	113336.00	812.77	234199.26	700.66	-0.51
	(97581.01 to 129227.00)	(704.53 to 922.55)	(204264.27 to 266079.66)	(613.01 to 792.10)	(-0.54 to -0.47)
Oceania	6492.92	762.62	17073.01	729.19	-0.19
	(5559.19 to 7395.07)	(659.65 to 872.52)	(14564.17 to 19464.89)	(626.56 to 834.94)	(-0.21 to -0.17)

Abbreviations: ASR, age-standardized rate; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index; GBD, Global Burden of Diseases, Injuries, and Risk Factors Study; EAPC, estimated annual percentage change; UI, uncertainty interval; CI, confidence interval.

Table S3 The case number and ASR of DALYs of ADODs in 1990 and 2021 by globally, SDI quintiles and GBD regions, with EAPC from 1990 to 2021

Location	1990		2021		1990-2021
	Number (95% UI)	ASR (95% UI)	Number (95% UI)	ASR (95% UI)	EAPC (95% CI)
Both sexes					
Global	13572308.01 (29586865.34 to 6439340.75)	445.75 (958.03 to 206.08)	36332686.74 (76873276.22 to 17237624.04)	450.98 (950.16 to 212.69)	-0.02 (-0.03 to -0.01)
High SDI	5178315.82 (11074196.13 to 2446913.54)	475.13 (1007.56 to 223.26)	11731986.38 (24033198.96 to 5566769.46)	460.75 (948.43 to 220.37)	-0.11 (-0.12 to -0.10)
High-middle SDI	3550380.94 (7789657.73 to 1664386.13)	460.79 (995.92 to 211.15)	9243771.87 (19638387.90 to 4399643.22)	481.70 (1023.96 to 228.79)	0.07 (0.04 to 0.09)
Middle SDI	2975640.27 (6593075.80 to 1398259.77)	434.43 (947.97 to 200.09)	10141157.12 (21854759.51 to 4901244.16)	455.35 (982.76 to 215.96)	0.03 (0 to 0.05)
Low-middle SDI	1357814.31 (3022103.74 to 641755.39)	334.98 (731.97 to 157.27)	3925269.53 (8561477.16 to 1774098.38)	360.40 (783.93 to 164.09)	0.23 (0.22 to 0.24)
Low SDI	495708.60 (1102218.15 to 228392.71)	358.32 (788.84 to 163.29)	1260614.55 (2856161.93 to 565044.03)	383.04 (863.74 to 167.71)	0.24 (0.18 to 0.29)
Western Europe	2746235.19 (1292223.63 to 5841690.78)	460.18 (215.66 to 971.82)	5385860.20 (2539408.03 to 11019001.76)	443.24 (211.93 to 909.88)	-0.12 (-0.13 to-0.11)
Central Europe	488559.21 (236363.88 to 1078062.31)	391.81 (185.38 to 853.38)	933195.44 (446017.51 to 1970589.03)	386.04 (184.19 to 812.17)	-0.05 (-0.06 to -0.04)
Eastern Europe	934163.16 (452799.09 to 2040927.75)	403.75 (191.34 to 870.95)	1438732.66 (673856.28 to 3104949.27)	396.72 (186.44 to 853.77)	-0.07 (-0.09 to -0.05)
North Africa and Middle East	578976.97 (280433.29 to 1264231.57)	515.80 (245.62 to 1112.57)	1566073.36 (753719.49 to 3314933.30)	476.29 (225.56 to 1004.20)	-0.27 (-0.30 to -0.25)
Western Sub-Saharan Africa	181911.41 (82648.21 to 402087.56)	311.57 (138.94 to 686.95)	407625.28 (181173.24 to 942453.65)	320.74 (138.35 to 745.09)	0.14 (0.10 to 0.18)
Central Sub-Saharan Africa	62704.23 (28366.73 to 141965.29)	535.40 (238.50 to 1185.21)	178396.73 (78704.69 to 408103.32)	591.41 (255.67 to 1360.26)	0.36 (0.33 to 0.40)

Eastern Sub-Saharan Africa	191451.63	430.46	488063.10	460.68	0.24
	(89275.94 to 426489.86)	(196.38 to 949.41)	(218469.52 to 1080940.23)	(200.73 to 1028.27)	(0.23 to 0.25)
Southern Sub-Saharan Africa	81978.30	401.95	168432.99	408.97	0.05
	(39186.96 to 177347.05)	(189.45 to 867.33)	(77828.50 to 376443.51)	(187.40 to 904.57)	(0 to 0.10)
Central Asia	149208.54	388.52	232274.49	379.25	-0.10
	(71673.11 to 319464.05)	(183.29 to 831.85)	(112588.80 to 498318.56)	(181.20 to 819.07)	(-0.11 to -0.09)
East Asia	2781642.67	527.37	10359133.46	555.11	-0.02
	(1277187.91 to 6270506.59)	(233.39 to 1172.37)	(5080415.88 to 22833682.56)	(267.58 to 1222.86)	(-0.06 to 0.02)
South Asia	1009427.51	272.02	3450135.20	308.27	0.40
	(467207.54 to 2351860.82)	(126.23 to 615.50)	(1531590.99 to 7711444.89)	(135.52 to 684.96)	(0.37 to 0.43)
Southeast Asia	703422.16	400.20	2086182.24	418.63	0.12
	(344009.47 to 1485733.17)	(192.50 to 839.35)	(973510.03 to 4362204.89)	(193.30 to 883.66)	(0.08 to 0.15)
High-income Asia Pacific	795712.32	470.24	3028731.88	461.33	0.01
	(373975.69 to 1726611.13)	(218.13 to 1006.65)	(1439614.46 to 6015524.17)	(222.39 to 928.28)	(-0.01 to 0.04)
High-income North America	1931566.75	522.13	3664548.13	499.20	-0.18
	(915982.05 to 4111229.22)	(247.40 to 1104.02)	(1728304.41 to 7650510.01)	(236.41 to 1041.63)	(-0.20 to -0.16)
Andean Latin America	47308.86	278.53	151015.40	272.02	-0.11
	(22347.69 to 102110.52)	(129.89 to 603.92)	(72677.72 to 318352.16)	(131.15 to 573.64)	(-0.12 to -0.09)
Tropical Latin America	341582.40	510.43	1226226.14	503.17	-0.05
	(159913.80 to 754997.79)	(234.39 to 1109.41)	(576491.57 to 2613820.79)	(235.73 to 1070.77)	(-0.07 to -0.04)
Central Latin America	220402.36	343.12	783862.36	335.60	-0.07
	(109627.08 to 471320.10)	(166.95 to 727.80)	(384334.05 to 1643521.69)	(163.80 to 703.51)	(-0.07 to -0.06)
Southern Latin America	150663.60	379.33	340210.38	368.23	-0.08
	(73808.65 to 321853.41)	(183.13 to 803.78)	(162522.57 to 709448.85)	(176.23 to 766.73)	(-0.10 to -0.07)
Caribbean	71561.90	321.56	174179.22	313.56	-0.12
	(35505.55 to 153771.21)	(155.29 to 684.78)	(85234.84 to 368494.45)	(153.61 to 661.20)	(-0.14 to -0.11)
Australasia	97146.81	443.49	252179.14	405.09	-0.30
	(47032.30 to 204498.35)	(212.56 to 928.52)	(117589.80 to 522764.34)	(190.47 to 836.34)	(-0.32 to -0.29)
Oceania	6682.02	427.58	17628.94	397.82	-0.28
	(3204.23 to 14218.81)	(201.47 to 930.31)	(8407.93 to 38106.86)	(184.77 to 863.92)	(-0.30 to -0.26)

Male					
Global	4465556.67	362.99	12524126.46	372.53	0.05
	(2092517.14 to 9971767.69)	(164.92 to 799.27)	(5871758.06 to 27158682.55)	(170.89 to 805.03)	(0.03 to 0.06)
High SDI	1490516.30	393.36	3828803.77	383.32	0.07
	(702682.15 to 3285783.51)	(180.72 to 854.70)	(1754291.36 to 8207679.47)	(175.81 to 818.46)	(0.05 to 0.09)
High-middle SDI	1095295.71	386.01	3034359.59	402.84	0.22
	(511541.37 to 2484746.99)	(174.11 to 859.76)	(1422306.37 to 6692581.18)	(184.37 to 884.29)	(0.21 to 0.23)
Middle SDI	1105713.08	355.01	3675696.02	376.17	-0.08
	(514202.99 to 2482357.62)	(160.38 to 787.81)	(1756559.49 to 8024597.99)	(174.32 to 825.87)	(-0.10 to -0.06)
Low-middle SDI	570265.83	284.02	1503441.26	303.52	0.16
	(270428.69 to 1283772.10)	(132.66 to 632.89)	(686853.13 to 3310279.44)	(137.60 to 662.39)	(0.11 to 0.21)
Low SDI	198849.58	286.16	471579.63	298.27	0.09
	(91933.86 to 449032.61)	(131.28 to 653.22)	(211062.82 to 1098175.69)	(130.91 to 693.97)	(0.06 to 0.11)
Western Europe	757184.39	372.53	1733309.22	367.96	-0.02
	(355550.27 to 1663446.58)	(169.71 to 811.24)	(799309.27 to 3736894.14)	(169.50 to 788.90)	(-0.03 to -0.01)
Central Europe	156711.28	337.98	289544.00	331.96	-0.06
	(75721.16 to 350936.02)	(156.58 to 748.86)	(137962.20 to 626967.98)	(156.05 to 717.05)	(-0.07 to -0.06)
Eastern Europe	208211.40	339.64	366362.78	335.56	-0.04
	(100361.19 to 459665.86)	(158.62 to 748.02)	(174695.74 to 827014.06)	(158.00 to 755.24)	(-0.05 to -0.03)
North Africa and Middle East	248518.66	455.62	685749.55	421.20	-0.27
	(119173.94 to 551607.45)	(212.27 to 1000.68)	(325983.40 to 1453095.03)	(196.93 to 890.02)	(-0.28 to -0.26)
Western Sub-Saharan Africa	69208.65	248.30	149648.82	247.77	0.02
	(31333.42 to 150585.44)	(108.34 to 557.30)	(65736.21 to 346824.73)	(105.53 to 574.93)	(-0.01 to 0.06)
Central Sub-Saharan Africa	21439.81	387.77	51150.71	407.69	0.19
	(9611.43 to 50621.14)	(170.67 to 909.40)	(22212.24 to 119296.81)	(173.95 to 956.59)	(0.14 to 0.24)
Eastern Sub-Saharan Africa	72634.83	323.40	164409.99	335.49	0.14
	(33082.91 to 163765.12)	(144.03 to 742.35)	(71961.11 to 381766.69)	(146.13 to 792.59)	(0.13 to 0.14)
Southern Sub-Saharan Africa	23401.43	294.75	45874.34	298.45	0.02
	(11217.67 to 52093.26)	(137.42 to 655.49)	(21281.49 to 105858.85)	(133.73 to 672.68)	(-0.02 to 0.06)

Central Asia	42791.63	333.62	74858.83	332.08	-0.02
	(20806.67 to 92411.24)	(155.06 to 731.18)	(35755.89 to 163068.49)	(155.04 to 724.06)	(-0.03 to -0.01)
East Asia	997673.38	423.59	3657398.13	455.45	0.07
	(445513.92 to 2367348.09)	(183.85 to 982.57)	(1733781.46 to 8304715.19)	(210.39 to 1034.71)	(0.03 to 0.11)
South Asia	450331.69	237.24	1361146.80	261.27	0.31
	(212440.55 to 1039864.95)	(110.92 to 534.09)	(615431.71 to 3070242.73)	(115.56 to 588.84)	(0.28 to 0.33)
Southeast Asia	252609.07	326.46	725794.44	338.92	0.09
	(123887.89 to 538693.22)	(153.53 to 703.25)	(335243.33 to 1577796.27)	(154.34 to 735.50)	(0.06 to 0.12)
High-income Asia Pacific	232952.21	360.87	878981.30	363.37	0.09
	(107687.38 to 524723.82)	(162.37 to 803.22)	(402991.81 to 1887268.71)	(166.91 to 778.48)	(0.07 to 0.11)
High-income North America	581322.84	449.82	1274974.35	428.94	-0.18
	(274270.38 to 1272939.36)	(208.30 to 969.19)	(583812.76 to 2735383.04)	(195.72 to 917.11)	(-0.20 to -0.16)
Andean Latin America	19937.63	248.14	60152.12	238.13	-0.15
	(9246.25 to 43813.40)	(112.58 to 546.68)	(28265.22 to 129816.18)	(111.44 to 513.90)	(-0.16 to -0.13)
Tropical Latin America	130767.17	443.88	441478.24	442.29	-0.01
	(60779.73 to 295177.51)	(201.14 to 983.98)	(207932.67 to 959627.12)	(206.46 to 956.47)	(-0.02 to 0)
Central Latin America	92364.41	300.90	299212.78	291.42	-0.11
	(45848.95 to 198913.96)	(144.83 to 644.15)	(144846.55 to 626561.39)	(140.18 to 609.98)	(-0.12 to -0.11)
Southern Latin America	47046.47	297.49	103163.41	290.28	-0.09
	(23251.53 to 101096.07)	(142.33 to 647.69)	(49347.01 to 218744.60)	(137.97 to 615.72)	(-0.10 to -0.07)
Caribbean	30568.74	294.28	69133.15	285.34	-0.14
	(14960.57 to 67260.42)	(139.29 to 641.92)	(33026.43 to 152166.32)	(136.53 to 627.45)	(-0.16 to -0.13)
Australasia	27035.82	327.47	84129.61	316.82	-0.10
	(12634.04 to 59775.80)	(151.07 to 711.62)	(38291.60 to 183963.80)	(143.91 to 688.04)	(-0.11 to -0.09)
Oceania	2845.17	360.28	7653.91	342.83	-0.19
	(1325.93 to 6316.00)	(168.33 to 818.41)	(3590.63 to 17025.53)	(156.60 to 770.31)	(-0.22 to -0.17)
Female					
Global	9106751.34	495.05	23808560.28	504.87	0
	(4330350.39 to 19615097.65)	(231.43 to 1054.27)	(11368142.66 to 49746523.96)	(241.04 to 1055.02)	(-0.01 to 0.02)

High SDI	3687799.51	517.49	7903182.62	512.73	-0.04
	(1750587.49 to 7789839.68)	(245.57 to 1089.20)	(3802461.43 to 15828730.31)	(249.67 to 1037.58)	(-0.05 to -0.03)
High-middle SDI	2455085.22	498.74	6209412.27	530.35	0.12
	(1149170.04 to 5310716.03)	(230.18 to 1065.12)	(2990655.91 to 13030888.51)	(255.11 to 1113.12)	(0.10 to 0.14)
Middle SDI	1869927.19	491.87	6465461.11	512.74	-0.01
	(886791.37 to 4086768.91)	(229.28 to 1064.42)	(3117570.70 to 13738265.86)	(244.54 to 1088.44)	(-0.04 to 0.02)
Low-middle SDI	787548.48	382.96	2421828.28	406.42	0.17
	(371690.28 to 1738331.64)	(180.33 to 833.50)	(1085166.63 to 5320287.86)	(183.27 to 888.16)	(0.16 to 0.19)
Low SDI	296859.02	423.11	789034.92	454.65	0.24
	(137318.75 to 657649.87)	(194.04 to 918.42)	(351081.10 to 1772487.83)	(201.89 to 1019.44)	(0.20 to 0.29)
Western Europe	1989050.80	502.95	3652550.98	492.26	-0.06
	(939263.21 to 4180062.79)	(237.24 to 1053.49)	(1739148.77 to 7330760.98)	(239.76 to 995.28)	(-0.08 to -0.05)
Central Europe	331847.93	421.91	643651.44	417.45	-0.03
	(160386.83 to 727385.03)	(201.60 to 913.78)	(311350.78 to 1344148.00)	(200.91 to 872.18)	(-0.04 to -0.02)
Eastern Europe	725951.76	425.00	1072369.88	423.17	-0.02
	(350629.74 to 1581488.42)	(202.20 to 913.66)	(502984.26 to 2265764.69)	(199.90 to 894.59)	(-0.04 to 0)
North Africa and Middle East	330458.31	570.84	880323.80	529.77	-0.25
	(161210.20 to 712528.46)	(276.32 to 1217.10)	(427923.56 to 1863651.21)	(253.91 to 1116.12)	(-0.29 to -0.21)
Western Sub-Saharan Africa	112702.77	360.29	257976.46	381.97	0.26
	(52243.62 to 252738.81)	(163.16 to 792.63)	(116470.16 to 595057.38)	(166.37 to 869.48)	(0.22 to 0.30)
Central Sub-Saharan Africa	41264.42	663.10	127246.02	698.99	0.22
	(18633.42 to 92407.61)	(295.31 to 1445.09)	(55461.14 to 293498.38)	(300.12 to 1596.00)	(0.16 to 0.27)
Eastern Sub-Saharan Africa	118816.81	521.22	323653.12	552.90	0.21
	(55969.58 to 259490.59)	(237.34 to 1125.03)	(143856.49 to 699201.84)	(242.80 to 1223.08)	(0.20 to 0.23)
Southern Sub-Saharan Africa	58576.87	464.29	122558.65	464.22	0.01
	(28185.46 to 125253.79)	(221.00 to 990.81)	(57092.38 to 272713.24)	(214.08 to 1025.84)	(-0.04 to 0.06)
Central Asia	106416.91	414.56	157415.66	405.72	-0.08
	(51176.89 to 227134.40)	(197.14 to 882.86)	(76059.02 to 335566.27)	(196.19 to 869.90)	(-0.09 to -0.07)
East Asia	1783969.29	589.12	6701735.33	623.88	-0.01
	(817306.32 to 3875395.87)	(262.27 to 1269.98)	(3266518.47 to 14087351.48)	(302.59 to 1301.42)	(-0.06 to 0.03)

South Asia	559095.82	308.63	2088988.41	347.94	0.37
	(261105.89 to 1295042.13)	(141.93 to 708.07)	(910048.07 to 4713862.88)	(151.70 to 771.41)	(0.34 to 0.41)
Southeast Asia	450813.09	452.80	1360387.80	473.22	0.10
	(219830.52 to 947039.95)	(219.35 to 944.54)	(642380.59 to 2811878.65)	(223.01 to 984.72)	(0.07 to 0.14)
High-income Asia Pacific	562760.11	528.86	2149750.57	522.14	0.04
	(266329.53 to 1202033.33)	(249.07 to 1117.25)	(1038199.24 to 4146658.71)	(257.37 to 1018.15)	(0.01 to 0.07)
High-income North America	1350243.91	563.29	2389573.78	551.46	-0.10
	(644677.73 to 2839174.58)	(269.67 to 1183.64)	(1145616.29 to 4918082.00)	(266.17 to 1139.30)	(-0.12 to -0.07)
Andean Latin America	27371.23	305.28	90863.29	299.77	-0.09
	(13115.21 to 58183.36)	(144.88 to 650.15)	(44098.23 to 187864.96)	(145.90 to 620.39)	(-0.11 to -0.07)
Tropical Latin America	210815.23	559.06	784747.90	544.70	-0.10
	(99480.07 to 460226.34)	(259.45 to 1203.26)	(370520.02 to 1651118.00)	(257.91 to 1149.25)	(-0.12 to -0.09)
Central Latin America	128037.95	381.88	484649.59	369.44	-0.09
	(64188.93 to 270051.79)	(188.57 to 801.17)	(238864.67 to 1001298.30)	(181.99 to 764.03)	(-0.09 to -0.08)
Southern Latin America	103617.13	429.40	237046.97	416.48	-0.08
	(50842.99 to 217534.30)	(208.60 to 899.70)	(114033.16 to 492120.86)	(201.23 to 861.99)	(-0.09 to -0.07)
Caribbean	40993.16	344.59	105046.08	335.59	-0.13
	(20589.64 to 86381.69)	(169.45 to 721.48)	(52027.44 to 216328.13)	(166.17 to 687.51)	(-0.14 to -0.12)
Australasia	70110.99	507.14	168049.53	472.64	-0.24
	(34356.94 to 145924.11)	(247.36 to 1048.92)	(79115.23 to 339882.20)	(226.74 to 959.24)	(-0.25 to -0.22)
Oceania	3836.85	487.87	9975.03	450.62	-0.31
	(1856.26 to 8015.84)	(232.66 to 1040.67)	(4820.30 to 21382.67)	(214.96 to 960.82)	(-0.32 to -0.29)

Abbreviations: ASR, age-standardized rate; DALYs, disability-adjusted life-years; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index; GBD, Global Burden of Diseases, Injuries, and Risk Factors Study; EAPC, estimated annual percentage change; UI, uncertainty interval; CI, confidence interval.

