

Supplementary materials Table 1 The case number and ASR of prevalence of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by global, SDI and 21 regions.

Location name	1990		2021		1990-2021		
	Case number (95% UI)	ASR (95% UI)	Case number (95% UI)	ASR (95% UI)	EAPC (95% CI)	RC of numbe rs (%)	RC of ASR (%)
Global	56291561.430 (48604077.032-65372726.094)	1513.049 (1311.799-1745.718)	113711840.637 (98498937.068-131217769.060)	1326.454 (1153.781-1526.530)	-0.47 (-0.50, -0.44)	102.01	-12.33
SDI							
High SDI	25355601.866 (21911788.582-29217515.213)	2280.937 (1976.797-2632.844)	38744678.906 (34245798.248-43988931.346)	1828.901 (1608.780-2079.202)	-0.80 (-0.89, -0.71)	52.81	-19.82
High-middle le SDI	13784852.855 (11885089.138-16043130.343)	1452.182 (1254.326-1678.637)	27637039.613 (23778493.350-31992958.539)	1386.506 (1195.698-1603.013)	-0.18 (-0.20, -0.15)	100.49	-4.52
Middle SDI	10791311.341 (9213339.067-12611115.452)	1124.727 (972.504-1300.120)	30826727.346 (26443154.449-35816398.467)	1160.240 (998.840-1342.736)	0.04 (0.01, 0.07)	185.66	3.16
Low-middle e SDI	4853820.244 (4136191.348-5685307.390)	874.075 (752.594-1019.064)	12830804.166 (10991951.273-14966416.433)	942.246 (814.936-1095.949)	0.22 (0.20, 0.24)	164.34	7.8
Low SDI	1453104.734 (1232546.418-1705038.133)	726.430 (628.137-843.935)	3582483.223 (3048333.656-4192951.190)	777.977 (670.554-906.978)	0.22 (0.20, 0.23)	146.54	7.1
Regions							
Andean	128144.497 (110683.811-149499.368)	665.388 (578.442-774.178)	420836.215 (362414.903-491143.467)	725.458 (624.767-848.086)	0.32 (0.29, 0.34)	228.41	9.03
Australasia	388269.672 (334368.655-450679.839)	1658.007 (1435.787-1922.526)	644855.225 (555212.906-750912.829)	1193.250 (1026.598-1383.673)	-1.22 (-1.32, -1.12)	66.08	-28.03
Caribbean	221964.289 (191356.587-258790.362)	881.007 (760.868-1025.038)	503767.411 (435558.863-583347.059)	929.389 (802.353-1076.872)	0.17 (0.16, 0.18)	126.96	5.49
Central Asia	395000.102 (341479.740-459430.836)	893.615 (774.988-1040.774)	747389.120 (643468.353-872739.316)	975.895 (848.308-1136.794)	0.38 (0.31, 0.45)	89.21	9.21
Central Europe	1612060.670 (1379394.858-1877615.843)	1102.684 (949.142-1279.895)	2476325.475 (2131442.482-2863685.249)	1097.487 (942.284-1272.645)	-0.02 (-0.05, 0.00)	53.61	-0.47