Table S4 The case number and ASR of incidence of ADODs in 1990 and 2021 for both sexes by countries and territories, with EAPC from 1990 to 2021

Location	1990		2021		1990-2021
	Number (95% UI)	ASR (95% UI)	Number (95% UI)	ASR (95% UI)	EAPC (95% CI)
Afghanistan	6792.35 (5875.78 to 7741.37)	132.83 (116.86 to 152.07)	8764.02 (7688.23 to 10025.79)	130.94 (115.12 to 149.09)	-0.05 (-0.06 to -0.03)
Albania	1848.76 (1608.10 to 2107.35)	111.95 (97.18 to 127.90)	4828.20 (4173.98 to 5529.35)	112.62 (98.00 to 128.70)	0.04 (0.03 to 0.05)
Algeria	12123.06 (10341.05 to14088.15)	134.08 (117.34 to 152.85)	37174.11 (32166.59 to 43066.26)	128.59 (112.65 to 146.91)	-0.14 (-0.15 to -0.14)
American Samoa	16.28 (13.76 to 18.81)	111.24 (95.84 to 128.11)	40.75 (34.57 to 46.98)	109.14 (93.39 to 125.47)	-0.08 (-0.09 to -0.07)
Andorra	61.19 (52.33 to 71.19)	121.55 (105.04 to 139.09)	190.22 (163.60 to 218.21)	114.28 (98.41 to 131.55)	-0.19 (-0.20 to -0.19)
Angola	2937.73 (2546.27 to 3328.64)	127.48 (111.77 to 145.28)	9171.09 (7978.69 to 10423.48)	124.21 (109.07 to 141.23)	-0.08 (-0.09 to -0.07)
Antigua and Barbuda	57.42 (49.83 to 66.39)	97.40 (85.27 to 111.61)	88.13 (76.42 to 100.88)	95.08 (82.70 to 109.64)	-0.07 (-0.08 to -0.06)
Argentina	32950.44 (28371.00 to 37756.38)	112.19 (97.11 to 128.39)	62824.57 (54326.47 to 72187.65)	106.73 (92.20 to 122.29)	-0.17 (-0.18 to -0.15)
Armenia	2554.87 (2227.62 to 2922.17)	114.41 (99.75 to 130.36)	4929.91 (4260.42 to 5654.93)	114.00 (99.56 to 130.25)	-0.02 (-0.02 to -0.01)
Australia	23451.33 (20535.20 to 26657.70)	122.93 (107.54 to 138.36)	52191.14 (45953.71 to 58771.58)	102.66 (90.27 to 115.36)	-0.62 (-0.67 to -0.58)
Austria	15981.21 (13685.34 to 18732.88)	123.67 (107.30 to 141.71)	25290.6 (21750.76 to 29369.23)	116.09 (99.55 to 133.87)	-0.25 (-0.27 to -0.22)
Azerbaijan	4661.61 (4083.49 to 5353.81)	113.74 (99.35 to 129.86)	8310.56 (7217.67 to 9441.39)	110.27 (96.65 to 126.18)	-0.13 (-0.15 to -0.11)
Bahamas	127.53 (111.09 to 145.28)	97.29 (84.85 to 110.70)	325.92 (284.71 to 372.12)	95.28 (82.97 to 109.64)	-0.07 (-0.08 to -0.07)
Bahrain	134.12 (115.21 to 153.23)	133.65 (117.28 to 152.36)	691.66 (594.10 to 787.86)	130.61 (114.78 to 148.70)	-0.05 (-0.06 to -0.04)
Bangladesh	30546.44 (26392.79 to 34911.36)	82.54 (71.13 to 94.38)	92253.51 (79986.87 to 105806.58)	79.47 (68.72 to 90.87)	-0.12 (-0.13 to -0.11)
Barbados	319.95 (275.53 to 374.23)	98.52 (86.53 to 112.22)	497.27 (433.27 to 572.72)	94.55 (82.58 to 109.16)	-0.14 (-0.16 to -0.12)
Belarus	14328.95 (12330.13 to 16547.49)	116.59 (101.35 to 133.27)	19115.13 (16467.46 to 21916.61)	116.35 (101.03 to 133.43)	0 (-0.01 to 0.02)
Belgium	22507.98 (19648.29 to 25796.76)	136.89 (120.08 to 155.50)	34244.74 (29718.87 to 39179.26)	121.59 (105.24 to 139.55)	-0.43 (-0.46 to -0.40)

Belize	91.37 (79.53 to 104.01)	101.05 (87.86 to 115.00)	243.77 (213.81 to 276.37)	97.17 (84.64 to 110.79)	-0.11 (-0.12 to -0.11)
Benin	1377.33 (1200.42 to 1579.17)	84.72 (73.95 to 97.15)	2908.59 (2551.69 to 3315.77)	75.85 (65.91 to 87.05)	-0.25 (-0.29 to -0.21)
Bermuda	56.32 (48.10 to 64.78)	99.80 (86.10 to 114.94)	150.04 (129.91 to 172.68)	98.24 (84.80 to 112.71)	-0.06 (-0.06 to -0.05)
Bhutan	129.01 (112.01 to 146.60)	83.88 (72.92 to 96.22)	415.12 (359.89 to 474.92)	77.45 (67.36 to 88.68)	-0.25 (-0.27 to -0.23)
Bolivia (Plurinational State of)	2016.26 (1743.52 to 2304.74)	83.32 (72.16 to 95.49)	6052.02 (5222.14 to 6916.08)	82.05 (71.22 to 94.16)	-0.01 (-0.03 to 0.01)
Bosnia and Herzegovina	3521.35 (3014.76 to 4068.52)	111.71 (96.53 to 128.25)	7139.76 (6148.33 to 8274.95)	111.79 (96.79 to 127.27)	0.02 (-0.02 to 0.05)
Botswana	391.41 (337.28 to 448.27)	108.19 (93.86 to 123.77)	1062.42 (923.50 to 1217.56)	103.94 (90.71 to 119.61)	-0.10 (-0.12 to -0.08)
Brazil	90514.90 (79222.39 to 102650.21)	129.35 (113.26 to 146.89)	305420.63 (269291.89 to 345695.61)	127.08 (112.01 to 144.66)	-0.11 (-0.15 to -0.08)
Brunei Darussalam	78.12 (66.90 to 90.58)	101.91 (88.20 to 118.19)	237.25 (204.60 to 272.78)	101.56 (88.37 to 116.86)	0.02 (-0.01 to 0.06)
Bulgaria	11720.64 (9852.97 to 13921.66)	114.97 (99.80 to 131.97)	17298.96 (14847.65 to 20198.13)	112.43 (97.80 to 128.73)	-0.08 (-0.11 to -0.06)
Burkina Faso	2570.13 (2213.86 to 2937.51)	85.31 (73.99 to 97.74)	5394.01 (4694.53 to 6139.72)	79.80 (69.33 to 91.77)	-0.23 (-0.24 to -0.23)
Burundi	1849.95 (1597.87 to 2123.94)	109.09 (95.51 to 124.10)	3237.26 (2822.78 to 3671.71)	100.50 (88.07 to 114.87)	-0.24 (-0.26 to -0.22)
Cabo Verde	198.00 (169.97 to 229.59)	82.37 (70.98 to 94.30)	319.35 (275.95 to 362.53)	78.13 (67.85 to 89.40)	-0.18 (-0.18 to -0.17)
Cambodia	3587.36 (3093.13 to 4101.08)	116.07 (101.32 to 132.03)	10161.61 (8837.78 to 11662.40)	112.21 (97.73 to 128.37)	-0.16 (-0.18 to -0.14)
Cameroon	2454.72 (2119.03 to 2795.26)	79.70 (69.02 to 91.36)	6432.67 (5588.14 to 7315.99)	75.45 (65.39 to 86.37)	-0.18 (-0.18 to -0.17)
Canada	48603.00 (43425.08 to 54209.43)	149.59 (134.39 to 165.87)	105263.87 (93818.75 to 117160.41)	132.40 (118.02 to 147.29)	-0.55 (-0.61 to -0.48)
Central African Republic	864.75 (742.37 to 981.17)	132.85 (116.29 to 150.68)	1621.77 (1391.37 to 1837.32)	130.87 (114.21 to 148.33)	-0.10 (-0.11 to -0.08)
Chad	1872.13 (1620.32 to 2149.87)	84.07 (72.82 to 96.50)	3051.90 (2649.09 to 3472.22)	76.45 (66.54 to 87.28)	-0.32 (-0.33 to -0.31)
Chile	9600.64 (8387.59 to 10954.54)	109.85 (96.31 to 124.05)	28466.36 (24777.30 to 32535.01)	107.87 (93.91 to 123.11)	-0.03 (-0.05 to -0.01)
China	703178.00 (601505.73 to 808633.19)	121.11 (105.50 to 137.99)	2914112.02 (2504728.47 to 3350743.09)	151.47 (131.22 to 173.34)	0.41 (0.34 to 0.49)
Colombia	16113.30 (14110.59 to 18304.31)	113.71 (99.52 to 130.26)	63668.02 (55801.53 to 72057.75)	112.13 (97.75 to 127.51)	-0.03 (-0.05 to -0.01)
Comoros	137.93 (119.19 to 157.11)	105.26 (92.01 to 119.38)	380.71 (330.24 to 432.40)	100.96 (88.05 to 115.39)	-0.12 (-0.13 to -0.11)
Congo	856.86 (735.86 to 984.21)	124.97 (109.29 to 142.35)	2079.11 (1885.98 to 2268.53)	120.80 (109.94 to 132.53)	-0.08 (-0.11 to -0.06)
Cook Islands	10.71 (9.11 to 12.49)	111.54 (95.15 to 129.33)	27.99 (23.76 to 32.41)	109.53 (93.60 to 126.15)	-0.07 (-0.08 to -0.06)

Costa Rica	1812.21 (1577.93 to 2076.88)	113.52 (98.91 to 129.64)	6142.91 (5378.37 to 6984.96)	110.62 (95.96 to 126.87)	-0.07 (-0.09 to -0.06)
Côte d'Ivoire	1875.81 (1625.59 to 2132.47)	79.55 (69.19 to 91.73)	5597.97 (4849.67 to 6400.62)	76.63 (66.06 to 88.28)	-0.12 (-0.14 to -0.11)
Croatia	6091.18 (5281.19 to 7058.03)	116.47 (101.76 to 133.92)	11298.72 (9711.33 to 12992.76)	112.67 (98.23 to 128.39)	-0.08 (-0.10 to -0.07)
Cuba	9051.32 (7853.40 to 10345.61)	92.22 (80.31 to 104.84)	19277.53 (16865.19 to 21941.19)	91.41 (79.70 to 103.65)	-0.20 (-0.25 to -0.16)
Cyprus	830.55 (700.44 to 984.62)	122.06 (106.32 to 139.42)	2459.38 (2096.03 to 2871.04)	117.37 (101.52 to 134.87)	-0.09 (-0.11 to -0.07)
Czechia	15054.37 (12908.74 to 17515.07)	111.88 (97.48 to 128.14)	26326.7 (22779.12 to 30304.72)	111.23 (96.31 to 127.59)	-0.05 (-0.07 to -0.04)
Democratic People's Republic of Korea	12409.99 (10608.12 to 14299.31)	110.89 (95.65 to 127.83)	31408.03 (26865.11 to 36668.02)	108.50 (93.89 to 125.37)	-0.09 (-0.11 to -0.07)
Democratic Republic of the Congo	12092.42 (10445.57 to 13798.89)	126.38 (110.62 to 143.95)	29847.15 (26224.86 to 33721.91)	126.99 (111.77 to 144.57)	0.02 (-0.01 to 0.05)
Denmark	9291.62 (8124.40 to 10635.71)	102.88 (90.99 to 117.38)	11465.87 (9905.66 to 13147.69)	84.34 (72.78 to 96.21)	-0.73 (-0.76 to -0.69)
Djibouti	85.34 (73.95 to 96.41)	109.58 (95.81 to 124.89)	402.28 (346.99 to 454.31)	104.02 (90.57 to 118.65)	-0.13 (-0.14 to -0.11)
Dominica	58.20 (50.24 to 66.80)	99.50 (86.83 to 113.70)	73.75 (63.79 to 84.24)	96.57 (83.47 to 110.40)	-0.09 (-0.10 to -0.08)
Dominican Republic	2988.56 (2577.95 to 3424.80)	99.14 (86.33 to 112.62)	9479.28 (8274.84 to 10747.68)	99.53 (86.68 to 113.07)	-0.12 (-0.15 to -0.08)
Ecuador	3780.73 (3261.18 to 4330.96)	83.15 (71.74 to 95.91)	12516.95 (10755.67 to 14473.23)	81.16 (69.99 to 93.40)	-0.03 (-0.05 to -0.02)
Egypt	22678.39 (19874.40 to 25359.50)	130.73 (116.04 to 147.50)	50931.45 (44458.72 to 57308.66)	126.46 (111.45 to 144.07)	-0.04 (-0.07 to -0.02)
El Salvador	3066.42 (2697.58 to 3483.04)	111.03 (97.01 to 126.66)	7619.08 (6699.58 to 8707.92)	112.22 (98.14 to 128.45)	0.06 (0.05 to 0.08)
Equatorial Guinea	161.94 (141.15 to 184.31)	129.40 (113.39 to 147.34)	431.31 (377.19 to 490.20)	124.45 (108.79 to 141.57)	-0.15 (-0.16 to -0.14)
Eritrea	617.31 (528.19 to 701.94)	110.64 (96.26 to 126.77)	1734.66 (1502.58 to 1974.89)	104.21 (90.44 to 119.18)	-0.18 (-0.19 to -0.17)
Estonia	2267.93 (1946.17 to 2638.03)	113.98 (99.49 to 130.87)	3662.14 (3185.42 to 4204.35)	112.78 (98.89 to 128.28)	-0.01 (-0.05 to 0.04)
Eswatini	202.87 (175.66 to 231.13)	105.08 (91.43 to 120.24)	358.85 (309.79 to 410.98)	101.07 (88.65 to 115.80)	-0.13 (-0.14 to -0.12)
Ethiopia	13006.36 (11190.26 to 14825.68)	110.74 (96.77 to 126.37)	34226.43 (30050.02 to 38961.22)	102.87 (90.07 to 116.73)	-0.21 (-0.24 to -0.17)
Fiji	254.87 (217.21 to 294.33)	112.73 (96.97 to 130.52)	581.93 (494.81 to 672.43)	110.65 (95.50 to 127.91)	-0.08 (-0.09 to -0.07)
Finland	9014.01 (7813.13 to 10305.69)	121.24 (105.54 to 137.41)	16662.35 (14213.03 to 19329.49)	108.45 (92.52 to 124.81)	-0.40 (-0.41 to -0.39)
France	91989.85 (82415.49 to 101757.71)	99.39 (89.46 to 109.62)	163141.40 (143062.49 to 184345.27)	93.63 (82.25 to 105.56)	-0.22 (-0.26 to -0.19)

Gabon	569.55 (493.55 to 651.85)	125.84 (109.61 to 143.75)	911.23 (793.75 to 1041.72)	123.01 (107.72 to 140.92)	-0.05 (-0.07 to -0.04)
Gambia	197.97 (171.17 to 225.50)	84.22 (73.25 to 96.89)	572.85 (492.74 to 657.96)	77.92 (67.57 to 89.88)	-0.26 (-0.27 to -0.25)
Georgia	6398.73 (5542.19 to 7305.76)	113.74 (99.03 to 129.23)	7575.89 (6602.85 to 8610.61)	113.98 (99.53 to 129.49)	0.01 (0 to 0.02)
Germany	200149.04 (178694.90 to 222830.91)	145.12 (130.54 to 161.52)	339825.11 (299327.90 to 382748.84)	142.13 (124.57 to 159.72)	-0.10 (-0.13 to -0.07)
Ghana	3176.54 (2733.79 to 3631.06)	76.92 (66.34 to 88.65)	8607.84 (7445.88 to 9814.47)	75.09 (64.72 to 86.42)	-0.06 (-0.07 to -0.05)
Greece	18805.65 (16044.88 to 21941.71)	124.20 (107.47 to 142.66)	37087.06 (31837.75 to 42953.64)	119.17 (103.16 to 136.72)	-0.11 (-0.13 to -0.09)
Greenland	29.87 (25.53 to 34.50)	138.09 (119.55 to 159.13)	69.35 (59.91 to 79.35)	135.63 (117.63 to 156.11)	-0.07 (-0.10 to -0.05)
Grenada	83.21 (72.52 to 96.01)	99.53 (86.87 to 113.92)	91.61 (79.48 to 105.21)	98.02 (85.92 to 112.22)	-0.02 (-0.05 to 0.01)
Guam	53.58 (45.40 to 62.33)	109.67 (94.24 to 128.33)	241.93 (210.23 to 274.75)	108.97 (93.85 to 125.54)	-0.03 (-0.03 to -0.02)
Guatemala	2751.89 (2397.88 to 3133.75)	113.72 (99.12 to 129.64)	10937.52 (9620.14 to 12427.78)	112.54 (98.73 to 127.70)	-0.02 (-0.03 to 0)
Guinea	2174.00 (1892.71 to 2477.14)	83.16 (72.43 to 95.24)	3371.56 (2919.96 to 3850.38)	78.39 (67.86 to 90.01)	-0.19 (-0.21 to -0.18)
Guinea-Bissau	197.07 (168.84 to 224.29)	79.09 (68.36 to 91.21)	329.67 (282.82 to 376.03)	77.05 (66.66 to 89.04)	-0.07 (-0.08 to -0.06)
Guyana	289.16 (250.46 to 331.74)	97.11 (84.10 to 111.09)	481.50 (419.37 to 548.41)	96.25 (83.56 to 110.32)	-0.04 (-0.05 to -0.03)
Haiti	2210.37 (1903.78 to 2513.59)	102.30 (89.46 to 116.07)	4672.18 (4066.33 to 5353.52)	94.82 (82.42 to 108.66)	-0.26 (-0.28 to -0.25)
Honduras	1844.69 (1607.73 to 2106.86)	115.03 (100.77 to 131.35)	5675.18 (4919.35 to 6494.74)	113.19 (98.75 to 129.15)	-0.05 (-0.06 to -0.05)
Hungary	15684.70 (13498.85 to 18318.41)	112.52 (98.61 to 128.63)	24330.61 (21064.59 to 27869.46)	111.47 (96.69 to 127.63)	-0.02 (-0.05 to 0.02)
Iceland	416.04 (363.08 to 469.41)	135.01 (117.98 to 152.05)	798.82 (689.47 to 898.01)	122.36 (106.34 to 137.53)	-0.36 (-0.38 to -0.35)
India	241550.11 (209565.40 to 274945.79)	79.45 (68.69 to 90.82)	749489.73 (648646.24 to 856822.53)	78.92 (68.29 to 90.58)	-0.16 (-0.21 to -0.11)
Indonesia	78839.92 (68675.88 to 89397.46)	115.97 (101.07 to 132.00)	189722.06 (164141.90 to 216604.17)	113.31 (98.38 to 129.52)	-0.07 (-0.09 to -0.05)
Iran (Islamic Republic of)	23334.40 (20148.20 to 26478.93)	137.67 (120.79 to 156.35)	87936.73 (77508.07 to 99878.87)	133.73 (117.53 to 151.85)	-0.08 (-0.09 to -0.07)
Iraq	9438.57 (8245.60 to 10705.77)	135.28 (117.85 to 154.35)	22203.92 (19382.49 to 25183.82)	129.62 (113.05 to 148.98)	-0.17 (-0.19 to -0.16)

Ireland	4989.53 (4265.36 to 5794.78)	122.27 (105.91 to 140.72)	9578.78 (8205.25 to 11079.58)	111.99 (95.75 to 128.99)	-0.30 (-0.32 to -0.27)
Israel	5741.62 (4862.21 to 6705.51)	120.30 (103.78 to 138.38)	15408.04 (13246.95 to 17721.53)	113.13 (97.01 to 130.26)	-0.21 (-0.22 to -0.20)
Italy	106541.2 (89872.05 to 123111.50)	116.29 (98.96 to 133.09)	248809.37 (215069.24 to 285482.01)	134.76 (116.74 to 153.65)	0.28 (0.09 to 0.46)
Jamaica	2078.31 (1816.41 to 2383.44)	110.63 (96.95 to 126.27)	3489.77 (3046.34 to 3974.29)	104.77 (91.01 to 120.07)	-0.20 (-0.21 to -0.18)
Japan	184306.44 (160124.11 to 210886.25)	115.81 (101.01 to 131.94)	576269.98 (503457.36 to 662793.89)	117.23 (102.05 to 133.68)	0.20 (0.15 to 0.25)
Jordan	1219.32 (1064.72 to 1388.76)	133.38 (116.04 to 152.85)	7242.94 (6314.13 to 8274.12)	134.51 (116.99 to 153.81)	0.07 (0.03 to 0.10)
Kazakhstan	11925.73 (10449.48 to 13734.68)	113.75 (99.27 to 130.56)	15444.17 (13387.44 to 17641.51)	111.10 (96.76 to 126.81)	-0.08 (-0.10 to -0.05)
Kenya	6571.81 (5712.91 to 7457.17)	106.99 (93.29 to 121.75)	16494.27 (14434.97 to 18731.66)	105.14 (91.55 to 119.62)	-0.06 (-0.08 to -0.04)
Kiribati	28.06 (24.02 to 32.19)	121.16 (104.74 to 139.34)	53.96 (46.28 to 62.06)	121.84 (106.12 to 138.96)	0.01 (-0.02 to 0.04)
Kuwait	544.29 (478.22 to 612.27)	137.77 (120.63 to 157.00)	2813.54 (2484.36 to 3155.38)	131.46 (115.44 to 149.34)	-0.15 (-0.17 to -0.13)
Kyrgyzstan	2913.45 (2546.30 to 3333.36)	112.94 (98.41 to 128.40)	4133.92 (3622.13 to 4676.30)	113.88 (99.39 to 130.07)	0.05 (0.04 to 0.06)
Lao People's Democratic Republic	1568.60 (1343.82 to 1799.98)	114.26 (100.61 to 130.80)	3764.48 (3279.76 to 4289.67)	111.82 (97.43 to 127.89)	-0.06 (-0.07 to -0.04)
Latvia	4054.77 (3486.58 to 4705.49)	114.61 (99.77 to 131.15)	5466.94 (4733.01 to 6277.08)	114.97 (99.97 to 131.00)	0.04 (0.02 to 0.06)
Lebanon	2400.57 (2106.67 to 2743.55)	139.66 (122.17 to 159.68)	9166.70 (8003.26 to 10453.15)	140.48 (122.53 to 159.62)	0 (-0.01 to 0.01)
Lesotho	738.46 (639.39 to 840.66)	110.50 (95.98 to 126.11)	790.84 (681.80 to 906.47)	108.92 (94.83 to 124.74)	-0.02 (-0.03 to -0.01)
Liberia	664.27 (570.04 to 760.63)	77.77 (67.19 to 89.07)	1101.31 (956.03 to 1253.33)	75.16 (64.95 to 86.14)	-0.11 (-0.12 to -0.10)
Libya	2154.18 (1897.58 to 2432.23)	137.01 (120.05 to 155.79)	5286.67 (4619.37 to 5998.10)	130.47 (114.04 to 148.13)	-0.16 (-0.18 to -0.14)
Lithuania	5084.92 (4374.51 to 5890.25)	113.06 (98.58 to 129.94)	7770.76 (6693.97 to 9018.17)	112.73 (98.22 to 129.20)	0.02 (-0.01 to 0.05)
Luxembourg	558.09 (474.94 to 654.64)	100.78 (86.37 to 116.34)	1033.34 (879.65 to 1191.16)	87.36 (74.31 to 101.13)	-0.51 (-0.57 to -0.45)
Madagascar	3780.73 (3271.75 to 4303.82)	105.10 (91.62 to 120.32)	6742.84 (5808.33 to 7653.95)	99.76 (86.80 to 114.13)	-0.15 (-0.17 to -0.14)
Malawi	2682.72 (2316.37 to 3057.36)	105.40 (91.35 to 120.59)	5279.58 (4598.97 to 6026.93)	104.71 (90.82 to 119.89)	-0.01 (-0.02 to 0.01)

Malaysia	9071.16 (7978.23 to 10273.67)	116.13 (101.28 to 132.46)	26046.43 (22442.69 to 29858.18)	111.29 (95.99 to 127.46)	-0.12 (-0.13 to -0.10)
Maldives	62.41 (53.63 to 70.84)	109.84 (95.49 to 126.07)	309.20 (268.73 to 355.38)	113.22 (98.24 to 129.67)	0.10 (0.07 to 0.13)
Mali	2124.62 (1833.45 to 2420.70)	81.91 (71.19 to 93.65)	4711.81 (4071.99 to 5355.18)	78.55 (68.40 to 89.84)	-0.13 (-0.14 to -0.12)
Malta	489.37 (421.31 to 568.24)	122.80 (106.32 to 141.45)	1295.27 (1113.12 to 1493.00)	113.91 (98.03 to 130.83)	-0.22 (-0.25 to -0.20)
Marshall Islands	11.66 (9.87 to 13.61)	107.43 (92.62 to 124.49)	20.51 (17.28 to 23.84)	103.94 (89.43 to 120.50)	-0.11 (-0.11 to -0.10)
Mauritania	626.52 (536.72 to 722.09)	83.53 (71.72 to 96.45)	1315.96 (1142.10 to 1500.38)	77.53 (67.33 to 88.83)	-0.24 (-0.25 to -0.23)
Mauritius	615.70 (531.71 to 710.45)	112.36 (97.71 to 130.05)	1882.68 (1628.51 to 2139.19)	111.73 (96.55 to 127.55)	0.01 (-0.01 to 0.04)
Mexico	36268.85 (31428.01 to 41672.52)	106.03 (91.84 to 120.63)	110466.59 (96168.25 to 125493.70)	97.19 (84.27 to 111.26)	-0.19 (-0.23 to -0.15)
Micronesia (Federated States of)	42.99 (36.57 to 50.10)	119.80 (102.66 to 137.56)	56.31 (48.36 to 64.41)	120.71 (104.84 to 139.46)	0.06 (0.05 to 0.07)
Monaco	104.42 (89.53 to 121.85)	123.30 (106.75 to 141.67)	135.76 (116.44 to 156.87)	113.72 (97.81 to 131.33)	-0.28 (-0.28 to -0.27)
Mongolia	952.20 (823.27 to 1095.09)	114.40 (99.85 to 130.62)	1818.69 (1598.74 to 2051.13)	115.83 (101.21 to 132.52)	0.05 (0.04 to 0.06)
Montenegro	654.14 (570.69 to 753.61)	114.61 (100.10 to 131.64)	1006.48 (862.69 to 1162.79)	111.66 (97.13 to 128.15)	-0.12 (-0.16 to -0.08)
Morocco	16234.11 (14139.21 to 18419.21)	136.84 (120.00 to 155.37)	36513.88 (31637.29 to 41831.35)	127.85 (111.31 to 146.15)	-0.23 (-0.23 to -0.22)
Mozambique	4333.52 (3744.70 to 4930.26)	107.72 (94.15 to 122.63)	7516.13 (6505.37 to 8549.26)	104.33 (90.49 to 119.04)	-0.08 (-0.10 to -0.07)
Myanmar	19762.28 (17256.93 to 22522.19)	122.22 (107.45 to 139.08)	44027.74 (38391.67 to 49952.40)	113.09 (99.06 to 128.82)	-0.27 (-0.28 to -0.25)
Namibia	454.08 (393.28 to 516.96)	107.16 (93.53 to 121.95)	1012.40 (884.11 to 1148.16)	103.46 (89.84 to 117.7)	-0.11 (-0.12 to -0.09)
Nauru	2.92 (2.47 to 3.39)	110.81 (95.43 to 128.03)	4.14 (3.53 to 4.76)	113.97 (98.71 to 131.23)	0.06 (0.02 to 0.10)
Nepal	5686.59 (4970.42 to 6481.19)	91.22 (79.31 to 104.24)	14856.36 (12919.28 to 16959.64)	81.31 (70.51 to 93.70)	-0.45 (-0.48 to -0.42)
Netherlands	26946.62 (23614.00 to 29767.93)	127.60 (112.23 to 140.58)	48272.06 (42167.91 to 54729.64)	121.79 (106.84 to 137.86)	-0.14 (-0.16 to -0.11)
New Zealand	4957.10 (4294.36 to 5705.00)	128.02 (110.92 to 146.45)	11097.39 (9639.18 to 12752.73)	120.84 (104.92 to 138.57)	-0.22 (-0.25 to -0.19)