Central	752051.100	975.467	2294591.811	934.464	-0.15		
Latin	(646688.336-876	(842.187-1	(1976827.751-266	(806.839-1	(-0.17,	205.11	-4.2
America	156.837)	136.329)	3663.933)	085.167)	-0.13)		
Central	143879.530	753.399	366670.642	772.876	0.07		
Sub-Sahara	(122238.585-169	(651.742-8	(312142.624-4310	(667.540-9	(0.05,0	154.85	2.59
n Africa	812.247)	80.232)	35.281)	00.076)	.08)		
	10242295.579	1256.180	29614169.931	1336.751	0.10		
East Asia	(8661558.503-12	(1085.736-	(25445754.489-34	(1156.001-	(0.04,0	189.14	6.41
	009618.446)	1453.951)	511057.553)	1548.906)	.16)		
	3033132.242	1113.135	4410328.334	1235.728	0.48		
Eastern	(2613925.780-35	(956.959-1	(3832268.198-511	(1071.245-	(0.42,0	45.41	11.01
Europe	39567.806)	292.052)	3474.100)	1428.621)	.54)		
Eastern	445074.235	682.914	1087519.829	721.339	0.18		
Sub-Sahara	(378380.250-522	(591.550-7	(925851.420-1276	(621.198-8	(0.17,0	144.35	5.63
n Africa	632.342)	99.173)	944.822)	44.879)	.19)		
High-inco	3812420.585	1923.005	6051973.760	1262.428	-1.57		
me Asia	(3312519.866-44	(1673.529-	(5262170.802-700	(1091.557-	(-1.65,	58.74	-34.35
Pacific	11129.527)	2215.396)	4085.159)	1461.784)	-1.48)		
High-inco	9519327.969	2683.221	16414011.617	2486.477	-0.21		
me North	(8191957.676-10	(2319.172-	(14684927.860-18	(2230.382-	(-0.34,	72.43	-7.33
America	999968.278)	3103.783)	336190.072)	2766.930)	-0.09)		
North	1334295.765	869.754	4446618.340	1035.231	0.61		
Africa and	(1146807.547-15	(753.284-1	(3813054.859-517	(897.506-1	(0.58,0	233.26	19.03
Middle	65287.073)	011.559)	9552.784)	203.815)	.64)		
East	29337.066	1110.069	83822.553	1206.902	0.27		
Oceania	(24817.371-3444	(959.206-1	(71436.335-98166	(1041.505-	(0.23,0	185.72	8.72
	3.364)	292.102)	.639)	1404.783)	.32)		
	4175776.505	808.064	12208764.335	873.439	0.21		
South Asia	(3553590.314-48	(695.551-9	(10456449.256-14	(754.914-1	(0.18,0	192.37	8.09
	87534.019)	38.462)	263158.182)	014.116)	.24)		
	3069731.552	1291.256	8856844.075	1387.458	0.27		
Southeast	(2624279.758-35	(1110.707-	(7562694.077-103	(1195.189-	(0.23,0	188.52	7.45
Asia	73865.000)	1493.878)	44756.298)	1606.784)	.31)		
Southern	752386.629	1659.880	1316214.001	1493.418	-0.39		
Latin	(651021.723-878	(1443.806-	(1149305.579-151	(1306.680-	(-0.45,	74.94	-10.03
America	064.790)	1925.163)	9227.548)	1725.777)	-0.34)		
Southern	284755.146	1149.478	553683.273	1041.952	-0.40		
Sub-Sahara	(243344.200-331	(994.374-1	(473668.984-6479	(904.107-1	(-0.45,	94.44	-9.35
n Africa	315.015)	329.879)	35.540)	208.095)	-0.36)		
Tropical	882980.544	1048.098	2321327.569	913.602	-0.53		
Latin	(756887.136-102	(906.481-1	(2003435.594-269	(789.447-1	(-0.56,	162.9	-12.83
America	7446.873)	218.326)	8875.751)	063.416)	-0.50)		
Western	14530807.891	2493.041	17557850.212	1873.534	-1.08	20.83	-24.85

Europe	(12632466.470-1 6747687.958)	(2171.499- 2871.751)	(15291189.250-20 290334.832)	(1625.697- 2169.455)	(-1.16, -0.99)		
Western	537869.862	678.289	1334276.907	749.384	0.36		
Sub-Sahara n Africa	(459650.879-629 060.118)	(587.147-7 92.348)	(1141625.445-155 8018.903)	(646.621-8 69.335)	(0.35,0 .38)	148.07	10.48

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

Supplementary materials Table 2 The case number and ASR of incidence of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by global, SDI and 21 regions.