Nicaragua	1443.33 (1268.19 to 1638.40)	115.45 (101.47 to 131.74)	4883.04 (4276.82 to 5562.46)	114.62 (100.58 to 131.05)	0 (-0.01 to 0.01)
Niger	1432.72 (1238.28 to 1631.53)	83.26 (72.29 to 95.94)	4296.21 (3711.95 to 4924.30)	78.36 (68.05 to 90.06)	-0.20 (-0.21 to -0.19)
Nigeria	24794.81 (21494.28 to 28163.87)	75.45 (65.40 to 86.12)	45312.40 (39635.11 to 51186.00)	68.83 (59.58 to 78.60)	-0.31 (-0.35 to -0.27)
Niue	2.74 (2.35 to 3.19)	110.25 (95.02 to 127.06)	2.17 (1.84 to 2.51)	107.28 (91.33 to 123.83)	-0.11 (-0.12 to -0.10)
North Macedonia	1753.80 (1524.53 to 2005.91)	111.85 (97.22 to 128.30)	3033.48 (2587.16 to 3531.87)	111.12 (96.41 to 127.65)	-0.01 (-0.02 to 0)
Northern Mariana Islands	10.04 (8.56 to 11.58)	109.52 (93.43 to 127.91)	37.96 (32.26 to 43.73)	107.94 (92.46 to 125.17)	-0.04 (-0.05 to -0.03)
Norway	10639.94 (9277.83 to 12217.49)	136.54 (119.38 to 155.02)	13148.55 (11351.74 to 15112.53)	114.30 (98.69 to 131.41)	-0.64 (-0.69 to -0.60)
Oman	636.27 (553.03 to 721.57)	132.92 (116.54 to 151.46)	1618.88 (1401.40 to 1862.91)	124.36 (108.14 to 143.21)	-0.20 (-0.24 to -0.15)
Pakistan	37268.58 (32344.06 to 42651.77)	84.44 (73.08 to 97.03)	67818.32 (58773.45 to 77287.22)	78.80 (67.99 to 90.38)	-0.25 (-0.26 to -0.24)
Palau	7.65 (6.43 to 8.96)	107.16 (91.89 to 124.54)	15.91 (13.45 to 18.41)	103.98 (88.42 to 120.53)	-0.09 (-0.09 to -0.08)
Palestine	960.76 (838.25 to 1093.54)	136.47 (119.22 to 154.40)	2402.20 (2102.66 to 2729.16)	131.55 (115.83 to 150.08)	-0.13 (-0.16 to -0.10)
Panama	1472.17 (1290.76 to 1676.17)	110.21 (95.80 to 125.86)	4943.26 (4335.55 to 5638.24)	108.64 (94.58 to 124.54)	-0.05 (-0.06 to -0.05)
Papua New Guinea	1228.73 (1051.28 to 1408.98)	120.02 (105.08 to 136.87)	3500.40 (3025.68 to 3981.16)	112.89 (97.86 to 129.70)	-0.25 (-0.28 to -0.22)
Paraguay	2430.61 (2117.96 to 2755.89)	123.19 (107.15 to 139.90)	6135.36 (5387.57 to 6970.09)	115.77 (101.31 to 132.33)	-0.22 (-0.23 to -0.21)
Peru	8297.04 (7192.28 to 9388.89)	78.97 (68.46 to 90.10)	25916.80 (22444.97 to 29526.09)	78.28 (67.57 to 89.77)	-0.09 (-0.11 to -0.06)
Philippines	25714.68 (22304.26 to 29464.97)	119.03 (104.70 to 135.62)	72091.91 (63051.89 to 81980.06)	113.91 (99.74 to 130.00)	-0.18 (-0.19 to -0.16)
Poland	48711.07 (41945.60 to 56293.30)	120.58 (105.09 to 137.37)	88407.30 (76685.21 to 101187.19)	114.27 (99.44 to 130.40)	-0.18 (-0.19 to -0.17)
Portugal	15775.27 (13602.55 to 18444.91)	118.74 (102.91 to 136.33)	35666.19 (30670.18 to 41513.83)	116.97 (100.45 to 134.76)	-0.02 (-0.04 to 0)
Puerto Rico	3509.33 (3009.68 to 4024.04)	99.86 (86.41 to 113.62)	8775.00 (7669.89 to 10036.22)	97.80 (84.88 to 112.14)	-0.08 (-0.09 to -0.07)
Qatar	75.17 (65.57 to 84.60)	129.42 (112.13 to 147.88)	640.05 (553.09 to 721.34)	126.56 (110.10 to 145.40)	-0.01 (-0.05 to 0.02)

Republic of Korea	26565.75 (23161.74 to 30283.62)	127.70 (112.52 to 145.12)	117489.28 (102909.94 to 133126.50)	124.63 (109.44 to 140.89)	0.01 (-0.04 to 0.06)
Republic of Moldova	3862.06 (3317.15 to 4453.43)	110.64 (96.04 to 126.38)	6801.07 (5910.45 to 7735.71)	111.97 (97.12 to 128.21)	0.03 (0.01 to 0.05)
Romania	26479.91 (22582.46 to 30910.86)	111.56 (96.96 to 128.05)	46175.04 (39787.83 to 53463.72)	111.32 (96.82 to 127.73)	-0.03 (-0.05 to -0.02)
Russian Federation	183437.94 (158326.62 to 212154.35)	117.07 (102.29 to 133.67)	279805.53 (243531.01 to 319868.90)	115.89 (101.23 to 131.98)	-0.07 (-0.12 to -0.03)
Rwanda	1926.89 (1661.02 to 2193.74)	107.03 (93.96 to 122.04)	4608.58 (4024.14 to 5193.13)	106.57 (93.24 to 120.76)	0.04 (0.02 to 0.06)
Saint Kitts and Nevis	34.80 (29.59 to 40.94)	94.29 (82.57 to 107.74)	48.45 (42.03 to 55.56)	93.38 (80.85 to 107.47)	-0.04 (-0.05 to -0.03)
Saint Lucia	77.52 (66.06 to 90.28)	98.80 (85.78 to 113.56)	222.62 (191.92 to 254.78)	95.98 (82.99 to 109.74)	-0.12 (-0.14 to -0.10)
Saint Vincent and the Grenadines	67.29 (57.63 to 77.47)	101.60 (88.04 to 115.94)	127.75 (110.98 to 146.47)	96.56 (84.19 to 110.27)	-0.16 (-0.17 to -0.16)
Samoa	70.42 (60.35 to 81.19)	111.48 (96.61 to 128.63)	124.74 (107.15 to 143.90)	108.37 (93.13 to 125.19)	-0.11 (-0.12 to -0.10)
San Marino	47.22 (41.26 to 54.22)	124.29 (108.62 to 141.54)	105.89 (91.94 to 122.26)	110.90 (96.02 to 127.71)	-0.38 (-0.40 to -0.36)
Sao Tome and Principe	42.20 (36.48 to 48.38)	78.52 (67.94 to 90.02)	60.23 (51.85 to 69.50)	73.40 (63.08 to 84.79)	-0.21 (-0.23 to -0.19)
Saudi Arabia	5403.06 (4676.44 to 6165.62)	127.34 (111.13 to 146.35)	13064.43 (11314.69 to 14779.13)	120.44 (104.42 to 138.45)	-0.19 (-0.20 to -0.17)
Senegal	1955.53 (1685.80 to 2231.24)	82.21 (71.27 to 94.43)	4513.22 (3918.62 to 5166.90)	76.64 (66.53 to 88.26)	-0.26 (-0.26 to -0.25)
Serbia	9634.77 (8166.28 to 11104.79)	111.13 (96.63 to 127.15)	19542.53 (16949.22 to 22542.75)	111.65 (96.91 to 128.06)	0 (-0.01 to 0.01)
Seychelles	62.85 (54.41 to 72.05)	113.14 (98.39 to 129.40)	108.14 (93.69 to 124.29)	109.25 (94.47 to 126.60)	-0.13 (-0.14 to -0.13)
Sierra Leone	1360.09 (1173.89 to 1556.86)	83.78 (72.77 to 95.51)	2200.86 (1908.40 to 2531.31)	79.15 (68.54 to 91.02)	-0.18 (-0.19 to -0.17)
Singapore	1571.59 (1364.24 to 1761.80)	91.55 (80.57 to 102.50)	7763.98 (6987.61 to 8584.42)	94.88 (85.54 to 104.85)	0.15 (0.12 to 0.17)
Slovakia	6379.00 (5511.86 to 7366.45)	112.67 (98.27 to 128.86)	10646.47 (9281.27 to 12234.19)	110.87 (97.08 to 127.00)	-0.05 (-0.06 to -0.04)
Slovenia	2665.75 (2305.07 to 3075.76)	110.10 (96.03 to 125.51)	5733.44 (4980.99 to 6581.80)	110.51 (96.63 to 126.67)	0.05 (0.02 to 0.08)
Solomon Islands	90.23 (76.83 to 104.17)	113.58 (98.83 to 130.20)	256.16 (219.18 to 295.40)	113.74 (98.07 to 131.08)	0.05 (0.02 to 0.07)
Somalia	1475.56 (1284.12 to 1669.85)	107.79 (94.20 to 122.85)	3589.61 (3085.60 to 4105.02)	106.72 (93.34 to 121.51)	-0.02 (-0.02 to -0.01)
South Africa	19442.72 (16975.24 to 21983.17)	114.18 (99.52 to 130.09)	39714.69 (34529.48 to 45264.00)	107.78 (93.63 to 122.59)	-0.16 (-0.17 to -0.14)
South Sudan	1980.00 (1716.37 to 2265.77)	105.62 (92.12 to 120.57)	2565.21 (2229.48 to 2898.94)	99.16 (85.85 to 113.38)	-0.19 (-0.21 to -0.16)
Spain	65154.50 (57005.26 to 72707.84)	117.06 (103.03 to 129.59)	123769.74 (107147.57 to 142152.12)	102.50 (88.99 to 116.45)	-0.37 (-0.44 to -0.30)
Sri Lanka	9120.69 (7922.59 to 10420.32)	111.29 (96.77 to 127.29)	25785.85 (22298.96 to 29882.32)	107.46 (93.30 to 123.54)	-0.13 (-0.14 to -0.12)

Sudan	9489.11 (8218.77 to 10855.96)	134.77 (118.25 to 154.07)	18537.90 (16236.04 to 21018.45)	125.81 (110.08 to 143.27)	-0.23 (-0.24 to -0.22)
Suriname	232.45 (202.83 to 263.39)	105.02 (91.54 to 120.14)	579.51 (506.28 to 662.91)	100.19 (87.41 to 115.47)	-0.16 (-0.18 to -0.15)
Sweden	24220.48 (21341.06 to 27345.22)	137.72 (121.98 to 154.24)	33510.67 (29061.12 to 38427.12)	126.32 (109.55 to 144.06)	-0.24 (-0.27 to -0.20)
Switzerland	14539.16 (12609.57 to 16716.22)	124.61 (108.66 to 142.14)	24775.98 (21497.92 to 28441.27)	113.27 (97.88 to 129.61)	-0.34 (-0.36 to -0.32)
Syrian Arab Republic	5625.21 (4948.71 to 6361.14)	139.41 (122.36 to 159.02)	13050.94 (11335.25 to 14935.98)	129.77 (113.50 to 147.95)	-0.24 (-0.25 to -0.23)
Taiwan (Province of China)	10336.65 (8829.09 to 11878.13)	91.21 (78.72 to 104.55)	43204.18 (36979.75 to 48564.66)	98.10 (83.69 to 110.20)	0.38 (0.29 to 0.47)
Tajikistan	2618.66 (2300.88 to 2977.36)	111.93 (98.19 to 127.63)	4156.95 (3626.39 to 4715.46)	104.98 (92.03 to 120.40)	-0.23 (-0.23 to -0.22)
Thailand	27745.68 (24164.12 to 31442.12)	102.51 (89.15 to 116.40)	112595.36 (98737.66 to 127875.33)	103.27 (90.64 to 117.58)	0.12 (0.06 to 0.17)
Timor-Leste	213.62 (187.16 to 240.53)	120.37 (105.37 to 137.35)	768.39 (665.60 to 888.26)	113.20 (98.46 to 129.74)	-0.18 (-0.20 to -0.16)
Togo	673.02 (587.01 to 768.03)	81.07 (70.07 to 92.89)	1900.01 (1633.77 to 2157.63)	78.26 (67.73 to 90.00)	-0.09 (-0.10 to -0.09)
Tokelau	1.31 (1.12 to 1.53)	111.36 (95.94 to 128.64)	1.63 (1.40 to 1.89)	109.37 (94.11 to 126.60)	-0.06 (-0.07 to -0.05)
Tonga	48.98 (42.11 to 56.34)	115.12 (99.63 to 133.62)	83.79 (72.87 to 96.65)	111.80 (97.12 to 128.75)	-0.11 (-0.12 to -0.09)
Trinidad and Tobago	734.54 (632.27 to 848.99)	100.82 (87.88 to 115.33)	1820.91 (1586.08 to 2069.55)	98.60 (85.73 to 112.51)	-0.06 (-0.07 to -0.05)
Tunisia	5479.53 (4747.24 to 6264.96)	142.94 (125.86 to 162.19)	15844.56 (13951.26 to 18010.81)	134.32 (117.99 to 153.04)	-0.19 (-0.20 to -0.18)
Turkey	40370.06 (35493.01 to 45674.62)	147.22 (129.54 to 166.99)	117990.91 (102837.51 to 133396.24)	139.10 (120.57 to 158.16)	-0.22 (-0.24 to -0.20)
Turkmenistan	1643.20 (1436.53 to 1864.73)	112.55 (98.74 to 128.50)	3296.35 (2868.75 to 3740.67)	107.05 (93.39 to 122.99)	-0.18 (-0.21 to -0.16)
Tuvalu	4.99 (4.24 to 5.77)	116.09 (100.33 to 134.46)	9.16 (7.94 to 10.59)	113.41 (97.97 to 130.03)	-0.07 (-0.08 to -0.06)
Uganda	4803.02 (4138.34 to 5478.43)	104.09 (91.02 to 118.56)	10730.74 (9352.38 to 12174.14)	102.68 (89.05 to 117.37)	-0.05 (-0.07 to -0.02)
Ukraine	77995.97 (66901.68 to 90221.90)	119.03 (103.58 to 135.93)	93467.28 (80738.11 to 107939.84)	115.57 (100.64 to 132.68)	-0.11 (-0.15 to -0.07)
United Arab Emirates	312.96 (269.26 to 359.03)	123.53 (107.13 to 142.63)	2323.61 (1962.77 to 2690.68)	113.49 (98.05 to 131.08)	-0.26 (-0.29 to -0.23)

United Kingdom	112868.77 (97201.11 to 130279.53)	114.58 (99.74 to 130.77)	164947.03 (142721.11 to 190062.16)	107.93 (93.37 to 123.89)	-0.17 (-0.20 to -0.13)
United Republic of Tanzania	8090.99 (7036.45 to 9219.56)	107.04 (92.95 to 122.58)	18873.20 (16814.86 to 21095.49)	98.48 (87.78 to 110.14)	-0.25 (-0.26 to -0.23)
United States of America	471555.66 (410795.97 to 540646.03)	138.61 (120.85 to 157.59)	822911.39 (718803.48 to935111.94)	131.29 (113.93 to 149.60)	-0.19 (-0.20 to -0.17)
United States Virgin Islands	63.41 (54.85 to 73.22)	97.53 (84.95 to 111.49)	181.43 (155.51 to 212.04)	94.57 (82.02 to 109.17)	-0.11 (-0.12 to -0.11)
Uruguay	4421.76 (3834.88 to 5070.01)	112.68 (98.67 to 128.38)	7016.81 (6124.23 to 8052.51)	107.09 (93.07 to 121.78)	-0.21 (-0.23 to -0.19)
Uzbekistan	11115.80 (9611.56 to 12820.74)	106.71 (92.50 to 122.44)	20088.39 (17466.67 to 22884.89)	106.19 (92.22 to 122.08)	-0.02 (-0.04 to -0.01)
Vanuatu	40.44 (34.39 to 46.86)	107.32 (92.84 to 124.06)	119.03 (101.08 to 138.00)	105.30 (90.64 to 121.61)	-0.08 (-0.10 to -0.06)
Venezuela (Bolivarian Republic of)	10207.00 (8938.52 to 11608.46)	127.09 (110.71 to 143.85)	34325.27 (30253.57 to 38771.11)	124.37 (108.40 to 141.62)	-0.08 (-0.12 to -0.05)
Viet Nam	39851.99 (34720.86 to 45599.53)	116.54 (102.61 to 133.79)	90171.72 (78824.26 to 102840.10)	110.09 (96.21 to 126.57)	-0.22 (-0.23 to -0.21)
Yemen	4712.07 (4099.33 to 5382.66)	144.23 (127.32 to 163.56)	13409.67 (11724.42 to 15191.27)	133.11 (117.14 to 151.66)	-0.27 (-0.29 to -0.24)
Zambia	1986.21 (1719.83 to 2255.12)	102.35 (89.13 to 116.62)	4722.88 (4112.35 to 5326.10)	102.65 (89.99 to 117.22)	0.06 (0.04 to 0.08)
Zimbabwe	2997.65 (2579.86 to 3417.29)	106.36 (93.06 to 121.67)	4505.11 (3920.98 to 5133.42)	102.44 (89.41 to 116.93)	-0.11 (-0.12 to -0.10)

Abbreviations: ASR, age-standardized rate; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index; GBD, Global Burden of Diseases, Injuries, and Risk Factors Study; EAPC, estimated annual percentage change; UI, uncertainty interval; CI, confidence interval.

Table S5 The case number and ASR of prevalence of ADODs in 1990 and 2021 for both sexes by countries and territories, with EAPC from 1990 to 2021

Location	1990		2021		1990-2021
	Number (95% UI)	ASR (95% UI)	Number (95% UI)	ASR (95% UI)	EAPC (95% CI)
Afghanistan	38675.28 (33029.14 to 44211.81)	777.91 (674.21 to 886.04)	49010.34 (42192.18 to 56057.24)	761.83 (655.07 to 867.52)	-0.07 (-0.09 to -0.06)
Albania	10616.68 (9165.2 to 12087.49)	646.38 (556.60 to 736.69)	27825.66 (23946.33 to 32078.57)	648.77 (562.35 to 743.87)	0.03 (0.02 to 0.04)
Algeria	68758.09 (58275.40 to 79854.40)	787.05 (675.35 to 896.79)	213904.38 (183631.49 to 246716.53)	752.64 (650.93 to 866.12)	-0.16 (-0.17 to -0.15)
American Samoa	92.25 (77.92 to 106.66)	640.58 (540.81 to 740.34)	232.47 (196.34 to 265.30)	626.63 (528.15 to 722.51)	-0.09 (-0.10 to -0.08)
Andorra	338.90 (288.39 to 390.35)	688.92 (594.24 to 791.59)	1085.74 (929.59 to 1244.87)	645.09 (551.71 to 741.30)	-0.21 (-0.21 to -0.20)
Angola	16851.96 (14489.31 to 19165.25)	760.96 (656.94 to 865.61)	52578.06 (45267.36 to 59748.76)	738.83 (636.99 to 840.23)	-0.10 (-0.10 to -0.09)
Antigua and Barbuda	330.27 (284.15 to 379.22)	559.11 (482.15 to 639.66)	504.43 (431.53 to 579.64)	545.71 (468.40 to 624.81)	-0.07 (-0.08 to -0.06)
Argentina	182118.62 (156924.43 to 207945.20)	624.58 (540.01 to 715.42)	347969.50 (301069.25 to 398592.39)	592.53 (512.44 to 676.59)	-0.18 (-0.20 to -0.16)
Armenia	14696.74 (12688.63 to 16806.44)	655.25 (565.59 to 746.77)	28418.45 (24401.79 to 32441.15)	651.84 (563.19 to 741.68)	-0.02 (-0.03 to -0.01)
Australia	132333.27 (114608.11 to 150477.33)	702.82 (607.11 to 797.96)	300594.01 (262039.77 to 338693.04)	589.93 (513.23 to 663.34)	-0.60 (-0.64 to -0.56)
Austria	89764.20 (76556.00 to 103578.55)	700.14 (604.44 to 803.39)	143897.79 (122259.29 to 167784.49)	654.27 (558.12 to 755.81)	-0.26 (-0.29 to -0.23)
Azerbaijan	26702.55 (23154.52 to 30487.02)	650.14 (562.27 to 745.41)	47756.55 (41315.02 to 54593.82)	629.51 (541.15 to 721.59)	-0.13 (-0.15 to -0.11)
Bahamas	724.26 (617.76 to 823.27)	557.67 (479.49 to 634.59)	1860.25 (1605.90 to 2119.01)	545.68 (469.68 to 625.79)	-0.08 (-0.09 to -0.07)

Bahrain	745.82 (637.71 to 857.94)	789.09 (678.43 to 906.42)	3851.82 (3298.97 to 4401.02)	765.69 (660.19 to 875.62)	-0.07 (-0.09 to -0.06)
Bangladesh	170705.18 (147048.46 to 194561.78)	461.65 (396.87 to 526.02)	516766.09 (446674.99 to 592095.31)	444.05 (383.22 to 506.23)	-0.13 (-0.14 to -0.12)
Barbados	1842.88 (1575.08 to 2129.28)	565.67 (492.06 to 646.55)	2857.43 (2449.23 to 3266.08)	542.29 (465.00 to 620.45)	-0.14 (-0.16 to -0.12)
Belarus	82518.79 (70627.85 to 95204.11)	670.45 (576.02 to 769.54)	110570.99 (95061.81 to 127555.85)	668.51 (574.81 to 769.20)	0 (-0.01 to 0.02)
Belgium	128420.70 (111012.57 to 147403.71)	787.5 (685.21 to 897.70)	198767.07 (169526.64 to 229900.19)	693.78 (598.36 to 799.83)	-0.46 (-0.48 to -0.43)
Belize	523.73 (452.55 to 597.66)	580.72 (501.76 to 665.24)	1391.70 (1199.27 to 1582.34)	557.96 (479.96 to 636.81)	-0.12 (-0.12 to -0.11)
Benin	7821.43 (6720.48 to 8907.60)	479.13 (412.99 to 546.66)	16564.25 (14499.64 to 18965.21)	428.50 (376.12 to 490.81)	-0.25 (-0.29 to -0.21)
Bermuda	324.70 (276.61 to 371.55)	576.86 (495.36 to 659.37)	870.04 (748.69 to 998.78)	567.27 (489.10 to 648.40)	-0.06 (-0.06 to -0.05)
Bhutan	729.14 (624.20 to 829.48)	472.18 (407.19 to 539.39)	2324.57 (1996.25 to 2666.14)	433.70 (372.38 to 497.86)	-0.27 (-0.29 to -0.24)
Bolivia (Plurinational State of)	11199.99 (9604.20 to 12815.31)	464.08 (398.47 to 530.30)	33654.98 (28943.35 to 38346.97)	456.33 (392.47 to 522.57)	-0.02 (-0.04 to 0)
Bosnia and Herzegovina	20175.14 (17310.77 to 23042.22)	640.72 (550.04 to 732.16)	41105.32 (35021.24 to 47373.74)	641.05 (550.88 to 735.26)	0.02 (-0.01 to 0.05)
Botswana	2235.40 (1899.20 to 2572.34)	622.87 (536.42 to 712.36)	6048.31 (5160.88 to 6915.55)	597.43 (511.15 to 685.77)	-0.10 (-0.13 to -0.08)
Brazil	526396.21 (455692.38 to 602287.43)	759.73 (661.49 to 864.32)	1825794.91 (1586087.93 to 2075169.49)	761.45 (661.47 to 869.62)	-0.05 (-0.09 to -0.01)
Brunei Darussalam	435.49 (370.82 to 503.12)	581.28 (494.56 to 670.00)	1331.01 (1141.24 to 1518.95)	578.96 (496.58 to 663.75)	0.02 (-0.02 to 0.05)
Bulgaria	66300.58 (55633.52 to 77451.11)	657.85 (564.21 to 753.61)	98848.15 (84426.60 to 114513.01)	643.45 (553.32 to 739.68)	-0.08 (-0.11 to -0.06)

Burkina Faso	14687.07 (12606.44 to 16779.86)	480.35 (414.61 to 547.47)	30516.97 (26149.42 to 34754.87)	447.82 (385.98 to 510.39)	-0.25 (-0.25 to -0.24)
Burundi	10635.67 (9124.21 to 12223.64)	632.52 (546.31 to 717.71)	18569.38 (16038.99 to 21061.29)	580.93 (501.14 to 662.01)	-0.25 (-0.27 to -0.23)
Cabo Verde	1120.80 (963.92 to 1280.05)	465.75 (399.93 to 529.12)	1800.19 (1541.44 to 2038.63)	440.96 (378.26 to 500.17)	-0.18 (-0.19 to -0.17)
Cambodia	20918.21 (17800.27 to 23835.90)	683.19 (589.81 to 782.26)	59413.39 (50607.01 to 68051.97)	658.61 (568.01 to 754.43)	-0.17 (-0.19 to -0.15)
Cameroon	13890.03 (11927.14 to 15883.34)	445.65 (383.06 to 507.77)	36246.17 (31043.86 to 41426.57)	421.43 (362.09 to 481.18)	-0.18 (-0.18 to -0.17)
Canada	285209.96 (250854.01 to 320423.60)	885.63 (781.67 to 993.27)	631350.31 (556981.40 to 707708.75)	792.31 (701.61 to 888.19)	-0.55 (-0.64 to -0.46)
Central African Republic	4964.16 (4263.25 to 5663.64)	800.00 (688.59 to 906.05)	9274.37 (7989.90 to 10580.14)	795.18 (681.53 to 900.67)	-0.10 (-0.13 to -0.08)
Chad	10625.75 (9043.54 to 12095.12)	472.92 (405.50 to 537.32)	17240.70 (14830.90 to 19501.84)	428.14 (366.66 to 486.61)	-0.33 (-0.34 to -0.32)
Chile	53092.38 (46343.67 to 60554.53)	611.01 (533.28 to 694.64)	159046.60 (137147.90 to 182056.80)	601.08 (518.53 to 687.09)	-0.02 (-0.04 to 0.01)
China	4024535.83 (3446397.50 to 4623086.06)	703.14 (608.36 to 809.51)	16990827.32 (14488494.04 to 19672741.19)	900.82 (770.92 to 1043.22)	0.44 (0.36 to 0.52)
Colombia	91163.17 (78654.75 to 103309.77)	647.46 (559.46 to 736.84)	362960.55 (313431.55 to 410683.84)	638.88 (549.98 to 725.16)	-0.03 (-0.06 to -0.01)
Comoros	795.40 (679.31 to 913.51)	611.50 (525.54 to 694.46)	2185.94 (1875.35 to 2479.12)	582.10 (503.27 to 661.45)	-0.14 (-0.15 to -0.13)
Congo	4909.97 (4185.35 to 5634.69)	742.92 (641.57 to 845.44)	11812.92 (10542.10 to 13004.67)	706.08 (641.29 to 770.22)	-0.14 (-0.15 to -0.12)
Cook Islands	61.31 (51.83 to 70.87)	644.33 (544.78 to 747.85)	161.55 (136.37 to 186.36)	631.64 (535.44 to 728.65)	-0.08 (-0.09 to -0.07)
Costa Rica	10290.44 (8899.18 to 11763.93)	646.87 (556.77 to 739.05)	35074.12 (30505.90 to 39916.05)	631.10 (547.39 to 722.93)	-0.07 (-0.09 to -0.05)

Côte d'Ivoire	10628.56 (9104.03 to 12130.73)	446.24 (385.24 to 513.22)	31517.83 (27191.66 to 36062.62)	428.76 (367.98 to 489.19)	-0.13 (-0.15 to -0.11)
Croatia	35201.87 (29953.19 to 40575.52)	671.05 (576.40 to 770.36)	65214.81 (55711.60 to 75361.81)	647.44 (556.18 to 745.36)	-0.09 (-0.10 to -0.08)
Cuba	51187.82 (44092.77 to 58484.71)	521.16 (453.79 to 590.27)	111074.56 (96366.19 to 125727.27)	526.06 (456.06 to 596.36)	-0.19 (-0.24 to -0.13)
Cyprus	4485.67 (3753.94 to 5282.59)	690.13 (589.98 to 796.69)	13693.81 (11595.93 to 15886.47)	661.56 (568.54 to 762.23)	-0.09 (-0.11 to -0.07)
Czechia	86215.54 (73394.87 to 99815.67)	643.53 (550.56 to 735.12)	150648.73 (129274.24 to 172467.74)	638.18 (547.88 to 727.68)	-0.06 (-0.07 to -0.05)
Democratic People's Republic of Korea	69717.01 (59103.83 to 80203.94)	631.91 (537.88 to 725.98)	177068.33 (151285.67 to 204070.50)	618.92 (529.05 to 710.41)	-0.08 (-0.11 to -0.06)
Democratic Republic of the Congo	69182.90 (59278.17 to 79143.27)	746.90 (646.06 to 847.11)	172192.18 (149599.45 to 195620.21)	755.89 (656.94 to 858.40)	0.05 (0.02 to 0.09)
Denmark	52763.31 (45924.80 to 60381.66)	586.93 (511.27 to 666.79)	64491.65 (55729.44 to 73639.03)	474.71 (409.31 to 539.52)	-0.78 (-0.82 to -0.73)
Djibouti	486.26 (415.23 to 551.15)	638.22 (547.66 to 724.77)	2298.61 (1984.27 to 2618.51)	603.12 (517.99 to 686.84)	-0.14 (-0.16 to -0.13)
Dominica	331.83 (285.02 to 381.18)	569.19 (493.80 to 648.33)	422.34 (363.59 to 481.13)	552.34 (475.16 to 630.23)	-0.09 (-0.10 to -0.08)
Dominican Republic	16999.88 (14779.55 to 19367.54)	566.19 (491.01 to 645.07)	54453.25 (46945.37 to 61995.55)	572.64 (494.88 to 653.00)	-0.11 (-0.15 to -0.07)
Ecuador	21194.67 (18324.35 to 24226.03)	466.53 (403.61 to 534.38)	70162.80 (59863.26 to 80085.39)	455.05 (388.62 to 521.67)	-0.04 (-0.05 to -0.02)
Egypt	126457.56 (110289.46 to 141555.23)	754.52 (663.10 to 848.65)	283117.84 (244748.78 to 318071.15)	726.90 (630.54 to 823.49)	-0.06 (-0.08 to -0.03)
El Salvador	17374.09 (15116.58 to 19750.81)	630.69 (545.57 to 718.39)	43345.73 (37706.06 to 49583.48)	637.92 (552.58 to 726.95)	0.07 (0.05 to 0.08)
Equatorial Guinea	932.59 (799.40 to 1066.44)	771.03 (667.01 to 877.69)	2470.88 (2107.82 to 2799.92)	736.91 (636.47 to 836.63)	-0.17 (-0.18 to -0.16)

Eritrea	3497.70 (3004.48 to 3994.24)	642.78 (555.48 to 731.56)	9856.43 (8422.75 to 11260.03)	602.42 (518.16 to 687.76)	-0.20 (-0.20 to -0.19)
Estonia	13049.65 (11092.02 to 15064.49)	657.29 (561.79 to 755.68)	21191.90 (18135.65 to 24367.09)	648.82 (559.06 to 741.98)	-0.01 (-0.06 to 0.03)
Eswatini	1151.82 (988.79 to 1305.10)	604.07 (520.51 to 691.04)	2036.24 (1745.10 to 2331.62)	579.24 (499.45 to 661.83)	-0.14 (-0.16 to -0.13)
Ethiopia	74977.91 (64186.17 to 86065.52)	638.14 (554.00 to 727.32)	194300.52 (168319.34 to 220688.34)	586.55 (509.54 to 668.44)	-0.24 (-0.28 to -0.21)
Fiji	1436.64 (1214.58 to 1661.99)	650.89 (555.43 to 752.89)	3311.00 (2801.47 to 3815.98)	637.89 (544.12 to 735.60)	-0.09 (-0.10 to -0.07)
Finland	50585.55 (43268.09 to 57562.73)	690.51 (593.57 to 781.35)	95435.82 (80330.82 to 109896.41)	616.90 (523.13 to 709.76)	-0.40 (-0.41 to -0.39)
France	511499.72 (451626.27 to 568212.99)	553.50 (491.88 to 615.65)	924607.01 (807081.33 to 1045108.17)	525.22 (458.80 to 593.27)	-0.20 (-0.23 to -0.16)
Gabon	3337.60 (2848.73 to 3801.96)	753.38 (649.45 to 860.80)	5306.20 (4563.16 to 6046.00)	734.43 (633.02 to 837.16)	-0.05 (-0.06 to -0.04)
Gambia	1122.25 (962.96 to 1275.44)	473.34 (405.47 to 538.30)	3221.86 (2769.92 to 3681.37)	436.83 (374.25 to 499.13)	-0.27 (-0.28 to -0.26)
Georgia	36652.10 (31598.20 to 41675.70)	651.05 (562.33 to 741.66)	43614.77 (37828.24 to 49552.96)	651.46 (562.89 to 743.97)	0.01 (0 to 0.03)
Germany	1093576.91 (962011.55 to 1237639.76)	809.57 (715.41 to 909.95)	1995249.41 (1724732.07 to 2268185.84)	820.50 (713.82 to 930.77)	0.06 (0.03 to 0.08)
Ghana	18002.52 (15481.97 to 20680.62)	429.93 (369.00 to 491.63)	48622.61 (41396.42 to 55386.13)	419.76 (360.59 to 476.55)	-0.06 (-0.07 to -0.05)
Greece	105423.58 (89913.17 to 122074.00)	703.66 (602.22 to 809.60)	212406.78 (181047.78 to 246247.64)	671.46 (575.61 to 767.68)	-0.13 (-0.15 to -0.11)
Greenland	168.75 (143.40 to 194.21)	805.34 (683.87 to 935.07)	400.43 (340.03 to 458.77)	786.97 (673.97 to 906.26)	-0.09 (-0.11 to -0.06)
Grenada	479.92 (411.77 to 552.46)	570.58 (491.20 to 651.70)	520.88 (448.55 to 595.81)	562.63 (487.52 to 643.75)	-0.02 (-0.05 to 0.01)

Guam	305.58 (257.52 to 353.87)	632.58 (536.40 to 731.64)	1411.35 (1213.51 to 1616.17)	629.81 (535.65 to 725.95)	-0.03 (-0.04 to -0.02)
Guatemala	15481.09 (13374.30 to 17564.57)	646.74 (561.57 to 736.53)	61937.49 (53270.19 to 70939.13)	639.86 (553.28 to 730.62)	-0.02 (-0.03 to 0)
Guinea	12338.83 (10741.49 to 14027.69)	466.54 (403.27 to 530.43)	18992.78 (16325.12 to 21583.07)	438.63 (379.03 to 498.93)	-0.20 (-0.22 to -0.18)
Guinea-Bissau	1123.79 (963.32 to 1289.81)	443.86 (380.49 to 503.71)	1865.98 (1596.08 to 2141.92)	431.13 (370.44 to 493.27)	-0.08 (-0.09 to -0.07)
Guyana	1638.53 (1403.38 to 1872.02)	554.65 (477.24 to 635.00)	2730.83 (2327.30 to 3102.13)	549.03 (471.54 to 629.36)	-0.04 (-0.05 to -0.03)
Haiti	12454.54 (10639.90 to 14137.22)	586.32 (506.12 to 662.48)	26287.68 (22588.34 to 30024.23)	541.86 (468.24 to 619.70)	-0.28 (-0.29 to -0.26)
Honduras	10395.29 (8959.94 to 11815.01)	653.72 (564.16 to 740.88)	31858.80 (27158.97 to 36513.41)	641.67 (553.16 to 730.68)	-0.06 (-0.07 to -0.06)
Hungary	89412.53 (76159.55 to 102775.44)	645.34 (551.33 to 739.87)	139417.25 (119696.94 to 159963.22)	638.10 (548.27 to 732.18)	-0.02 (-0.06 to 0.02)
Iceland	2349.98 (2016.50 to 2659.62)	761.00 (654.06 to 859.57)	4529.84 (3891.07 to 5104.32)	683.68 (586.64 to 767.04)	-0.40 (-0.42 to -0.38)
India	1350127.81 (1162808.62 to 1543952.77)	440.05 (382.11 to 503.90)	4169684.39 (3591611.95 to 4772663.15)	436.13 (376.02 to 501.15)	-0.16 (-0.21 to -0.12)
Indonesia	460739.94 (396354.20 to 528840.22)	678.72 (587.97 to 777.61)	1109363.84 (953356.39 to 1273165.62)	662.13 (571.11 to 761.15)	-0.08 (-0.10 to -0.05)
Iran (Islamic Republic of)	133808.96 (115409.55 to 152668.86)	804.38 (692.92 to 921.70)	506627.06 (438927.28 to 578904.69)	775.51 (671.84 to 887.85)	-0.11 (-0.12 to -0.10)
Iraq	55207.53 (47175.86 to 63196.06)	796.72 (678.19 to 914.39)	126348.59 (108197.50 to 144603.83)	759.67 (652.95 to 868.12)	-0.19 (-0.20 to -0.18)
Ireland	27678.16 (23495.48 to 32024.00)	691.14 (590.07 to 791.51)	53858.62 (45780.62 to 62139.75)	629.49 (535.55 to 725.24)	-0.31 (-0.34 to -0.29)
Israel	31746.20 (26998.15 to 36958.70)	678.13 (581.61 to 781.72)	87011.55 (74414.95 to 100596.09)	636.97 (546.32 to 734.42)	-0.21 (-0.22 to -0.21)

Italy	633482.87 (535315.44 to 736346.06)	692.96 (589.47 to 798.14)	1427945.83 (1213976.05 to 1647057.05)	759.15 (652.54 to 869.83)	0.13 (-0.01 to 0.27)
Jamaica	12081.52 (10372.91 to 13748.68)	643.37 (553.27 to 732.56)	20331.57 (17532.62 to 23073.05)	609.75 (523.06 to 695.65)	-0.20 (-0.21 to -0.18)
Japan	1023227.48 (885709.97 to 1169175.78)	649.68 (564.43 to 739.33)	3367357.70 (2893950.68 to 3872083.71)	674.10 (584.78 to 770.24)	0.30 (0.25 to 0.36)
Jordan	6988.08 (6000.69 to 7974.96)	784.45 (675.13 to 901.07)	41147.49 (35428.52 to 46861.53)	786.72 (675.70 to 906.66)	0.05 (0.01 to 0.09)
Kazakhstan	67948.82 (58568.00 to 77795.21)	649.97 (561.89 to 746.48)	87907.50 (75725.79 to 100517.40)	634.04 (542.82 to 724.42)	-0.08 (-0.11 to -0.06)
Kenya	37536.34 (32426.03 to 42749.34)	613.02 (529.32 to 697.76)	94643.20 (81567.46 to 107743.54)	605.07 (525.16 to 689.45)	-0.04 (-0.07 to -0.02)
Kiribati	158.72 (134.65 to 182.12)	699.11 (598.21 to 802.88)	305.17 (259.91 to 349.60)	701.89 (602.78 to 803.92)	0 (-0.03 to 0.04)
Kuwait	3123.19 (2698.89 to 3513.05)	820.13 (709.23 to 935.64)	16140.61 (14064.72 to 18138.01)	771.61 (668.04 to 878.03)	-0.20 (-0.22 to -0.17)
Kyrgyzstan	16675.14 (14396.88 to 18919.11)	645.42 (559.15 to 733.86)	23636.62 (20391.15 to 26813.27)	649.99 (562.04 to 741.22)	0.05 (0.04 to 0.06)
Lao People's Democratic Republic	9180.39 (7784.10 to 10577.02)	674.31 (585.55 to 768.35)	21887.64 (18988.04 to 24980.79)	655.85 (567.01 to 749.46)	-0.07 (-0.09 to -0.06)
Latvia	23308.60 (19907.79 to 26939.69)	659.29 (565.04 to 757.79)	31568.55 (27024.27 to 36438.60)	660.59 (570.40 to 758.14)	0.04 (0.02 to 0.06)
Lebanon	13979.20 (12017.37 to 15949.74)	826.34 (713.64 to 946.49)	54345.82 (46449.56 to 62272.48)	828.25 (710.40 to 948.14)	-0.02 (-0.03 to -0.01)
Lesotho	4223.35 (3621.05 to 4790.56)	636.50 (551.08 to 723.89)	4510.15 (3864.02 to 5113.19)	625.49 (537.97 to 713.46)	-0.03 (-0.04 to -0.02)
Liberia	3785.96 (3229.29 to 4343.14)	435.63 (377.36 to 494.91)	6138.30 (5305.31 to 6972.30)	419.94 (360.58 to 478.03)	-0.12 (-0.13 to -0.11)
Libya	12543.59 (10903.53 to 14159.60)	805.14 (695.68 to 912.97)	30320.88 (26220.59 to 34401.49)	762.64 (660.37 to 872.63)	-0.18 (-0.19 to -0.16)

Lithuania	29311.76 (25041.42 to 33960.53)	650.56 (561.65 to 749.04)	44997.94 (38723.86 to 51798.80)	648.52 (560.43 to 740.20)	0.02 (0 to 0.05)
Luxembourg	3037.01 (2565.49 to 3532.36)	551.09 (468.86 to 636.23)	5610.09 (4761.18 to 6520.46)	473.86 (402.43 to 551.80)	-0.53 (-0.60 to -0.47)
Madagascar	21748.60 (18697.80 to 24759.48)	606.36 (524.14 to 687.06)	38470.68 (33085.35 to 44112.21)	574.95 (493.29 to 652.02)	-0.16 (-0.17 to -0.14)
Malawi	15373.51 (13129.61 to 17515.64)	607.88 (526.91 to 694.55)	30185.46 (25791.40 to 34281.05)	605.24 (517.75 to 689.89)	0 (-0.01 to 0.02)
Malaysia	53815.99 (46760.51 to 60828.55)	695.54 (601.08 to 791.73)	153806.87 (130888.91 to 175274.95)	657.55 (561.66 to 750.29)	-0.13 (-0.16 to -0.11)
Maldives	367.01 (312.47 to 422.27)	647.37 (556.97 to 738.29)	1794.45 (1544.62 to 2056.18)	667.30 (572.03 to 764.23)	0.10 (0.07 to 0.13)
Mali	12164.95 (10397.83 to 13832.63)	460.80 (396.23 to 525.50)	26749.24 (23197.13 to 30488.83)	439.59 (379.27 to 499.83)	-0.15 (-0.15 to -0.14)
Malta	2725.95 (2325.45 to 3161.99)	695.45 (597.76 to 804.83)	7301.93 (6248.26 to 8443.39)	642.06 (551.42 to 738.48)	-0.24 (-0.27 to -0.21)
Marshall Islands	65.74 (55.55 to 76.88)	617.40 (523.92 to 711.85)	115.54 (96.46 to 134.44)	594.07 (502.31 to 685.62)	-0.13 (-0.13 to -0.12)
Mauritania	3556.26 (3025.56 to 4079.22)	467.98 (400.78 to 533.61)	7418.17 (6367.48 to 8435.70)	433.09 (374.33 to 493.21)	-0.25 (-0.26 to -0.24)
Mauritius	3623.96 (3096.40 to 4188.88)	663.44 (568.33 to 762.47)	11135.55 (9549.14 to 12616.13)	657.17 (567.03 to 748.30)	0 (-0.02 to 0.03)
Mexico	200517.25 (172126.52 to 230327.11)	585.32 (506.17 to 669.22)	608490.05 (526098.39 to 699599.88)	534.20 (460.41 to 612.87)	-0.20 (-0.23 to -0.16)
Micronesia (Federated States of)	244.56 (207.20 to 283.16)	691.53 (590.09 to 798.37)	321.40 (274.46 to 367.30)	695.38 (594.38 to 799.43)	0.05 (0.04 to 0.06)
Monaco	590.21 (500.26 to 685.12)	696.22 (595.18 to 799.43)	769.03 (656.81 to 893.59)	639.25 (542.47 to 742.18)	-0.30 (-0.30 to -0.29)
Mongolia	5381.47 (4648.46 to 6150.57)	653.39 (565.27 to 748.42)	10277.34 (8905.15 to 11612.55)	660.02 (573.53 to 749.23)	0.05 (0.04 to 0.06)