Location name	1990		2021		1990-2021		RC of number s (%)	RC of ASR (%)
	Case number (95% UI)	ASR (95% UI)	Case number (95% UI)	ASR (95% UI)	EAPC (95% CI)			
Global	5099358.844 (4405260.641-5911258.624)	130.333 (112.752-149.435)	10038811.410 (8689418.240-11601743.951)	115.445 (100.043-132.716)	-0.43 (-0.45,-0.40)		96.86	-11.42
SDI								
High SDI	2127669.140 (1837740.520-2430887.270)	192.042 (166.777-220.097)	3134025.226 (2756770.664-3541205.946)	155.028 (135.917-175.998)	-0.77 (-0.85,-0.68)		47.3	-19.27
High-middle SDI	1239289.669 (1064965.484-1441983.305)	125.412 (108.309-144.126)	2358855.142 (2030753.681-2739528.474)	118.331 (102.244-136.914)	-0.21 (-0.23,-0.19)		90.34	-5.65
Middle SDI	1058455.912 (913810.766-1237239.085)	102.938 (88.966-119.349)	2846598.789 (2455382.125-3327287.552)	103.643 (89.394-120.125)	-0.03 (-0.06,0.00)		168.94	0.69
Low-middle SDI	509000.653 (438679.024-597988.446)	85.773 (73.939-99.924)	1301036.745 (1121542.859-1528899.710)	91.067 (78.472-105.673)	0.17 (0.15,0.19)		155.61	6.17
Low SDI	160019.154 (137359.417-189020.619)	74.313 (64.009-86.289)	390150.878 (335802.275-457454.119)	79.121 (67.953-91.729)	0.19 (0.18,0.21)		143.82	6.47
Regions								
Andean	13251.828 (11437.773-15463.703)	66.848 (57.364-77.589)	42179.338 (36319.180-49232.751)	71.803 (61.659-83.618)	0.26 (0.24,0.28)		218.29	7.41
Australasia	34547.325 (29449.912-39862.013)	145.789 (125.479-167.856)	55241.232 (47503.576-63283.000)	105.571 (90.681-121.718)	-1.22 (-1.32,-1.11)		59.9	-27.59
Caribbean	22311.509 (19084.863-25850.529)	86.663 (74.503-100.304)	48765.651 (41742.994-56530.733)	90.392 (77.277-104.913)	0.13 (0.11,0.14)		118.57	4.3
Central Asia	38573.147 (32964.821-45198.241)	85.205 (72.868-98.983)	74121.221 (63655.206-87508.137)	91.579 (78.685-106.598)	0.30 (0.25,0.35)		92.16	7.48
Central Europe	151976.352 (129844.367-177507.965)	101.550 (87.315-117.181)	219071.746 (187119.803-251763.747)	100.106 (86.232-115.640)	-0.06 (-0.08,-0.03)		44.15	-1.42