Montenegro	3747.05 (3247.08 to 4290.37)	656.91 (570.25 to 753.22)	5755.24 (4891.28 to 6610.14)	639.32 (547.61 to 729.15)	-0.13 (-0.17 to -0.09)
Morocco	93819.02 (81208.58 to 106439.72)	804.49 (696.28 to 914.48)	210666.53 (180863.14 to 239496.04)	748.52 (644.54 to 856.83)	-0.24 (-0.25 to -0.23)
Mozambique	24877.24 (21218.39 to 28317.93)	624.73 (540.32 to 711.49)	43031.88 (36957.26 to 48763.60)	605.09 (520.43 to 691.27)	-0.08 (-0.10 to -0.06)
Myanmar	115857.51 (99596.63 to 131749.35)	720.54 (625.38 to 824.31)	257641.18 (222039.26 to 292332.33)	663.53 (571.48 to 757.76)	-0.28 (-0.29 to -0.26)
Namibia	2596.47 (2194.28 to 2954.36)	616.32 (530.85 to 701.68)	5765.29 (4997.84 to 6520.55)	593.68 (514.23 to 676.82)	-0.11 (-0.12 to -0.10)
Nauru	16.35 (13.70 to 18.98)	632.73 (535.53 to 733.18)	23.24 (19.60 to 26.87)	652.63 (555.94 to 749.51)	0.07 (0.03 to 0.12)
Nepal	31930.45 (27612.27 to 36147.61)	510.81 (441.59 to 585.55)	83342.33 (71555.44 to 95053)	454.19 (392.41 to 519.26)	-0.46 (-0.49 to -0.43)
Netherlands	148609.51 (130053.95 to 165202.04)	711.18 (625.56 to 787.39)	278818.70 (242063.80 to 316184.86)	700.28 (610.56 to 794.56)	0.01 (-0.03 to 0.04)
New Zealand	27937.52 (23979.86 to 32137.72)	728.11 (627.47 to 840.73)	62912.81 (54136.66 to 72376.19)	684.59 (589.02 to 787.91)	-0.24 (-0.29 to -0.20)
Nicaragua	8193.09 (7097.93 to 9231.75)	660.24 (569.18 to 749.74)	27802.05 (24196.83 to 31745.19)	654.85 (569.17 to 748.60)	0 (-0.01 to 0.01)
Niger	8163.60 (7002.02 to 9330.73)	470.52 (404.38 to 536.04)	24494.63 (20964.14 to 27909.69)	439.52 (380.44 to 501.25)	-0.22 (-0.23 to -0.21)
Nigeria	139803.88 (119306.67 to 159124.32)	417.35 (360.95 to 476.61)	253561.46 (218392.19 to 289157.75)	377.62 (326.26 to 432.75)	-0.35 (-0.38 to -0.31)
Niue	15.78 (13.32 to 18.36)	635.45 (538.72 to 734.68)	12.48 (10.50 to 14.41)	616.47 (519.99 to 710.42)	-0.13 (-0.14 to -0.11)
North Macedonia	10033.76 (8597.67 to 11401.84)	641.10 (548.24 to 734.12)	17226.55 (14557.45 to 19883.69)	636.56 (546.06 to 726.34)	-0.01 (-0.02 to 0.01)
Northern Mariana Islands	55.40 (46.59 to 64.36)	630.79 (530.47 to 734.74)	217.41 (184.17 to 251.62)	621.13 (528.08 to 721.28)	-0.04 (-0.06 to -0.03)

Norway	59569.57 (51414.01 to 68434.23)	769.17 (664.98 to 878.38)	73853.45 (63746.20 to 85242.96)	639.18 (549.63 to 735.45)	-0.67 (-0.72 to -0.63)
Oman	3633.49 (3105.85 to 4168.25)	787.34 (678.30 to 903.05)	9013.80 (7681.12 to 10321.48)	728.25 (624.77 to 840.49)	-0.24 (-0.28 to -0.19)
Pakistan	205549.28 (175762.76 to 235971.97)	464.81 (400.97 to 530.52)	375360.28 (321683.67 to 430003.15)	433.58 (374.32 to 499.28)	-0.25 (-0.26 to -0.24)
Palau	43.40 (36.07 to 50.66)	616.08 (520.12 to 716.46)	90.74 (75.66 to 104.74)	594.28 (501.85 to 687.51)	-0.11 (-0.12 to -0.10)
Palestine	5556.88 (4774.66 to 6305.38)	803.58 (690.88 to 915.33)	13745.51 (11877.37 to 15659.28)	773.83 (669.58 to 881.66)	-0.14 (-0.16 to -0.11)
Panama	8350.82 (7260.37 to 9492.94)	628.65 (543.24 to 715.98)	28209.16 (24265.17 to 32083.45)	620.46 (530.21 to 708.40)	-0.05 (-0.05 to -0.04)
Papua New Guinea	6961.89 (5926.73 to 8033.42)	693.65 (602.01 to 797.17)	19750.31 (16865.06 to 22461.78)	649.65 (557.31 to 742.38)	-0.26 (-0.29 to -0.24)
Paraguay	14311.31 (12368.92 to 16177.98)	729.89 (629.40 to 832.72)	36298.69 (31299.07 to 41134.53)	687.12 (593.84 to 779.77)	-0.22 (-0.23 to -0.21)
Peru	46444.76 (40347.71 to 53068.10)	441.69 (382.66 to 505.23)	144346.95 (125304.08 to 165281.48)	436.46 (377.50 to 501.78)	-0.09 (-0.11 to -0.07)
Philippines	148616.46 (127906.92 to 170249.47)	691.99 (601.34 to 792.19)	419362.68 (364503.46 to 477877.45)	662.94 (575.83 to 762.08)	-0.17 (-0.20 to -0.15)
Poland	274981.90 (236319.10 to 317722.23)	683.36 (589.12 to 787.44)	501491.62 (432862.64 to 576739.81)	645.55 (558.48 to 741.84)	-0.19 (-0.20 to -0.18)
Portugal	87614.66 (74596.87 to 101088.49)	672.60 (577.21 to 772.67)	203138.15 (171368.87 to 235887.26)	659.36 (561.71 to 757.50)	-0.04 (-0.06 to -0.02)
Puerto Rico	20227.35 (17331.28 to 23199.54)	576.17 (496.29 to 659.73)	50546.79 (43476.95 to 57995.07)	563.62 (484.51 to 646.62)	-0.08 (-0.09 to -0.07)
Qatar	407.76 (353.70 to 464.18)	761.25 (655.07 to 876.05)	3426.40 (2935.31 to 3892.26)	740.91 (636.99 to 852.34)	-0.02 (-0.06 to 0.02)
Republic of Korea	149621.54 (129867.43 to 168607.89)	751.01 (651.71 to 856.59)	697045.33 (609565.70 to 789738.53)	739.81 (647.70 to 836.31)	0.01 (-0.04 to 0.06)

Republic of Moldova	22000.70 (18812.10 to 25078.55)	633.94 (547.62 to 724.01)	39085.71 (33367.96 to 44619.80)	640.52 (549.24 to 730.71)	0.03 (0.01 to 0.05)
Romania	150690.36 (127970.47 to 173361.94)	638.60 (547.75 to 734.41)	265106.70 (226934.12 to 304833.12)	637.20 (547.10 to 729.32)	-0.04 (-0.05 to -0.02)
Russian Federation	1044397.55 (900321.07 to 1202420.98)	669.98 (580.01 to 769.14)	1605863.01 (1392754.76 to 1846535.80)	661.42 (573.18 to 758.61)	-0.08 (-0.13 to -0.04)
Rwanda	11086.15 (9508.51 to 12649.24)	619.83 (537.09 to 704.91)	26431.80 (22775.52 to 29897.62)	616.11 (532.05 to 699.77)	0.04 (0.02 to 0.06)
Saint Kitts and Nevis	198.22 (167.16 to 230.31)	540.25 (465.78 to 620.82)	276.67 (236.86 to 315.07)	534.03 (461.67 to 613.08)	-0.05 (-0.06 to -0.04)
Saint Lucia	443.08 (376.65 to 511.44)	568.49 (488.10 to 652.02)	1281.16 (1097.52 to 1469.97)	551.55 (473.03 to 632.04)	-0.13 (-0.15 to -0.10)
Saint Vincent and the Grenadines	384.83 (328.67 to 442.65)	583.48 (499.61 to 667.35)	734.54 (630.21 to 840.15)	553.95 (476.99 to 632.63)	-0.16 (-0.17 to -0.16)
Samoa	404.38 (341.24 to 461.67)	643.90 (547.03 to 740.91)	712.62 (599.61 to 819.50)	622.74 (531.09 to 716.31)	-0.13 (-0.14 to -0.12)
San Marino	267.01 (229.61 to 306.85)	704.99 (610.50 to 806.61)	604.55 (518.40 to 698.57)	623.02 (535.54 to 718.97)	-0.41 (-0.43 to -0.39)
Sao Tome and Principe	240.08 (207.25 to 274.64)	442.32 (381.71 to 502.56)	338.95 (289.13 to 389.59)	410.94 (351.44 to 470.85)	-0.23 (-0.25 to -0.21)
Saudi Arabia	30755.16 (26361.60 to 35091.41)	747.42 (639.76 to 857.11)	71831.51 (61575.88 to 82117.55)	701.74 (600.97 to 807.91)	-0.20 (-0.21 to -0.19)
Senegal	11108.03 (9550.39 to 12690.25)	462.03 (395.41 to 527.14)	25540.85 (21898.42 to 29102.35)	429.79 (370.45 to 490.06)	-0.26 (-0.27 to -0.25)
Serbia	55542.90 (47218.20 to 63834.50)	636.43 (544.83 to 728.62)	111693.90 (95436.24 to 128375.35)	638.51 (545.56 to 731.10)	-0.01 (-0.02 to 0.01)
Seychelles	371.66 (318.48 to 428.52)	667.93 (571.70 to 769.28)	635.89 (543.45 to 732.34)	643.49 (544.72 to 741.31)	-0.14 (-0.14 to -0.13)
Sierra Leone	7680.94 (6576.37 to 8772.24)	469.47 (403.35 to 535.67)	12378.41 (10651.21 to 14089.75)	442.53 (380.65 to 506.69)	-0.19 (-0.20 to -0.18)

Singapore	8786.26 (7521.86 to 9954.59)	516.08 (443.63 to 583.07)	43790.86 (39004.24 to 48432.46)	534.49 (474.45 to 589.82)	0.11 (0.07 to 0.15)
Slovakia	36501.58 (31158.19 to 41737.36)	646.50 (555.59 to 735.34)	60989.61 (52451.93 to 70396.63)	635.02 (547.19 to 728.34)	-0.06 (-0.07 to -0.05)
Slovenia	15350.08 (13134.75 to 17635.25)	634.22 (546.70 to 725.16)	33191.07 (28403.09 to 38235.22)	635.78 (543.67 to 726.69)	0.05 (0.02 to 0.08)
Solomon Islands	511.37 (431.46 to 589.47)	654.61 (557.57 to 751.56)	1440.01 (1222.59 to 1652.24)	652.57 (555.17 to 753.61)	0.03 (0.01 to 0.06)
Somalia	8326.11 (7180.72 to 9440.59)	623.18 (537.91 to 706.76)	20264.15 (17342.12 to 23142.50)	617.03 (535.75 to 699.67)	-0.01 (-0.02 to 0)
South Africa	109918.04 (94754.61 to 125478.19)	646.32 (559.39 to 738.74)	224952.94 (193264.37 to 257574.63)	609.51 (526.77 to 695.77)	-0.16 (-0.17 to -0.15)
South Sudan	11488.56 (9846.15 to 13148.80)	616.16 (531.63 to 702.53)	14635.90 (12576.52 to 16624.69)	572.38 (489.94 to 650.54)	-0.23 (-0.26 to -0.20)
Spain	373385.86 (324694.34 to 413757.25)	676.37 (589.33 to 747.58)	713870.30 (618875.65 to 810219.95)	582.15 (504.96 to 664.35)	-0.37 (-0.44 to -0.30)
Sri Lanka	53753.07 (45883.38 to 61238.26)	658.88 (567.42 to 750.44)	152888.79 (129858.71 to 175783.57)	634.13 (545.74 to 727.67)	-0.13 (-0.15 to -0.12)
Sudan	53974.22 (46233.61 to 61818.79)	790.96 (686.08 to 900.75)	105439.70 (91145.89 to 119876.83)	732.33 (633.47 to 834.54)	-0.26 (-0.27 to -0.25)
Suriname	1330.36 (1142.87 to 1511.18)	602.96 (519.13 to 689.29)	3317.27 (2872.38 to 3779.51)	574.18 (495.68 to 655.29)	-0.17 (-0.19 to -0.16)
Sweden	130519.30 (112967.38 to 149464.71)	755.36 (656.33 to 856.34)	185342.61 (159942.23 to 212192.54)	697.20 (600.37 to 799.05)	-0.18 (-0.22 to -0.13)
Switzerland	83489.62 (71519.23 to 96124.98)	715.63 (614.44 to 820.18)	141610.16 (121473.76 to 164116.96)	639.88 (549.35 to 735.13)	-0.39 (-0.42 to -0.37)
Syrian Arab Republic	32568.79 (28239.94 to 36895.26)	819.88 (707.35 to 932.52)	74180.56 (63562.86 to 84734.42)	753.82 (648.01 to 860.72)	-0.28 (-0.29 to -0.27)
Taiwan (Province of China)	57300.01 (49474.73 to 65767.12)	507.64 (438.25 to 581.48)	246277.50 (209400.70 to 276216.28)	555.31 (472.14 to 624.76)	0.46 (0.35 to 0.57)

Tajikistan	14980.18 (12937.86 to 16991.90)	638.14 (552.15 to 725.33)	23728.99 (20337.59 to 27181.95)	597.35 (515.42 to 684.84)	-0.23 (-0.24 to -0.22)
Thailand	162939.97 (140913.50 to 183450.03)	601.34 (522.75 to 679.65)	659436.75 (571370.82 to 751935.39)	603.22 (522.58 to 689.60)	0.15 (0.08 to 0.21)
Timor-Leste	1234.94 (1074.11 to 1405.83)	711.62 (616.21 to 810.55)	4508.32 (3823.91 to 5176.88)	664.45 (572.75 to 759.71)	-0.21 (-0.23 to -0.18)
Togo	3796.85 (3275.27 to 4327.94)	454.23 (390.67 to 518.47)	10754.40 (9193.23 to 12323.92)	438.21 (378.97 to 499.37)	-0.10 (-0.11 to -0.09)
Tokelau	7.55 (6.38 to 8.74)	640.34 (542.80 to 734.01)	9.34 (7.92 to 10.83)	626.80 (531.25 to 725.34)	-0.07 (-0.08 to -0.06)
Tonga	281.25 (240.36 to 323.37)	665.84 (572.95 to 764.80)	481.57 (412.55 to 551.83)	644.39 (551.18 to 740.15)	-0.12 (-0.13 to -0.10)
Trinidad and Tobago	4189.76 (3580.25 to 4818.78)	578.04 (497.45 to 659.10)	10398.55 (8926.38 to 11847.16)	564.63 (486.16 to 644.68)	-0.06 (-0.07 to -0.06)
Tunisia	31476.78 (27093.39 to 35957.16)	846.86 (730.77 to 961.13)	92441.29 (80299.06 to 104677.64)	791.09 (685.56 to 901.07)	-0.21 (-0.22 to -0.20)
Turkey	235492.60 (203402.00 to 268352.11)	873.29 (753.94 to 992.75)	688425.25 (595237.19 to 787215.85)	819.36 (706.20 to 936.59)	-0.25 (-0.27 to -0.23)
Turkmenistan	9340.66 (8034.90 to 10593.65)	641.51 (553.07 to 728.88)	18834.14 (16188.27 to 21359.69)	609.86 (523.20 to 698.24)	-0.18 (-0.21 to -0.15)
Tuvalu	28.42 (23.99 to 33.08)	668.63 (572.05 to 767.56)	52.18 (44.39 to 60.26)	650.70 (560.53 to 748.55)	-0.09 (-0.10 to -0.07)
Uganda	27591.80 (23675.66 to 31405.61)	601.84 (519.22 to 682.95)	61427.57 (52963.18 to 69591.65)	594.04 (508.15 to 676.31)	-0.05 (-0.07 to -0.02)
Ukraine	438830.56 (373964.54 to 512457.42)	672.20 (576.91 to 781.63)	527238.11 (453770.08 to 609727.95)	651.18 (564.01 to 749.50)	-0.12 (-0.16 to -0.08)
United Arab Emirates	1695.59 (1446.09 to 1936.32)	723.88 (612.89 to 834.43)	11960.24 (9939.79 to 14033.13)	652.43 (552.16 to 753.80)	-0.33 (-0.37 to -0.29)
United Kingdom	607852.04 (521255.06 to 696575.54)	625.60 (539.95 to 712.30)	906466.76 (778218.16 to 1036141.22)	591.08 (508.13 to 674.77)	-0.13 (-0.17 to -0.09)

United Republic of Tanzania	46620.51 (40194.54 to 53140.87)	620.11 (533.93 to 703.93)	108488.83 (95564.44 to 120854.15)	569.90 (503.41 to 636.97)	-0.25 (-0.27 to -0.24)
United States of America	2736354.45 (2365020.18 to 3137757.14)	809.27 (700.87 to 926.57)	4876579.43 (4231619.97 to 5601213.22)	773.07 (670.26 to 887.66)	-0.17 (-0.19 to -0.16)
United States Virgin Islands	360.91 (306.98 to 416.53)	560.83 (481.51 to 642.06)	1043.74 (892.09 to 1222.19)	543.82 (470.45 to 627.55)	-0.11 (-0.12 to -0.10)
Uruguay	24539.05 (20969.90 to 28137.29)	628.76 (541.01 to 717.19)	39145.56 (34066.75 to 44857.16)	595.24 (515.90 to 680.56)	-0.23 (-0.25 to -0.21)
Uzbekistan	63642.73 (54544.27 to 72699.73)	608.52 (524.64 to 693.37)	114617.14 (98143.44 to 130046.71)	605.59 (519.15 to 691.73)	-0.02 (-0.04 to 0)
Vanuatu	228.63 (192.60 to 265.45)	617.37 (527.17 to 714.38)	672.38 (566.81 to 778.77)	604.27 (513.73 to 697.46)	-0.09 (-0.11 to -0.07)
Venezuela (Bolivarian Republic of)	58360.44 (50641.13 to 65929.62)	732.83 (636.65 to 830.94)	197422.16 (170951.71 to 222398.30)	717.86 (620.45 to 816.18)	-0.08 (-0.12 to -0.04)
Viet Nam	236104.74 (202444.40 to 268299.58)	689.39 (596.14 to 787.87)	531198.12 (453585.90 to 601711.47)	649.42 (556.89 to 744.39)	-0.23 (-0.24 to -0.22)
Yemen	26830.81 (23001.33 to 30750.16)	856.69 (745.98 to 974.32)	75922.15 (66029.52 to 86697.17)	777.94 (673.66 to 883.49)	-0.32 (-0.35 to -0.30)
Zambia	11349.99 (9744.01 to 12938.43)	589.24 (508.96 to 670.23)	26840.75 (23113.93 to 30576.62)	591.53 (514.14 to 674.45)	0.06 (0.04 to 0.08)
Zimbabwe	17117.35 (14488.53 to 19463.76)	611.51 (525.80 to 699.36)	25485.88 (21694.58 to 29014.51)	584.43 (506.45 to 665.47)	-0.14 (-0.15 to -0.13)

Abbreviations: ASR, age-standardized rate; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index; GBD, Global Burden of Diseases, Injuries, and Risk Factors Study; EAPC, estimated annual percentage change; UI, uncertainty interval; CI, confidence interval.

Table S6 The case number and ASR of DALYs of ADODs in 1990 and 2021 for both sexes by countries and territories, with EAPC from 1990 to 2021

Location	1990		2021		1990-2021
	Number (95% UI)	ASR (95% UI)	Number (95% UI)	ASR (95% UI)	EAPC (95% CI)
Afghanistan	27512.96 (12139.80 to 63092.10)	604.48 (259.91 to 1383.43)	33853.96 (15203.78 to 74090.50)	577.72 (251.23 to 1271.17)	-0.16 (-0.18 to -0.14)
Albania	6397.61 (3063.36 to 14135.45)	402.99 (189.66 to 887.25)	16190.52 (7724.91 to 34857.75)	391.82 (185.72 to 836.06)	-0.08 (-0.10 to -0.06)
Algeria	38627.72 (18626.21 to 88166.42)	510.58 (240.11 to 1138.87)	124678.08 (59328.30 to 268166.24)	479.05 (224.05 to 1029.30)	-0.19 (-0.21 to -0.17)
American Samoa	56.97 (26.53 to 127.90)	434.66 (193.98 to 981.06)	140.18 (66.15 to 305.30)	405.32 (188.48 to 890.49)	-0.19 (-0.22 to -0.15)
Andorra	202.97 (98.75 to 419.84)	449.15 (213.89 to 925.89)	740.45 (348.81 to 1570.53)	418.30 (197.77 to 896.84)	-0.19 (-0.22 to -0.16)
Angola	10101.82 (4724.76 to 22384.28)	511.90 (235.74 to 1119.38)	35827.12 (15820.48 to 84580.09)	570.59 (247.01 to 1310.57)	0.34 (0.30 to 0.38)
Antigua and Barbuda	191.56 (92.53 to 415.39)	326.38 (156.48 to 706.05)	275.32 (133.91 to 591.57)	311.86 (148.11 to 672.36)	-0.09 (-0.11 to -0.06)
Argentina	105932.12 (52093.54 to 225364.86)	382.45 (185.41 to 805.40)	217920.04 (103874.84 to 455815.92)	369.59 (176.33 to 772.22)	-0.09 (-0.10 to -0.08)
Armenia	8226.70 (4038.25 to 17616)	383.46 (186.79 to 820.65)	17294.66 (8319.29 to 36586.68)	398.52 (189.72 to 838.85)	0.18 (0.14 to 0.22)
Australia	79881.33 (38808.97 to 167478.07)	439.01 (211.17 to 915.75)	210791.41 (97741.66 to 437601.63)	398.66 (187.36 to 824.12)	-0.32 (-0.33 to -0.31)
Austria	55672.88 (26449.24 to 120344.59)	448.76 (212.67 to 960.88)	98132.29 (46906.01 to 203128.55)	425.92 (206.34 to 877.24)	-0.16 (-0.17 to -0.15)
Azerbaijan	15307.14 (7500.06 to 32052.85)	397.18 (188.19 to 849.04)	27684.89 (13237.21 to 59577.35)	384.43 (179.15 to 829.85)	-0.09 (-0.10 to -0.08)
Bahamas	402.33 (195.08 to 868.75)	322.24 (154.69 to 691.36)	1035.14 (516.50 to 2201.55)	312.32 (158.22 to 666.95)	-0.09 (-0.11 to -0.07)

Bahrain	409.52 (198.23 to 920.06)	520.17 (240.47 to 1181.12)	1951.37 (961.80 to 4132.14)	464.81 (218.72 to 1032.86)	-0.40 (-0.44 to -0.35)
Bangladesh	103088.77 (47740.09 to 230184.28)	291.82 (135.94 to 647.43)	342319.33 (154927.19 to 804239.03)	310.82 (138.97 to 735.74)	0.15 (0.09 to 0.22)
Barbados	996.20 (489.38 to 2118.48)	319.07 (153.82 to 684.03)	1641.39 (794.62 to 3488.52)	313.79 (151.07 to 667.52)	-0.02 (-0.07 to 0.04)
Belarus	47349.44 (22970.43 to 100408.97)	398.18 (190.13 to 842.13)	65528.19 (31231.14 to 139736.83)	393.88 (187.68 to 837.83)	-0.04 (-0.06 to -0.03)
Belgium	80549.07 (38515.64 to 171384.47)	507.61 (240.88 to 1079.06)	138880.73 (66448.38 to 285464.72)	457.28 (222.55 to 938.37)	-0.34 (-0.38 to -0.29)
Belize	299.67 (145.35 to 621.61)	330.60 (160.46 to 686.06)	792.87 (381.41 to 1657.54)	321.18 (153.32 to 672.41)	-0.04 (-0.08 to 0)
Benin	4986.69 (2294.24 to 10658.52)	323.19 (146.11 to 695.32)	11158.44 (5062.94 to 24817.25)	316.03 (141.36 to 711.21)	-0.05 (-0.07 to -0.02)
Bermuda	179.19 (87.88 to 379.19)	333.74 (159.71 to 708.87)	508.21 (250.78 to 1045.79)	322.90 (159.72 to 664.50)	-0.12 (-0.14 to -0.09)
Bhutan	432.54 (202.52 to 936.59)	297.89 (137.34 to 638.66)	1747.34 (765.62 to 4007.12)	337.02 (145.62 to 777.24)	0.47 (0.43 to 0.50)
Bolivia (Plurinational State of)	6638.74 (3153.83 to 14276.61)	293.85 (136.32 to 635.66)	20516.34 (9650.06 to 44553.09)	294.23 (137.35 to 638.66)	0.02 (0 to 0.04)
Bosnia and Herzegovina	11356.99 (5501.70 to 24745.68)	385.90 (182.97 to 837.09)	23766.34 (11553.38 to 49239.95)	374.45 (182.06 to 769.83)	-0.09 (-0.11 to -0.08)
Botswana	1357.68 (625.44 to 3080.00)	419.53 (189.14 to 950.06)	3797.71 (1759.08 to 8498.90)	406.74 (186.63 to 900.91)	-0.06 (-0.11 to -0.01)
Brazil	332563.84 (155594.33 to 736269.44)	511.96 (234.64 to 1114.18)	1201684.10 (564832.04 to 2563994.23)	503.99 (236.06 to 1073.53)	-0.06 (-0.07 to -0.05)
Brunei Darussalam	259.37 (123.66 to 566.81)	386.48 (177.85 to 839.95)	781.93 (371.07 to 1673.51)	396.91 (186.35 to 850.70)	0.17 (0.11 to 0.24)
Bulgaria	34564.20 (17155.11 to 76722.88)	384.01 (179.87 to 832.76)	56457.35 (27396.92 to 118975.18)	381.00 (182.04 to 808.36)	-0.05 (-0.07 to -0.02)

Burkina Faso	10150.09 (4559.28 to 22795.59)	374.24 (161.10 to 852.32)	20975.68 (9368.29 to 47856.99)	341.84 (149.95 to 776.62)	-0.34 (-0.39 to -0.29)
Burundi	6267.05 (2949.82 to 14040.39)	412.68 (194.13 to 912.37)	12337.94 (5583.33 to 28636.78)	431.79 (188.83 to 1002.56)	0.19 (0.16 to 0.21)
Cabo Verde	718.92 (336.90 to 1545.38)	303.76 (141.96 to 652.48)	1271.57 (566.82 to 2843.17)	309.03 (138.82 to 694.39)	0.02 (0 to 0.04)
Cambodia	11687.91 (5685.85 to 24522.98)	412.50 (196.15 to 901.03)	38454.54 (17789.13 to 89726.53)	463.50 (209.71 to 1084.98)	0.44 (0.41 to 0.46)
Cameroon	9786.35 (4345.01 to 21557.29)	346.06 (148.30 to 758.27)	25100.02 (11374.27 to 59279.90)	325.66 (145.07 to 779.51)	-0.23 (-0.28 to -0.17)
Canada	142377.16 (73454.83 to 282907.05)	450.78 (230.93 to 891.10)	345631.30 (172913.36 to 685499.49)	417.19 (213.00 to 829.97)	-0.35 (-0.40 to -0.30)
Central African Republic	3154.77 (1442.11 to 6918.07)	575.66 (257.05 to 1267.47)	5719.13 (2544.20 to 12413.40)	567.00 (253.46 to 1228.24)	-0.08 (-0.11 to -0.05)
Chad	6501.97 (3062.86 to 14013.43)	312.02 (144.48 to 689.01)	11402.50 (5112.56 to 25944.02)	311.23 (139.60 to 709.81)	0.01 (0 to 0.03)
Chile	30264.91 (14868.91 to 64029.64)	366.35 (176.43 to 772.10)	96148.24 (46737.16 to 199850.45)	361.94 (175.97 to 753.94)	-0.04 (-0.05 to -0.03)
China	2702484.11 (1239177.46 to 6085394.74)	534.47 (236.20 to 1190.60)	10072477.50 (4947154.11 to 22219153.71)	562.39 (271.16 to 1238.81)	-0.02 (-0.06 to 0.02)
Colombia	49014.23 (24249.27 to 104197.36)	359.12 (175.51 to 757.30)	209338.57 (102593.52 to 422363.91)	358.92 (176.40 to 727.46)	-0.01 (-0.02 to 0)
Comoros	506.16 (237.00 to 1099.44)	436.60 (198.84 to 948.69)	1636.20 (717.57 to 3785.18)	472.86 (202.81 to 1099.20)	0.29 (0.27 to 0.31)
Congo	3279.07 (1481.26 to 7224.70)	585.15 (253.34 to 1290.63)	8331.44 (3706.02 to 18677.69)	572.08 (242.82 to 1281.13)	-0.06 (-0.08 to -0.04)
Cook Islands	39.27 (18.19 to 88.40)	446.00 (204.64 to 1012.26)	98.69 (46.28 to 212.85)	397.17 (185.81 to 853.89)	-0.34 (-0.37 to -0.32)
Costa Rica	5712.37 (2806.66 to 11985.53)	364.72 (178.33 to 763.04)	20330.27 (9948.41 to 41240.29)	356.80 (176.36 to 722.91)	-0.07 (-0.08 to -0.05)

Côte d'Ivoire	6764.10 (3055.77 to 14992.13)	327.53 (145.45 to 731.70)	21204.10 (9506.32 to 48654.45)	323.54 (141.27 to 745.74)	-0.03 (-0.05 to -0.01)
Croatia	19846.23 (9636.38 to 43580.88)	396.94 (190.69 to 870.52)	38484.52 (18387.67 to 82412.05)	382.75 (182.83 to 812.48)	-0.11 (-0.13 to -0.09)
Cuba	28532.35 (14176.72 to 61681.48)	306.14 (147.67 to 658.55)	65389.50 (31388.11 to 140328.60)	302.91 (147.14 to 645.56)	-0.13 (-0.16 to -0.11)
Cyprus	2792.39 (1303.74 to 6513.32)	494.58 (222.59 to 1135.64)	8469.78 (4031.62 to 18245.43)	441.38 (204.91 to 956.95)	-0.37 (-0.41 to -0.32)
Czechia	49239.67 (23991.05 to 109574.48)	385.05 (181.59 to 850.37)	90830.16 (43921.44 to 188463.69)	382.68 (184.26 to 794.05)	-0.01 (-0.02 to 0)
Democratic People's Republic of Korea	43342.47 (20294.76 to 97047.01)	422.86 (194.83 to 954.64)	117029.28 (54009.92 to 258179.92)	431.35 (197.14 to 950.17)	0.12 (0.09 to 0.15)
Democratic Republic of the Congo	43180.38 (19345.12 to 95568.79)	530.87 (234.29 to 1153.36)	122988.91 (53710.38 to 287621.62)	600.24 (256.06 to 1393.32)	0.46 (0.42 to 0.50)
Denmark	35859.68 (16536.75 to 77855.79)	402.72 (185.09 to 869.35)	53946.79 (23481.58 to 117128.24)	385.44 (169.23 to 831.45)	-0.16 (-0.22 to -0.10)
Djibouti	302.98 (140.68 to 676.58)	457.14 (205.06 to 1006.60)	1580.53 (706.71 to 3558.22)	481.94 (209.69 to 1098.25)	0.18 (0.15 to 0.20)
Dominica	183.57 (89.26 to 397.60)	329.64 (155.79 to 712.60)	239.18 (113.75 to 493.59)	321.07 (152.68 to 665.17)	-0.07 (-0.08 to -0.05)
Dominican Republic	9343.05 (4667.08 to 19622.66)	332.28 (160.12 to 721.37)	30691.64 (14856.39 to 62362.93)	324.75 (156.90 to 659.73)	-0.07 (-0.10 to -0.04)
Ecuador	12183.37 (5896.00 to 26506.06)	280.71 (132.75 to 606.44)	40476.68 (19475.73 to 86462.13)	270.88 (129.20 to 583.75)	-0.09 (-0.11 to -0.07)
Egypt	73946.04 (35730.45 to 167550.36)	491.36 (225.85 to 1097.7)	159715.18 (76419.40 to 354130.20)	451.66 (212.99 to 989.38)	-0.29 (-0.31 to -0.27)
El Salvador	10123.95 (4986.05 to 21543.78)	365.91 (180.64 to 780.61)	25533.10 (12555.24 to 52153.79)	361.86 (179.07 to 738.85)	-0.03 (-0.04 to -0.02)
Equatorial Guinea	575.97 (268.70 to 1297.30)	530.02 (238.47 to 1152.80)	1691.17 (745.11 to 3849.01)	562.36 (244.05 to 1253.71)	0.20 (0.15 to 0.26)

Eritrea	2056.28 (974.68 to 4576.31)	436.83 (201.55 to 978.38)	7002.76 (3017.35 to 16286.80)	499.44 (210.46 to 1155.36)	0.44 (0.39 to 0.49)
Estonia	7422.51 (3647.12 to 16098.46)	392.77 (190.10 to 850.86)	13585.19 (6537.19 to 28632.18)	402.96 (193.00 to 850.91)	0.10 (0.06 to 0.13)
Eswatini	730.61 (333.71 to 1602.75)	419.59 (187.58 to 922.54)	1333.17 (602.49 to 3067.91)	420.94 (191.51 to 955.49)	0.10 (0.07 to 0.12)
Ethiopia	48779.09 (21924.81 to 112645.60)	472.01 (207.19 to 1059.78)	146603.65 (63671.26 to 332066.05)	482.27 (208.72 to 1084.59)	0.08 (0.02 to 0.15)
Fiji	848.84 (397.92 to 1890.41)	425.25 (192.76 to 954.02)	1857.57 (891.11 to 3976.46)	404.94 (191.74 to 883.50)	-0.20 (-0.22 to -0.18)
Finland	33847.92 (15700.24 to 74488.26)	476.52 (222.43 to 1036.19)	71276.23 (32989.28 to 149134.19)	438.11 (204.07 to 904.23)	-0.25 (-0.28 to -0.23)
France	352243.19 (162105.87 to 767033.21)	388.02 (176.76 to 835.11)	699415.53 (319077.08 to 1483216.20)	366.86 (171.08 to 763.86)	-0.18 (-0.20 to -0.17)
Gabon	2412.22 (1076.63 to 5208.47)	592.49 (256.17 to 1284.17)	3838.95 (1718.58 to 8814.86)	588.29 (255.87 to 1336.53)	-0.02 (-0.03 to -0.01)
Gambia	717.42 (332.17 to 1589.17)	341.30 (154.14 to 743.82)	2313.21 (1012.55 to 5353.14)	341.38 (142.91 to 788.35)	-0.07 (-0.12 to -0.02)
Georgia	21137.40 (10181.40 to 45409.30)	391.78 (185.70 to 839.12)	27728.67 (13458.65 to 57375.27)	398.83 (191.96 to 827.23)	0.06 (0.02 to 0.11)
Germany	674606.89 (328263.65 to 1415807.55)	510.92 (245.56 to 1063.38)	1288750.66 (625382.04 to 2595513.97)	508.64 (250.83 to 1028.42)	-0.05 (-0.08 to -0.02)
Ghana	11181.70 (5162.06 to 25852.26)	297.50 (135.33 to 682.06)	34032.33 (15244.94 to 80399.42)	327.77 (144.37 to 776.72)	0.33 (0.29 to 0.38)
Greece	62959.80 (30274.56 to 135836.36)	442.61 (209.80 to 948.67)	143588.17 (68764.33 to 305891.07)	429.55 (206.36 to 907.38)	-0.10 (-0.11 to -0.09)
Greenland	88.80 (44.20 to 190.86)	485.34 (233.26 to 1051.99)	216.75 (107.62 to 439.71)	470.67 (229.50 to 964.22)	-0.08 (-0.10 to -0.05)
Grenada	289.86 (139.54 to 623.55)	337.48 (163.41 to 723.45)	284.21 (139.20 to 618.66)	326.57 (158.38 to 707.55)	0.08 (0.04 to 0.13)

Guam	182.94 (86.13 to 406.41)	421.56 (191.40 to 927.54)	859.37 (434.87 to 1644.31)	368.22 (185.54 to 718.58)	-0.43 (-0.47 to -0.39)
Guatemala	8124.19 (4049.98 to 17681.05)	369.03 (176.80 to 798.15)	33391.73 (16323.37 to 68472.13)	360.29 (173.83 to 750.81)	-0.09 (-0.10 to -0.07)
Guinea	7713.29 (3480.32 to 16629.08)	310.30 (137.96 to 669.31)	13017.49 (5924.72 to 29985.69)	321.03 (144.10 to 737.33)	0.12 (0.09 to 0.15)
Guinea-Bissau	742.47 (334.12 to 1683.53)	329.06 (142.99 to 735.28)	1292.00 (567.53 to 3011.32)	338.39 (143.13 to 800.84)	0.10 (0.09 to 0.12)
Guyana	850.48 (421.03 to 1780.22)	303.85 (145.81 to 649.61)	1458.94 (726.74 to 3137.53)	307.66 (149.80 to 659.64)	0 (-0.07 to 0.08)
Haiti	6706.82 (3315.99 to 14858.38)	340.60 (164.07 to 747.26)	14563.56 (7028.84 to 33157.32)	322.24 (153.66 to 721.17)	-0.17 (-0.18 to -0.16)
Honduras	5996.08 (2868.61 to 12860.15)	396.47 (190.93 to 839.37)	20078.85 (9339.22 to 45473.54)	427.72 (199.15 to 959.38)	0.24 (0.19 to 0.28)
Hungary	50195.02 (24418.62 to 111159.24)	385.80 (181.75 to 842.77)	84263.14 (40649.56 to 173854.49)	380.96 (184.01 to 785.57)	-0.01 (-0.02 to 0.01)
Iceland	1419.02 (696.81 to 2953.66)	454.55 (223.51 to 942.86)	2983.08 (1455.95 to 6069.26)	429.58 (210.02 to 870.83)	-0.16 (-0.19 to -0.13)
India	760229.80 (352481.83 to 1776413.81)	262.07 (122.60 to 600.90)	2787339.06 (1236932.42 to 6211030.69)	305.73 (135.42 to 676.67)	0.52 (0.48 to 0.55)
Indonesia	232714.59 (116392.74 to 493915.02)	365.07 (178.21 to 779.12)	633904.74 (302564.43 to 1387129.98)	422.00 (194.37 to 933.56)	0.41 (0.35 to 0.47)
Iran (Islamic Republic of)	78652.16 (37477.32 to 171632.57)	506.44 (241.22 to 1099.44)	300427.47 (144422.88 to 638657.01)	473.64 (225.81 to 1003.84)	-0.25 (-0.26 to -0.23)
Iraq	33788.41 (15937.02 to 72413.21)	490.69 (231.46 to 1051.37)	72799.75 (34770.93 to 156086.02)	473.14 (223.03 to 1007.50)	-0.20 (-0.23 to -0.17)
Ireland	16739.29 (8081.01 to 36520.57)	444.18 (210.96 to 962.81)	36028.85 (17320.24 to 74449.31)	417.27 (199.94 to 861.14)	-0.17 (-0.19 to -0.15)
Israel	18984.46 (9180.00 to 41780.53)	433.13 (204.21 to 934.20)	59491.05 (28622.16 to 124666.78)	421.50 (202.20 to 878.99)	-0.09 (-0.12 to -0.07)

Italy	450862.76 (205648.82 to 977093.37)	516.62 (233.92 to 1110.05)	1008203.06 (479893.16 to 2046522.22)	507.40 (243.87 to 1036.59)	-0.03 (-0.06 to -0.01)
Jamaica	6365.06 (3182.91 to 13183.31)	340.78 (169.90 to 704.29)	11697.77 (5775.30 to 24323.35)	328.53 (164.60 to 683.23)	-0.14 (-0.17 to -0.11)
Japan	688560.01 (323201.60 to 1492467.76)	460.57 (214.58 to 985.33)	2539293.65 (1209734.79 to 5046913.08)	456.00 (221.79 to 920.17)	0.03 (0.01 to 0.06)
Jordan	4060.54 (2000.97 to 8589.84)	487.44 (236.71 to 1035.26)	21644.38 (10918.41 to 46231.25)	450.02 (219.99 to 960.28)	-0.29 (-0.31 to -0.26)
Kazakhstan	39047.69 (18990.28 to 84771.28)	390.89 (184.64 to 843.79)	48376.52 (23936.44 to 105361.55)	371.56 (177.75 to 812.03)	-0.25 (-0.30 to -0.21)
Kenya	23812.83 (11015.69 to 53227.60)	424.09 (190.83 to 967.98)	66902.84 (29263.39 to 147195.16)	480.57 (205.49 to 1052.02)	0.46 (0.44 to 0.47)
Kiribati	93.51 (43.95 to 212.04)	444.73 (206.23 to 1011.07)	188.63 (86.39 to 414.12)	484.20 (221.09 to 1072.53)	0.27 (0.24 to 0.31)
Kuwait	1801.70 (884.21 to 3791.02)	504.17 (243.96 to 1060.09)	9285.63 (4602.09 to 18988.09)	457.75 (224.95 to 949.83)	-0.33 (-0.40 to -0.26)
Kyrgyzstan	9745.31 (4788.22 to 20629.59)	396.12 (189.20 to 837.35)	13596.27 (6546.88 to 27881.04)	386.99 (186.91 to 800.00)	-0.08 (-0.10 to -0.07)
Lao People's Democratic Republic	4771.78 (2342.46 to 10477.94)	389.09 (188.34 to 847.42)	12588.34 (5967.19 to 27894.64)	407.47 (187.60 to 907.38)	0.19 (0.16 to 0.21)
Latvia	13364.02 (6420.79 to 28675.33)	392.89 (186.13 to 839.82)	19067.66 (9164.87 to 40165.72)	392.16 (187.44 to 818.04)	0.02 (-0.01 to 0.05)
Lebanon	7589.65 (3694.36 to 15751.42)	473.64 (232.18 to 975.21)	30711.10 (15226.39 to 63469.43)	460.13 (229.84 to 949.69)	-0.07 (-0.14 to 0.01)
Lesotho	2593.11 (1219.89 to 5400.44)	413.57 (194.21 to 873.14)	2859.01 (1314.99 to 6603.36)	430.58 (193.02 to 983.97)	0.25 (0.18 to 0.32)
Liberia	2416.25 (1100.36 to 5706.01)	308.34 (138.41 to 703.75)	4089.03 (1870.15 to 9508.64)	307.31 (137.60 to 719.91)	0.03 (0 to 0.06)
Libya	8518.72 (3958.64 to 17604.65)	550.60 (256.35 to 1138.12)	19173.95 (9210.51 to 42779.33)	502.17 (241.77 to 1123.68)	-0.26 (-0.29 to -0.24)

Lithuania	17135.12 (8172.83 to 36545.75)	391.67 (185.38 to 838.74)	27737.82 (13341.77 to 59555.56)	393.44 (190.01 to 837.06)	0.01 (-0.01 to 0.04)
Luxembourg	1705.37 (836.55 to 3640.71)	325.91 (156.55 to 696.57)	3795.54 (1760.71 to 8000.60)	308.22 (144.66 to 646.56)	-0.17 (-0.20 to -0.15)
Madagascar	11987.00 (5876.38 to 26261.83)	360.43 (172.97 to 789.78)	21673.85 (10490.86 to 47293.48)	365.63 (170.82 to 805.91)	0.06 (0.05 to 0.08)
Malawi	9539.85 (4501.65 to 21589.87)	422.24 (194.25 to 958.33)	20791.30 (9394.99 to 46445.82)	463.75 (206.32 to 1030.55)	0.34 (0.31 to 0.37)
Malaysia	33856.44 (16253.70 to 72593.32)	445.10 (211.57 to 957.71)	98750.51 (45297.57 to 216710.53)	445.34 (203.45 to 976.51)	-0.05 (-0.09 to 0)
Maldives	188.90 (94.35 to 416.16)	362.78 (172.44 to 801.40)	1002.42 (491.71 to 2089.83)	384.86 (186.59 to 802.36)	0.18 (0.14 to 0.22)
Mali	8516.87 (3724.93 to 19051.31)	366.70 (156.49 to 838.12)	19553.51 (8451.23 to 45892.69)	363.61 (153.57 to 846.85)	0.01 (-0.02 to 0.04)
Malta	1646.28 (785.51 to 3508.44)	442.14 (207.61 to 934.70)	4906.20 (2400.54 to 10192.39)	421.98 (204.82 to 872.32)	-0.19 (-0.22 to -0.17)
Marshall Islands	42.82 (19.76 to 98.04)	450.32 (202.99 to 1044.26)	71.43 (32.56 to 168.76)	420.98 (191.27 to 996.32)	-0.24 (-0.25 to -0.23)
Mauritania	2301.79 (1046.90 to 5183.15)	331.16 (148.76 to 747.32)	5285.38 (2366.49 to 12768.39)	329.08 (146.78 to 795.20)	-0.07 (-0.09 to -0.05)
Mauritius	2076.92 (999.85 to 4588.48)	410.23 (193.18 to 896.71)	6516.25 (3148.85 to 13909.97)	390.08 (186.92 to 832.38)	-0.18 (-0.25 to -0.12)
Mexico	100577.44 (50170.65 to 215759.28)	309.40 (150.68 to 660.70)	331078.59 (163369.05 to 717516.72)	296.84 (144.66 to 642.67)	-0.11 (-0.12 to -0.10)
Micronesia (Federated States of)	156.30 (71.49 to 368.57)	476.07 (218.92 to 1100.61)	199.47 (92.35 to 454.05)	468.56 (217.61 to 1082.02)	-0.04 (-0.07 to 0)
Monaco	386.90 (183.02 to 852.45)	453.72 (215.99 to 1003.31)	577.82 (270.66 to 1171.89)	450.66 (212.60 to 919.67)	-0.01 (-0.03 to 0.01)
Mongolia	3144.39 (1493.02 to 6537.12)	412.86 (193.85 to 881.39)	5695.11 (2781.99 to 12455.94)	402.27 (192.91 to 881.94)	-0.15 (-0.18 to -0.13)

Montenegro	2178.10 (1038.27 to 4665.52)	392.24 (185.50 to 838.01)	3258.73 (1564.54 to 6972.74)	383.69 (179.33 to 823.48)	-0.09 (-0.11 to -0.06)
Morocco	55382.25 (27159.74 to 120170.93)	498.06 (241.30 to 1079.72)	127780.40 (59697.17 to 281248.07)	479.67 (223.95 to 1061.79)	-0.09 (-0.11 to -0.07)
Mozambique	15974.05 (7352.43 to 35805.95)	456.75 (201.73 to 1027.76)	30654.66 (13273.67 to 71348.50)	490.46 (207.92 to 1152.97)	0.35 (0.31 to 0.38)
Myanmar	58087.99 (29178.43 to 124556.98)	390.49 (192.75 to 822.66)	149830.34 (70323.67 to 330238.53)	407.47 (187.74 to 911.87)	0.12 (0.09 to 0.14)
Namibia	1555.70 (730.80 to 3409.25)	402.65 (187.31 to 907.77)	3876.73 (1763.23 to 9224.85)	432.91 (196.45 to 1035.86)	0.24 (0.22 to 0.26)
Nauru	10.24 (4.71 to 23.54)	447.11 (201.16 to 1005.34)	14.34 (6.62 to 32.72)	448.40 (201.57 to 1042.39)	0.03 (0 to 0.05)
Nepal	16479.55 (8135.37 to 34498.56)	280.91 (139.12 to 594.87)	53237.19 (24524.08 to 119226.72)	310.85 (140.50 to 699.68)	0.34 (0.30 to 0.39)
Netherlands	99009.55 (47151.77 to 208666.66)	482.11 (228.55 to 1010.99)	192569.68 (90109.76 to 397968.59)	474.98 (223.60 to 983.43)	-0.03 (-0.04 to -0.02)
New Zealand	17265.48 (8261.49 to 36981.63)	465.69 (219.62 to 984.68)	41387.73 (19701.06 to 85370.98)	441.17 (210.93 to 909.28)	-0.21 (-0.25 to -0.17)
Nicaragua	4414.28 (2219.21 to 9153.64)	365.48 (181.44 to 755.05)	14677.39 (7496.61 to 30009.32)	356.84 (181.81 to 732.29)	-0.05 (-0.07 to -0.02)
Niger	5071.65 (2314.29 to 10997.76)	330.91 (147.98 to 724.22)	16297.29 (7393.16 to 36652.47)	331.02 (147.57 to 734.60)	0.07 (0.03 to 0.11)
Nigeria	89836.71 (41320.19 to 200502.96)	296.84 (131.50 to 656.93)	186091.37 (80144.26 to 431730.45)	309.45 (131.77 to 715.01)	0.22 (0.16 to 0.28)
Niue	11.89 (5.30 to 27.01)	478.71 (213.11 to 1086.49)	8.50 (3.85 to 18.73)	434.13 (196.03 to 954.18)	-0.33 (-0.35 to -0.32)
North Macedonia	5702.07 (2777.10 to 12216.75)	371.22 (179.98 to 794.46)	9168.01 (4472.12 to 19503.38)	373.95 (177.20 to 816.33)	-0.01 (-0.03 to 0.02)
Northern Mariana Islands	32.04 (15.19 to 70.09)	420.69 (193.45 to 939.21)	131.43 (62.81 to 292.54)	410.96 (189.74 to 911.58)	-0.05 (-0.09 to -0.01)

Norway	37077.23 (17725.95 to 79028.78)	477.46 (227.82 to 1011.83)	51746.60 (24041.69 to 108679.71)	427.76 (202.41 to 901.90)	-0.38 (-0.41 to -0.35)
Oman	2200.54 (1062.01 to 4696.70)	512.85 (245.40 to 1088.66)	5228.48 (2530.11 to 11946.57)	472.28 (223.68 to 1076.18)	-0.26 (-0.35 to -0.17)
Pakistan	129196.84 (58718.70 to 291181.16)	310.92 (138.64 to 710.19)	265492.28 (113131.30 to 614292.61)	333.84 (140.09 to 758.92)	0.16 (0.13 to 0.20)
Palau	27.83 (12.89 to 63.16)	435.69 (194.62 to 990.99)	53.30 (25.07 to 120.81)	389.68 (175.49 to 883.59)	-0.33 (-0.37 to -0.30)
Palestine	3223.86 (1541.13 to 7170.72)	494.79 (232.85 to 1111.89)	7499.86 (3704.79 to 16351.78)	461.77 (223.02 to 1011.99)	-0.23 (-0.29 to -0.18)
Panama	4577.16 (2282.07 to 9767.84)	349.94 (172.43 to 743.98)	16204.39 (7990.61 to 32473.91)	348.86 (174.09 to 698.83)	0 (-0.02 to 0.02)
Papua New Guinea	3818.19 (1832.88 to 8361.41)	413.72 (196.86 to 911.19)	11060.56 (5312.88 to 24708.84)	393.40 (182.94 to 868.87)	-0.21 (-0.24 to -0.19)
Paraguay	9018.57 (4311.80 to 19006.27)	467.69 (223.43 to 985.68)	24542.04 (11311.63 to 51408.67)	465.79 (215.80 to 974.39)	0 (-0.02 to 0.01)
Peru	28486.75 (13384.20 to 62168.56)	274.95 (128.33 to 602.68)	90022.38 (43347.55 to 191856.65)	268.50 (129.48 to 574.76)	-0.14 (-0.17 to -0.11)
Philippines	76343.83 (38001.87 to 164181.60)	393.94 (186.07 to 844.77)	245427.99 (116780.95 to 509604.88)	410.29 (191.00 to 846.37)	0.15 (0.14 to 0.17)
Poland	156214.45 (75214.78 to 344070.47)	406.31 (192.93 to 884.27)	312583.78 (149055.29 to 666118.54)	394.77 (187.59 to 844.38)	-0.09 (-0.10 to -0.08)
Portugal	53765.50 (25623.87 to 119909.84)	444.35 (208.98 to 981.30)	138948.94 (66135.34 to 290913.78)	432.79 (205.33 to 900.75)	-0.07 (-0.09 to -0.05)
Puerto Rico	11133.49 (5435.55 to 24061.14)	332.94 (158.99 to 712.73)	30267.50 (14869.76 to 62168.55)	318.47 (158.35 to 648.17)	-0.16 (-0.17 to -0.14)
Qatar	231.05 (110.84 to 507.68)	518.27 (237.90 to 1181.00)	1732.66 (843.27 to 3826.63)	467.95 (215.80 to 1029.22)	-0.31 (-0.36 to -0.26)
Republic of Korea	101641.56 (47101.65 to 222693.47)	580.65 (260.79 to 1256.03)	461797.18 (218815.68 to 928411.31)	500.05 (234.92 to 1004.38)	-0.36 (-0.40 to -0.31)

Republic of Moldova	12323.88 (5911.95 to 26719.29)	387.64 (183.52 to 834.96)	23054.04 (11504.12 to 49148.80)	372.43 (187.00 to 797.15)	-0.14 (-0.17 to -0.11)
Romania	83050.97 (40755.50 to 184470.63)	382.93 (182.26 to 838.65)	160362.80 (77962.19 to 338943.91)	382.75 (185.17 to 803.55)	-0.02 (-0.03 to -0.01)
Russian Federation	589959.50 (286542.74 to 1293548.76)	406.03 (192.39 to 878.44)	971902.47 (459547.00 to 2086550.64)	397.87 (188.83 to 852.89)	-0.08 (-0.10 to -0.06)
Rwanda	6948.51 (3255.18 to 15413.57)	438.80 (199.65 to 980.20)	18899.58 (8397.19 to 42834.45)	492.89 (213.52 to 1114.28)	0.41 (0.39 to 0.43)
Saint Kitts and Nevis	106.22 (52.97 to 234.91)	314.31 (149.41 to 678.21)	153.86 (74.47 to 325.81)	307.67 (147.14 to 668.04)	0.02 (-0.02 to 0.06)
Saint Lucia	236.21 (115.46 to 518.37)	325.28 (155.18 to 704.03)	727.12 (351.41 to 1536.51)	318.21 (152.98 to 674.90)	-0.14 (-0.16 to -0.12)
Saint Vincent and the Grenadines	212.75 (103.62 to 450.03)	343.72 (163.72 to 733.64)	398.78 (196.24 to 851.81)	313.61 (151.38 to 678.48)	-0.22 (-0.27 to -0.17)
Samoa	283.85 (128.14 to 635.70)	479.55 (214.02 to 1073.98)	493.89 (221.01 to 1132.52)	457.23 (202.49 to 1060.53)	-0.15 (-0.19 to -0.12)
San Marino	162.00 (79.44 to 331.79)	426.84 (208.93 to 870.41)	410.38 (199.89 to 830.06)	384.39 (193.81 to 772.22)	-0.28 (-0.32 to -0.24)
Sao Tome and Principe	160.40 (72.58 to 365.52)	311.00 (139.50 to 704.54)	233.22 (104.40 to 529.63)	305.55 (136.27 to 683.23)	-0.05 (-0.09 to 0)
Saudi Arabia	19123.69 (8990.71 to 40204.13)	501.05 (232.40 to 1064.97)	40838.61 (19149.70 to 87866.58)	456.71 (208.96 to 1019.77)	-0.33 (-0.35 to -0.31)
Senegal	7292.92 (3316.55 to 16339.10)	330.44 (147.37 to 740.71)	19198.97 (8357.95 to 44630.72)	349.47 (149.30 to 822.30)	0.17 (0.14 to 0.19)
Serbia	31713.54 (15236.14 to 69050.23)	383.30 (178.08 to 837.65)	66360.46 (31699.34 to 142061.17)	378.95 (180.18 to 812.59)	-0.10 (-0.13 to -0.07)
Seychelles	230.05 (107.97 to 503.04)	417.52 (195.33 to 908.01)	371.27 (177.28 to 795.84)	390.79 (185.16 to 847.26)	-0.20 (-0.22 to -0.18)
Sierra Leone	4594.47 (2116.30 to 10303.98)	304.50 (140.12 to 675.61)	7745.85 (3558.93 to 17802.46)	303.05 (134.33 to 690.10)	0 (-0.02 to 0.02)

Singapore	5251.37 (2536.34 to 11364.71)	334.82 (160.51 to 718.72)	26859.11 (13116.93 to 54775.04)	327.69 (160.06 to 667.67)	-0.01 (-0.03 to 0.02)
Slovakia	21304.06 (10309.30 to 46089.86)	392.50 (186.93 to 840.90)	36915.81 (17759.03 to 77045.58)	386.66 (186.37 to 808.10)	-0.02 (-0.04 to 0)
Slovenia	8983.30 (4225.87 to 19745.92)	382.00 (178.71 to 834.83)	20970.85 (10183.21 to 42891.67)	385.66 (186.57 to 793.44)	0.05 (0 to 0.10)
Solomon Islands	304.25 (143.03 to 716.92)	431.35 (195.74 to 993.79)	871.46 (408.23 to 1961.50)	431.44 (198.77 to 981.36)	0.02 (-0.02 to 0.05)
Somalia	4932.95 (2309.09 to 10777.29)	415.69 (191.62 to 905.33)	12911.03 (5865.50 to 28940.78)	444.96 (198.60 to 1030.23)	0.34 (0.29 to 0.38)
South Africa	64718.75 (31061.79 to 139265.81)	396.83 (186.63 to 850.32)	140199.05 (65093.42 to 313929.07)	406.65 (185.95 to 901.85)	0.07 (0.01 to 0.12)
South Sudan	7028.29 (3225.44 to 15568.96)	411.64 (184.29 to 891.43)	9579.74 (4290.46 to 21618.39)	413.22 (178.87 to 939.24)	0 (-0.04 to 0.05)
Spain	245878.19 (113829.26 to 515369.34)	460.46 (211.09 to 964.80)	547722.65 (251375.97 to 1125388.63)	418.19 (195.24 to 860.08)	-0.25 (-0.28 to -0.22)
Sri Lanka	28171.50 (14047.34 to 61104.08)	374.41 (178.08 to 808.50)	84903.47 (40775.87 to 173229.27)	369.00 (177.21 to 764.88)	-0.04 (-0.06 to -0.02)
Sudan	29957.35 (14447.34 to 69686.19)	478.34 (226.03 to 1088.16)	60187.05 (28932.33 to 127726.43)	442.22 (209.16 to 934.95)	-0.28 (-0.30 to -0.26)
Suriname	738.06 (366.01 to 1569.97)	333.79 (166.14 to 711.38)	1847.24 (925.50 to 3913.41)	323.39 (161.32 to 680.94)	-0.11 (-0.13 to -0.08)
Sweden	76671.91 (37235.41 to 158359.38)	447.24 (215.79 to 921.22)	115343.04 (55527.94 to 237395.90)	416.99 (202.33 to 857.28)	-0.16 (-0.18 to -0.13)
Switzerland	52145.64 (24890.64 to 111058.37)	449.64 (212.92 to 955.62)	99781.09 (47297.92 to 203584.13)	425.52 (205.38 to 877.70)	-0.19 (-0.26 to -0.12)
Syrian Arab Republic	18724.23 (9086.81 to 40376.05)	482.32 (235.56 to 1046.32)	40566.57 (19810.12 to 87232.46)	451.67 (219.33 to 983.43)	-0.23 (-0.25 to -0.21)
Taiwan (Province of China)	35816.09 (16799.63 to 80334.37)	350.75 (161.94 to 766.05)	169626.68 (79102.21 to 360771.39)	372.14 (175.26 to 790.04)	0 (-0.10 to 0.10)

Tajikistan	8915.23 (4214.09 to 19267.49)	392.87 (186.09 to 849.45)	14541.99 (6783.31 to 31219.25)	391.81 (182.51 to 858.86)	-0.03 (-0.05 to 0)
Thailand	103411.60 (48459.69 to 221449.04)	405.10 (188.11 to 872.98)	436132.60 (204623.91 to 922677.62)	395.44 (185.94 to 837.14)	-0.15 (-0.19 to -0.12)
Timor-Leste	623.42 (309.45 to 1317.60)	382.17 (185.81 to 835.81)	2499.76 (1202.69 to 5517.63)	399.65 (185.73 to 906.77)	0.20 (0.16 to 0.24)
Togo	2451.36 (1120.92 to 5288.56)	324.67 (143.62 to 721.44)	7358.54 (3247.22 to 17464.06)	340.84 (148.60 to 819.20)	0.17 (0.14 to 0.19)
Tokelau	5.51 (2.45 to 12.27)	491.49 (217.21 to 1100.53)	6.54 (2.97 to 14.50)	446.50 (201.71 to 992.48)	-0.33 (-0.33 to -0.32)
Tonga	184.97 (86.22 to 415.35)	466.65 (214.52 to 1043.66)	330.56 (151.08 to 722.30)	451.66 (205.62 to 990.56)	-0.07 (-0.08 to -0.06)
Trinidad and Tobago	2172.54 (1091.68 to 4800.23)	326.90 (158.27 to 713.26)	5759.51 (2805.85 to 12253.80)	314.81 (154.46 to 665.73)	-0.07 (-0.09 to -0.05)
Tunisia	17785.25 (8566.31 to 38938.09)	527.40 (245.11 to 1131.51)	54873.96 (26639.21 to 115638.06)	485.94 (234.03 to 1019.04)	-0.27 (-0.28 to -0.26)
Turkey	141131.26 (68913.83 to 297639.33)	551.48 (267.29 to 1158.43)	401906.16 (196643.62 to 841832.34)	491.99 (236.53 to 1031.11)	-0.40 (-0.47 to -0.32)
Turkmenistan	5422.10 (2624.91 to 11753.29)	394.54 (187.86 to 847.99)	11362.73 (5510.50 to 25239.73)	373.23 (181.83 to 824.24)	-0.26 (-0.29 to -0.23)
Tuvalu	18.41 (8.31 to 43.26)	479.06 (219.38 to 1112.09)	33.93 (15.87 to 79.04)	456.66 (210.11 to 1054.29)	-0.17 (-0.18 to -0.17)
Uganda	16146.72 (7642.97 to 34228.81)	394.33 (180.61 to 852.94)	42254.81 (19163.80 to 96807.56)	453.76 (201.58 to 1038.69)	0.49 (0.45 to 0.52)
Ukraine	246608.70 (119631.88 to 538884.36)	402.57 (191.76 to 867.85)	317857.29 (145501.36 to 694748.54)	396.30 (181.53 to 863.58)	-0.06 (-0.08 to -0.04)
United Arab Emirates	1036.17 (480.24 to 2301.01)	507.16 (231.84 to 1108.06)	5906.74 (2850.99 to 13109.13)	427.48 (198.64 to 928.24)	-0.42 (-0.51 to -0.33)
United Kingdom	388789.25 (183322.70 to 833867.49)	409.43 (191.44 to 870.23)	615409.56 (288558.91 to 1286176.15)	390.40 (183.98 to 817.67)	-0.10 (-0.13 to -0.08)

United Republic of Tanzania	30164.87 (13860.04 to 67585.13)	448.87 (200.94 to 973.23)	77340.66 (34294.51 to 175050.64)	441.03 (193.01 to 993.62)	-0.06 (-0.08 to -0.04)
United States of America	1789056.49 (842342.34 to 3821141.86)	528.79 (248.85 to 1122.13)	3318642.62 (1550259.21 to 6957870.80)	509.74 (240.09 to 1068.07)	-0.15 (-0.16 to -0.13)
United States Virgin Islands	199.32 (97.34 to 421.20)	337.77 (159.15 to 712.10)	553.08 (278.42 to 1144.24)	302.56 (148.84 to 624.93)	-0.34 (-0.35 to -0.33)
Uruguay	14459.41 (6944.89 to 31019.74)	381.12 (181.52 to 811.18)	26123.32 (12398.97 to 55821.56)	379.78 (180.21 to 797.09)	-0.03 (-0.03 to -0.02)
Uzbekistan	38262.57 (18194.50 to 81470.76)	378.52 (178.10 to 809.14)	65993.66 (32043.46 to 141973.94)	367.07 (176.44 to 801.55)	-0.09 (-0.10 to -0.08)
Vanuatu	137.91 (62.70 to 315.19)	414.90 (186.63 to 961.38)	417.60 (193.04 to 957.70)	414.82 (185.48 to 949.40)	-0.04 (-0.06 to -0.02)
Venezuela (Bolivarian Republic of)	31862.65 (15762.50 to 67179.41)	415.88 (202.04 to 869.58)	113229.47 (56088.02 to 235488.71)	409.15 (203.98 to 846.15)	-0.06 (-0.08 to -0.05)
Viet Nam	150239.66 (70423.75 to 325420.72)	454.56 (211.42 to 984.40)	372890.24 (167940.53 to 839083.73)	476.41 (214.33 to 1068.35)	0.13 (0.10 to 0.16)
Yemen	14957.20 (7274.86 to 31995.38)	521.37 (246.81 to 1115.43)	43851.33 (21308.09 to 99856.18)	486.21 (234.59 to 1103.25)	-0.25 (-0.27 to -0.22)
Zambia	6868.19 (3236.64 to 15186.58)	396.43 (182.19 to 890.11)	17468.65 (8023.41 to 39669.38)	431.45 (196.36 to 999.22)	0.35 (0.31 to 0.39)
Zimbabwe	11022.46 (5116.83 to 23192.78)	434.92 (201.17 to 966.47)	16367.30 (7404.19 to 38018.47)	417.09 (191.94 to 965.99)	-0.11 (-0.17 to -0.05)

Abbreviations: ASR, age-standardized rate; DALYs, disability-adjusted life-years; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index; GBD, Global Burden of Diseases, Injuries, and Risk Factors Study; EAPC, estimated annual percentage change; UI, uncertainty interval; CI, confidence interval

Table S7 The APC and AAPC in joinpoint regression analysis of ASIR for globally and China from 1990 to 2021

Location	Sex	ASR of incidence /10^5		Period	APC /% (95% CI)	AAPC /% (95% CI)	*t*	*p*
		1990	2021					
Global	Both	116.97	119.76	1990-1995	0.23 (0.21 to 0.25)	0.06 (0.05 to 0.07)	15.75	<0.001
				1995-2005	-0.04 (-0.05 to -0.03)			
				2005-2011	-0.20 (-0.22 to -0.18)			
				2011-2019	0.07 (0.06 to 0.08)			
				2019-2021	0.94 (0.85 to 1.02)			
	Female	127.82	132.29	1990-1995	0.32 (0.28 to 0.36)	0.10 (0.08 to 0.11)	12.50	<0.001
				1995-2004	0.01 (-0.01 to 0.02)			
				2004-2011	-0.21 (-0.24 to -0.18)			
				2011-2019	0.10 (0.08 to 0.13)			
				2019-2021	1.00 (0.83 to 1.08)			
	Male	100.69	103.40	1990-1994	-0.03 (-0.04 to -0.02)	0.07 (0.05 to 0.10)	6.34	<0.001
				1994-2011	0.01 (-0.01 to 0.02)			
				2011-2019	0.07 (0.03 to 0.11)			
				2019-2021	0.86 (0.57 to 1.15)			
China	Both	121.11	151.47	1990-1994	2.10 (1.97 to 2.23)	0.68 (0.63 to 0.73)	27.45	<0.001
				1994-2004	0.27 (0.24 to 0.31)			
				2004-2010	-0.28 (-0.37 to -0.18)			
				2010-2015	1.28 (1.14 to 1.41)			
				2015-2019	-0.15 (-0.36 to 0.07)			
				2019-2021	2.93 (2.49 to 3.37)			
	Female	135.42	171.81	1990-1994	2.31 (2.16 to 2.46)	0.72 (0.67 to 0.77)	26.31	<0.001
				1994-2004	0.25 (0.21 to 0.29)			
				2004-2010	-0.31 (-0.42 to -0.21)			
				2010-2015	1.29 (1.14 to 1.44)			
				2015-2019	-0.09 (-0.33 to 0.15)			
				2019-2021	3.26 (2.77 to 3.75)			
	Male	100.25	126.48	1990-1994	1.99 (1.85 to 2.13)	0.71 (0.66 to 0.76)	27.46	<0.001
				1994-2004	0.40 (0.36 to 0.44)			
				2004-2010	-0.14 (-0.24 to -0.04)			
				2010-2015	1.41 (1.27 to 1.56)			
				2015-2019	-0.28 (-0.50 to -0.06)			
				2019-2021	2.58 (2.11 to 3.04)			

Abbreviations: ASIR, ASR of incidence; ASR, age-standardized rate; APC, annual percent change; AAPC, average annual percent change; CI, confidence interval.

Table S8 The APC and AAPC in joinpoint regression analysis of ASPR for globally and China from 1990 to 2021

Location	Sex	ASR of prevalence /10^5		Period	APC /% (95% CI)	AAPC /% (95% CI)	*t*	*p*
		1990	2021					
Global	Both	672.22	694.01	1990-1995	0.25 (0.22 to 0.27)	0.09 (0.08 to 0.10)	15.30	<0.001
				1995-2005	-0.01 (-0.02 to 0)			
				2005-2010	-0.21 (-0.25 to -0.18)			
				2010-2019	0.08 (0.06 to 0.09)			
				2019-2021	0.98 (0.86 to 1.11)			
	Female	736.15	769.94	1990-1995	0.34 (0.30 to 0.38)	0.13 (0.11 to 0.15)	15.13	<0.001
				1995-2004	0.06 (0.04 to 0.08)			
				2004-2010	-0.22 (-0.26 to -0.18)			
				2010-2019	0.11 (0.09 to 0.14)			
				2019-2021	1.06 (0.87 to 1.25)			
	Male	571.47	589.47	1990-1993	0.19 (0.04 to 0.34)	0.09 (0.05 to 0.13)	4.45	<0.001
				1993-2011	-0.02 (-0.04 to -0.01)			
				2011-2016	0.19 (0.09 to 0.29)			
				2016-2019	-0.11 (-0.42 to 0.21)			
				2019-2021	1.03 (0.71 to 1.35)			
China	Both	703.14	900.82	1990-1994	2.42 (2.29 to 2.56)	0.75 (0.70 to 0.80)	28.39	<0.001
				1994-2005	0.29 (0.26 to 0.32)			
				2005-2010	-0.41 (-0.55 to -0.27)			
				2010-2015	1.32 (1.18 to 1.46)			
				2015-2019	-0.21 (-0.43 to 0.02)			
				2019-2021	3.42 (2.96 to 3.89)			
	Female	785.19	1025.11	1990-1994	2.63 (2.47 to 2.79)	0.80 (0.74 to 0.86)	26.76	<0.001
				1994-2004	0.30 (0.25 to 0.34)			
				2004-2010	-0.36 (-0.47 to -0.25)			
				2010-2015	1.38 (1.21 to 1.54)			
				2015-2019	-0.16 (-0.41 to 0.10)			
				2019-2021	3.76 (3.21 to 4.32)			
	Male	574.55	731.22	1990-1994	2.12 (2.00 to 2.25)	0.74 (0.69 to 0.79)	30.19	<0.001
				1994-2004	0.42 (0.39 to 0.46)			
				2004-2010	-0.11 (-0.20 to -0.02)			
				2010-2015	1.33 (1.20 to 1.46)			
				2015-2019	-0.33 (-0.54 to -0.12)			
				2019-2021	2.79 (2.35 to 3.23)			

Abbreviations: ASPR, ASR of prevalence; ASR, age-standardized rate; APC, annual percent change; AAPC, average annual percent change; CI, confidence interval.

Table S9 The APC and AAPC in joinpoint regression analysis of ASDR for globally and China from 1990 to 2021

Location	Sex	ASR of DALYs /10^5		Period	APC /% (95% CI)	AAPC /% (95% CI)	*t*	*p*
		1990	2021					
Global	Both	445.75	450.99	1990-1996	0.12 (0.07 to 0.16)	0.03 (0.01 to 0.05)	2.86	0.004
				1996-2011	-0.08 (-0.09 to -0.07)			
				2011-2019	0.05 (0.02 to 0.08)			
				2019-2021	0.49 (0.25 to 0.73)			
	Female	495.05	504.87	1990-1997	0.16 (0.13 to 0.20)	0.05 (0.03 to 0.07)	5.01	<0.001
				1997-2012	-0.07 (-0.08 to -0.05)			
				2012-2019	0.07 (0.03 to 0.11)			
				2019-2021	0.50 (0.24 to 0.76)			
	Male	362.99	372.53	1990-2011	-0.01 (-0.02 to 0)	0.07 (0.04 to 0.10)	4.73	<0.001
				2011-2015	0.30 (0.15 to 0.44)			
				2015-2019	0.03 (-0.11 to 0.17)			
				2019-2021	0.59 (0.30 to 0.87)			
China	Both	534.47	562.39	1990-2019	-0.06 (-0.09 to -0.03)	0.08 (-0.02 to 0.19)	1.53	0.127
				2019-2021	2.20 (0.49 to 3.94)			
	Female	596.71	631.38	1990-1994	0.47 (-0.04 to 0.98)	0.15 (0.03 to 0.26)	2.51	0.012
				1994-2019	-0.09 (-0.12 to -0.06)			
				2019-2021	2.48 (0.93 to 4.06)			
	Male	429.85	463.67	1990-2019	0.05 (0.03 to 0.07)	0.19 (0.11 to 0.26)	4.93	<0.001
				2019-2021	2.12 (0.94 to 3.32)			

Abbreviations: ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years; APC, annual percent change; AAPC, average annual percent change; CI, confidence interval.

Table S10 RRs of incidence and prevalence for globally and China for both sexes due to age, period and cohort effects

Factor	Incidence of globally		Incidence of China		Prevalence of globally		Prevalence of China	
	RR (95% CI)	*p*	RR (95% CI)	*p*	RR (95% CI)	*p*	RR (95% CI)	*p*
Age (years)								
40-44	0.054 (0.053 to 0.054)	<0.001	0.051 (0.051 to 0.051)	<0.001	0.019 (0.019 to 0.019)	<0.001	0.018 (0.018 to 0.019)	<0.001
45-49	0.136 (0.136 to 0.136)	<0.001	0.129 (0.129 to 0.130)	<0.001	0.110 (0.110 to 0.111)	<0.001	0.105 (0.105 to 0.105)	<0.001
50-54	0.211 (0.210 to 0.211)	<0.001	0.213 (0.213 to 0.214)	<0.001	0.241 (0.241 to 0.241)	<0.001	0.232 (0.231 to 0.232)	<0.001
55-59	0.342 (0.341 to 0.342)	<0.001	0.372 (0.370 to 0.373)	<0.001	0.412 (0.412 to 0.413)	<0.001	0.414 (0.414 to 0.415)	<0.001
60-64	0.526 (0.525 to 0.527)	<0.001	0.572 (0.570 to 0.573)	<0.001	0.659 (0.659 to 0.660)	<0.001	0.686 (0.685 to 0.687)	<0.001
65-69	0.856 (0.855 to 0.857)	<0.001	0.869 (0.867 to 0.871)	<0.001	1.014 (1.013 to 1.014)	<0.001	1.038 (1.037 to 1.039)	<0.001
70-74	1.524 (1.522 to 1.525)	<0.001	1.503 (1.500 to 1.506)	<0.001	1.634 (1.633 to 1.634)	<0.001	1.611 (1.609 to 1.612)	<0.001
75-79	2.808 (2.806 to 2.811)	<0.001	2.868 (2.862 to 2.873)	<0.001	2.838 (2.837 to 2.839)	<0.001	2.795 (2.792 to 2.797)	<0.001
80-84	4.36 (4.356 to 4.364)	<0.001	4.451 (4.440 to 4.461)	<0.001	4.574 (4.572 to 4.576)	<0.001	4.594 (4.590 to 4.599)	<0.001
85-89	5.448 (5.443 to 5.453)	<0.001	5.417 (5.401 to 5.434)	<0.001	6.170 (6.167 to 6.172)	<0.001	6.294 (6.287 to 6.302)	<0.001
90-94	6.246 (6.238 to 6.254)	<0.001	6.016 (5.991 to 6.040)	<0.001	7.158 (7.154 to 7.161)	<0.001	7.351 (7.340 to 7.363)	<0.001
95 plus	6.667 (6.654 to 6.679)	<0.001	6.171 (6.130 to 6.211)	<0.001	7.629 (7.624 to 7.635)	<0.001	7.873 (7.854 to 7.893)	<0.001
Period								
1990	0.682 (0.682 to 0.683)	<0.001	0.640 (0.638 to 0.642)	<0.001	0.653 (0.653 to 0.653)	<0.001	0.613 (0.612 to 0.614)	<0.001
1995	0.782 (0.781 to 0.782)	<0.001	0.767 (0.765 to 0.769)	<0.001	0.759 (0.759 to 0.760)	<0.001	0.741 (0.740 to 0.742)	<0.001
2000	0.887 (0.887 to 0.888)	<0.001	0.879 (0.878 to 0.881)	<0.001	0.874 (0.874 to 0.875)	<0.001	0.861 (0.861 to 0.862)	<0.001
2005	1.002 (1.001 to 1.003)	<0.001	0.993 (0.991 to 0.994)	<0.001	1.001 (1.000 to 1.001)	<0.001	0.989 (0.988 to 0.990)	<0.001
2010	1.128 (1.127 to 1.129)	<0.001	1.138 (1.136 to 1.139)	<0.001	1.144 (1.143 to 1.144)	<0.001	1.152 (1.151 to 1.153)	<0.001
2015	1.279 (1.279 to 1.280)	<0.001	1.327 (1.325 to 1.330)	<0.001	1.318 (1.317 to 1.318)	<0.001	1.369 (1.368 to 1.370)	<0.001
2020	1.461 (1.460 to 1.462)	<0.001	1.547 (1.543 to 1.550)	<0.001	1.530 (1.529 to 1.530)	<0.001	1.637 (1.636 to 1.639)	<0.001
Cohort								
1895-1899	2.981 (2.96 to 3.002)	<0.001	2.991 (2.891 to 3.094)	<0.001	3.398 (3.388 to 3.407)	<0.001	3.235 (3.193 to 3.277)	<0.001
1900-1904	2.593 (2.583 to 2.602)	<0.001	2.558 (2.522 to 2.594)	<0.001	2.893 (2.889 to 2.897)	<0.001	2.823 (2.808 to 2.838)	<0.001
1905-1909	2.269 (2.264 to 2.274)	<0.001	2.248 (2.229 to 2.268)	<0.001	2.486 (2.483 to 2.488)	<0.001	2.498 (2.490 to 2.507)	<0.001
1910-1914	1.989 (1.985 to 1.993)	<0.001	1.979 (1.965 to 1.993)	<0.001	2.144 (2.142 to 2.146)	<0.001	2.167 (2.161 to 2.173)	<0.001

1915-1919	1.743 (1.740 to 1.746)	<0.001	1.730 (1.720 to 1.741)	<0.001	1.856 (1.855 to 1.857)	<0.001	1.888 (1.884 to 1.893)	<0.001
1920-1924	1.532 (1.530 to 1.534)	<0.001	1.516 (1.508 to 1.524)	<0.001	1.612 (1.611 to 1.613)	<0.001	1.645 (1.642 to 1.649)	<0.001
1925-1929	1.340 (1.338 to 1.342)	<0.001	1.333 (1.327 to 1.339)	<0.001	1.395 (1.394 to 1.396)	<0.001	1.435 (1.432 to 1.438)	<0.001
1930-1934	1.174 (1.172 to 1.175)	<0.001	1.177 (1.172 to 1.182)	<0.001	1.212 (1.211 to 1.212)	<0.001	1.254 (1.252 to 1.256)	<0.001
1935-1939	1.040 (1.039 to 1.041)	<0.001	1.051 (1.047 to 1.054)	<0.001	1.061 (1.060 to 1.062)	<0.001	1.099 (1.098 to 1.101)	<0.001
1940-1944	0.926 (0.925 to 0.927)	<0.001	0.944 (0.941 to 0.947)	<0.001	0.928 (0.927 to 0.928)	<0.001	0.960 (0.959 to 0.962)	<0.001
1945-1949	0.826 (0.825 to 0.827)	<0.001	0.849 (0.846 to 0.851)	<0.001	0.812 (0.812 to 0.813)	<0.001	0.837 (0.836 to 0.838)	<0.001
1950-1954	0.741 (0.740 to 0.742)	<0.001	0.755 (0.753 to 0.757)	<0.001	0.714 (0.714 to 0.715)	<0.001	0.725 (0.724 to 0.726)	<0.001
1955-1959	0.661 (0.660 to 0.662)	<0.001	0.666 (0.664 to 0.668)	<0.001	0.626 (0.625 to 0.626)	<0.001	0.625 (0.624 to 0.626)	<0.001
1960-1964	0.576 (0.575 to 0.577)	<0.001	0.583 (0.581 to 0.585)	<0.001	0.537 (0.537 to 0.538)	<0.001	0.537 (0.536 to 0.538)	<0.001
1965-1969	0.512 (0.511 to 0.513)	<0.001	0.512 (0.51 to 0.514)	<0.001	0.469 (0.469 to 0.470)	<0.001	0.462 (0.461 to 0.463)	<0.001
1970-1974	0.448 (0.446 to 0.449)	<0.001	0.447 (0.444 to 0.449)	<0.001	0.404 (0.404 to 0.405)	<0.001	0.394 (0.392 to 0.395)	<0.001
1975-1979	0.390 (0.389 to 0.392)	<0.001	0.385 (0.382 to 0.389)	<0.001	0.347 (0.346 to 0.348)	<0.001	0.332 (0.330 to 0.333)	<0.001
1980-1984	0.340 (0.337 to 0.343)	<0.001	0.328 (0.322 to 0.335)	<0.001	0.299 (0.297 to 0.301)	<0.001	0.279 (0.275 to 0.283)	<0.001
AIC	21.522		25.477		44.971		47.839	
BIC	293.337		753.730		2125.404		2493.627	
Deviance	514.878		975.271		2346.945		2715.168	

Abbreviations: RR, relative risk; CI, confidence interval; AIC, Akaike information criterion; BIC, Bayesian information criterion.

Table S11 The global Moran's *I* indices for ASIR, ASPR and ASDR in 1990 and 2021

ASR	Year	Global Moran's *I*	*Z*	*p*
ASIR	1990	0.359	13.760	<0.001
	2021	0.358	13.724	<0.001
ASPR	1990	0.456	17.455	<0.001
	2021	0.441	16.864	<0.001
ASDR	1990	0.422	16.161	<0.001
	2021	0.397	15.221	<0.001

Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; DALYs, disability-adjusted life-years.

Table S12 The Hot-Cold Spots analysis for ASIR, ASPR and ASDR in 1990 and 2021

ASR	Year	Hot/Cold spots	CI	Location
Incidence	1990	Hot spots	99%	France, Luxembourg, Denmark, Djibouti, Slovenia, Eritrea, Republic of Moldova, Ethiopia, Serbia, Romania, Bosnia and Herzegovina, North Macedonia, Czechia, Albania, Hungary, Turkmenistan, Slovakia, Lithuania, Georgia, Azerbaijan, Estonia, Armenia, United Kingdom, Latvia, Montenegro, Bulgaria, Italy, Croatia, Belarus, Ukraine, Israel, Poland, Andorra, Cyprus, Ireland, Malta, Monaco, United Arab Emirates, Austria, Greece, San Marino, Switzerland, Saudi Arabia, Netherlands, Qatar, Egypt, Oman, Jordan, Bahrain, Sudan, Iraq, Belgium, Iran (Islamic Republic of), Kuwait, Syrian Arab Republic, Lebanon, Yemen, Germany, Turkey, Canada
			95%	Uzbekistan, Somalia, Spain, Portugal, Finland, Iceland, Norway, Sweden, Greenland, United States Virgin Islands
			90%	Libya
		Cold spots	99%	Nigeria, Ghana, Liberia, Sao Tome and Principe, Guinea-Bissau, Côte d'Ivoire, Cameroon, Togo, Mali, Senegal, Cabo Verde, Ecuador, Guinea, Niger, Mauritania, Sierra Leone, Gambia, Benin, Burkina Faso, Saint Kitts and Nevis, Guyana, Antigua and Barbuda, United States of America, Saint Lucia, Dominican Republic, Dominica, Grenada, Bermuda, Puerto Rico, Trinidad and Tobago, Haiti, Suriname, Panama, Jamaica, Sri Lanka, Costa Rica, Colombia, Nicaragua, Kiribati, Congo, Gabon, Venezuela (Bolivarian Republic of), Equatorial Guinea, Algeria
			95%	Cuba, Bahamas, Barbados, Saint Vincent and the Grenadines, Honduras, Democratic Republic of the Congo, Morocco
			90%	Bangladesh, Nepal, Myanmar, Central African Republic
	2021	Hot spots	99%	Luxembourg, France, Ethiopia, Djibouti, Eritrea, Turkmenistan, Azerbaijan, Slovenia, Slovakia, San Marino, North Macedonia, Czechia, Romania, Hungary, Serbia, Montenegro, Bosnia and Herzegovina, Republic of Moldova, Bulgaria, Albania, Croatia, Lithuania, Estonia, Israel, Switzerland, United Arab Emirates, Monaco, Malta, Georgia, Armenia, Poland, Latvia, Ukraine, Austria, Belarus, Cyprus, Greece, Saudi Arabia, Belgium, Netherlands, Oman, Sudan, Egypt, Qatar, Iraq, Syrian Arab Republic, Bahrain, Kuwait, Yemen, Iran (Islamic Republic of), Jordan, Italy, Turkey, Lebanon, Germany
			95%	Denmark, United Kingdom, Finland, Democratic People's Republic of Korea, Andorra, Norway, Republic of Korea, Sweden, Canada
			90%	Spain, Uzbekistan, Somalia, Ireland, Greenland
		Cold spots	99%	Nigeria, Sao Tome and Principe, Ghana, Liberia, Cameroon, Benin, Côte d'Ivoire, Senegal, Guinea-Bissau, Mauritania, Gambia, Cabo Verde, Togo, Niger, Guinea, Mali, Sierra Leone, Burkina Faso, Ecuador, Sri Lanka, Congo, Gabon, Equatorial Guinea, Morocco, Algeria
			95%	Cuba, Saint Kitts and Nevis, Barbados, United States of America, Haiti, Antigua and Barbuda, Bahamas, Saint Lucia, Guyana, Saint Vincent and the Grenadines, Dominica, Puerto Rico, Grenada, Bermuda, Trinidad and Tobago, Dominican Republic, Suriname, Jamaica, Panama, Costa Rica, Colombia, Nicaragua, Kiribati, Venezuela (Bolivarian Republic of), Democratic Republic of the Congo, Central African Republic
			90%	Honduras
Prevalence	1990	Hot spots	99%	Luxembourg, France, United Kingdom, Republic of Moldova, Slovenia, Serbia, Ethiopia, Djibouti, Romania, Bosnia and Herzegovina, North Macedonia, Turkmenistan, Eritrea, Czechia, Hungary, Albania, Slovakia, Azerbaijan, Lithuania, Georgia, Armenia, Montenegro, Bulgaria, Latvia, Belarus, Croatia, Ukraine, Israel, Poland, Cyprus, Italy, Malta, Monaco, Austria, Greece, San Marino, Netherlands, Switzerland, United Arab Emirates, Saudi Arabia, Egypt, Qatar, Jordan, Oman, Belgium, Bahrain, Sudan, Iraq, Iran (Islamic Republic of), Germany, Syrian Arab Republic, Kuwait, Lebanon, Yemen, Turkey, Canada

			95%	Denmark, Uzbekistan, Somalia, Estonia, Andorra, Ireland, Greenland, United States Virgin Islands
			90%	Portugal, Spain, Finland, Sweden, Norway, Afghanistan, Libya
		Cold spots	99%	Nigeria, Ghana, Liberia, Sao Tome and Principe, Guinea-Bissau, Cameroon, Côte d'Ivoire, Togo, Mali, Senegal, Cabo Verde, Ecuador, Guinea, Mauritania, Sierra Leone, Niger, Gambia, Benin, Burkina Faso, Cuba, Saint Kitts and Nevis, Guyana, Antigua and Barbuda, United States of America, Dominican Republic, Saint Lucia, Dominica, Grenada, Puerto Rico, Bermuda, Trinidad and Tobago, Haiti, Suriname, Panama, Jamaica, Costa Rica, Colombia, Nicaragua, Kiribati, Venezuela (Bolivarian Republic of), Congo, Gabon, Equatorial Guinea, Algeria
			95%	Bahamas, Barbados, Saint Vincent and the Grenadines, Honduras, Sri Lanka, Morocco
			90%	Bangladesh, Kyrgyzstan
	2021	Hot spots	99%	Ethiopia, Eritrea, Djibouti, Turkmenistan, San Marino, Azerbaijan, Slovakia, Slovenia, North Macedonia, Israel, Romania, Hungary, Czechia, Serbia, Montenegro, Republic of Moldova, Bosnia and Herzegovina, Malta, Bulgaria, Poland, Croatia, Lithuania, Albania, Ukraine, Georgia, Armenia, United Arab Emirates, Austria, Latvia, Cyprus, Belarus, Greece, Saudi Arabia, Egypt, Oman, Sudan, Qatar, Syrian Arab Republic, Italy, Iraq, Bahrain, Kuwait, Iran (Islamic Republic of), Yemen, Jordan, Turkey, Lebanon
			95%	Luxembourg, France, Somalia, Democratic People's Republic of Korea, Monaco, Switzerland, Estonia, Belgium, Netherlands, Republic of Korea, Canada, Germany
			90%	Denmark, United Kingdom, Uzbekistan, Greenland
		Cold spots	99%	Nigeria, Sao Tome and Principe, Ghana, Liberia, Cameroon, Benin, Côte d'Ivoire, Senegal, Guinea-Bissau, Mauritania, Gambia, Togo, Guinea, Niger, Mali, Cabo Verde, Sierra Leone, Burkina Faso, Ecuador, Congo, Gabon, Equatorial Guinea, Morocco, Algeria
			95%	Cuba, Saint Kitts and Nevis, Haiti, United States of America, Antigua and Barbuda, Guyana, Saint Lucia, Dominica, Grenada, Puerto Rico, Trinidad and Tobago, Bermuda, Dominican Republic, Suriname, Jamaica, Panama, Costa Rica, Sri Lanka, Colombia, Nicaragua, Kiribati, Venezuela (Bolivarian Republic of)
			90%	Barbados, Bahamas, Saint Vincent and the Grenadines, Honduras, Kyrgyzstan, Democratic Republic of the Congo, Central African Republic
DALYs	1990	Hot spots	99%	Maldives, El Salvador, Guatemala, Sri Lanka, Uruguay, Republic of Moldova, Lithuania, Montenegro, Tajikistan, Uganda, Greece, Ireland, Kiribati, Cook Islands, Sweden, Austria, United Republic of Tanzania, Monaco, Iceland, Viet Nam, New Zealand, Paraguay, Ethiopia, Lebanon, Finland, Norway, Jordan, Iraq, Egypt, Tokelau, Cyprus, Morocco, Saudi Arabia, Iran (Islamic Republic of), United Arab Emirates, Italy, Tunisia, Libya, Republic of Korea
			95%	Timor-Leste, Georgia, Estonia, Latvia, Turkmenistan, South Africa, Croatia, Azerbaijan, Northern Mariana Islands, American Samoa, Zimbabwe, Comoros, Rwanda, Australia, Malta, Malaysia, Nauru, Switzerland, Marshall Islands, Mozambique, Djibouti, Spain, Yemen, Congo
			90%	Niger, Mauritania, Suriname, Singapore, Haiti, Jamaica, Kenya, San Marino, Solomon Islands, Israel, Palau, Eritrea, Portugal, Andorra, Canada, Japan, Bahrain
		Cold spots	99%	Nepal, Bangladesh, Bolivia (Plurinational State of), Nigeria, Ghana, Bhutan, Cabo Verde, Guyana, Sierra Leone, Cuba, Liberia, Mexico, Guinea, Pakistan, Sao Tome and Principe, Chad, Saint Kitts and Nevis, Barbados, Bahamas, Benin, Togo, Saint Lucia, Luxembourg, Antigua and Barbuda, Guinea-Bissau, Indonesia, Chile, Mali, North Macedonia, Uzbekistan, Slovenia, Romania, Bulgaria, Bosnia and Herzegovina, Albania, Thailand, Russian Federation, Poland, Cambodia, Vanuatu, Brazil
			95%	Costa Rica, Armenia, United Kingdom, Mauritius, Tuvalu, Belgium, Turkey
			90%	Myanmar, Tonga, Qatar
	2021	Hot spots	99%	Nicaragua, Chile, France, Argentina, Republic of Moldova, North Macedonia, Uruguay, San Marino, Slovakia, Kyrgyzstan, Palau, Mauritius, United Kingdom, Seychelles, Tajikistan, Albania, Latvia, Papua New Guinea, Belarus, Thailand, Ukraine, Brunei Darussalam, Cook Islands, Australia, Kuwait, Lebanon, Comoros, Iraq, Algeria, Djibouti,

		Rwanda, Brazil, China
	95%	Lithuania, Russian Federation, Armenia, Uganda, Tuvalu, Saudi Arabia, Samoa, Oman, Netherlands, Viet Nam, Kenya, Libya, Afghanistan
	90%	Maldives, Congo
Cold spots	99%	Mexico, United States Virgin Islands, Cuba, Sierra Leone, Sao Tome and Principe, India, Liberia, Guyana, Saint Kitts and Nevis, Luxembourg, Cabo Verde, Nigeria, Bangladesh, Nepal, Chad, Antigua and Barbuda, Bahamas, Saint Vincent and the Grenadines, Barbados, Trinidad and Tobago, Benin, Saint Lucia, Puerto Rico, Guinea, Haiti, Guatemala, Mali, Madagascar, Uzbekistan, Kazakhstan, Turkmenistan, Serbia, Bulgaria, Georgia, Timor-Leste, Mongolia, Estonia, South Africa, Philippines
	95%	Burkina Faso, Colombia, Hungary, Romania, Fiji, Mozambique
	90%	Bolivia (Plurinational State of), American Samoa

Abbreviations: ASIR, ASR of incidence; ASPR, ASR of prevalence; ASDR, ASR of DALYs; ASR, age-standardized rate; CI, confidence interval; DALYs, disability-adjusted life-years.

Table S13 Decomposition analysis on DALYs of ADODs in 5 SDI quintiles and China

Location	Overall difference	Aging (%)	Population (%)	Prevalence (%)	Case fatality and disease severity (%)
High SDI	6553670.57	2874201.58 (43.86%)	3954433.14 (60.34%)	-314718.40 (-4.8%)	39754.24 (0.61%)
High-middle SDI	5693390.93	1707808.26 (30.00%)	3711137.58 (65.18%)	692258.71 (12.16%)	-417813.62 (-7.34%)
Middle SDI	7165516.85	1829503.31 (25.53%)	5097221.37 (71.14%)	640096.86 (8.93%)	-401304.69 (-5.60%)
Low-middle SDI	2567455.22	416325.33 (16.22%)	1972113.48 (76.81%)	-83843.93 (-3.27%)	262860.34 (10.24%)
Low SDI	764905.94	18635.31 (2.44%)	701372.25 (91.69%)	-43694.60 (-5.71%)	88592.98 (11.58%)
China	7369993.39	2586505.39 (35.10%)	4540664.99 (61.61%)	1469573.98 (19.94%)	-1226750.98 (-16.65%)

Abbreviations: DALYs, disability-adjusted life-years; ADODs, Alzheimer's disease and other dementias; SDI, sociodemographic index.

Table S14 Health inequality metrics in 1990 and 2021 globally

Health inequality metrics	Year	Value	95% CI
SII	1990	318.19	266.94 to 369.44
	2021	759.97	674.17 to 845.77
CIX	1990	0.43	0.41 to 0.44
	2021	0.49	0.47 to 0.52

Abbreviations: SII, slope index of inequality; CIX, concentration index; CI, confidence interval.