Central	77411.991	96.013	229334.112	91.723	-0.15		
Latin	(66505.574-903	(82.464-11	(196654.074-267	(78.431-10	(-0.17,-0	196.25	-4.47
America	04.981)	1.087)	246.395)	6.092)	.14)		
Central	16296.925	77.549	41650.520	79.848	0.07		
Sub-Sahara	(13937.598-193	(66.361-89	(35807.125-4902	(68.916-93	(0.04,0.	155.57	2.96
n Africa	68.880)	.726)	6.365)	.219)	10)		
	962025.650	109.846	2540397.195	112.997	0.00		
East Asia	(829954.928-11	(95.112-12	(2191826.619-29	(98.010-13	(-0.06,0.	164.07	2.87
	29309.411)	7.438)	61928.018)	1.094)	06)		
	279798.167	100.634	387836.090	110.154	0.40		
Eastern	(239581.675-32	(86.379-11	(331868.353-448	(94.977-12	(0.35,0.	38.61	9.46
Europe	7468.153)	6.117)	806.864)	7.139)	45)		
Eastern	50025.242	71.014	120847.779	74.164	0.14		
Sub-Sahara	(42900.151-589	(61.104-82	(103993.335-142	(63.791-86	(0.13,0.	141.57	4.44
n Africa	55.715)	.543)	518.821)	.115)	15)		
High-inco	329765.377	161.588	480451.782	109.314	-1.45		
me Asia	(284161.671-37	(139.677-1	(411761.565-550	(94.047-12	(-1.54,-1	45.7	-32.35
Pacific	8617.695)	84.421)	783.897)	5.700)	.36)		
High-inco	803469.964	229.803	1348047.116	207.174	-0.28		
me North	(691840.385-92	(199.716-2	(1199781.126-15	(184.794-2	(-0.40,-0	67.78	-9.85
America	0384.590)	65.027)	09649.516)	31.451)	.16)		
North	136022.102	83.049	445226.766	97.312	0.55		
Africa and	(117052.487-16	(71.248-96	(384617.771-521	(83.531-11	(0.52,0.	227.32	17.17
Middle	0692.861)	.488)	356.976)	2.920)	57)		
East	3021.579	102.915	8505.487	111.021	0.26		
Oceania	(2578.925-3584.	(89.097-12	(7298.756-10022.	(96.123-12	(0.21,0.	181.49	7.88
	471)	0.119)	491)	9.403)	30)		
	444566.156	79.912	1239966.160	84.608	0.14		
South Asia	(382340.679-52	(68.847-93	(1066815.328-14	(72.888-98	(0.11,0.	178.92	5.88
	3351.590)	.053)	54709.957)	.181)	17)		
	301397.647	118.056	832650.009	122.833	0.16		
Southeast	(260726.166-35	(102.315-1	(717917.409-977	(105.852-1	(0.12,0.	176.26	4.05
Asia	2695.840)	37.323)	111.978)	42.859)	20)		
Southern	70505.419	152.006	117169.148	134.376	-0.46		
Latin	(60858.073-816	(131.806-1	(101151.267-135	(116.166-1	(-0.52,-0	66.18	-11.6
America	60.991)	75.665)	336.874)	55.777)	.41)		
Southern	28280.728	107.255	56143.866	98.585	-0.35		
Sub-Sahara	(24418.012-328	(92.485-12	(48453.068-6595	(85.033-11	(-0.40,-0	98.52	-8.08
n Africa	12.172)	3.016)	7.184)	4.156)	.31)		
Tropical	90530.970	101.221	228299.140	88.529	-0.52		
Latin	(77885.010-106	(86.948-11	(196579.452-265	(76.163-10	(-0.55,-0	152.18	-12.54
America	066.339)	7.095)	808.896)	2.796)	.49)		
Western	1187298.664	207.629	1377303.975	158.139	-1.05	16	-23.84

Europe	(1028724.670-1 352144.777)	(180.530-2 36.568)	(1185856.658-15 74879.061)	(136.612-1 82.803)	(-1.14,-0 .96)		
Western	58282.102	69.278	145603.076	75.959	0.33		
Sub-Sahara n Africa	(50044.114-683 97.645)	(59.465-80 .714)	(125566.984-170 928.091)	(65.298-88 .247)	(0.32,0. 34)	149.82	9.64

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

Supplementary materials Table 3 The case number and ASR of deaths of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by global, SDI and 21 regions.

Location name	1990		2021		1990-2021		
	Case number (95% UI)	ASR (95% UI)	Case number (95% UI)	ASR (95% UI)	EAPC (95% CI)	RC of numbers (%)	RC of ASR (%)
Global	39204.648 (35701.318-42563.064)	1.322 (1.179-1.434)	67743.658 (59937.261-74256.510)	0.847 (0.746-0.929)	-1.65 (-1.80,-1.50)	72.79	-35.89
SDI							
High SDI	18400.643 (16711.174-19481.198)	1.701 (1.531-1.809)	32463.381 (27853.596-35213.380)	1.274 (1.110-1.377)	-1.03 (-1.29,-0.78)	76.43	-25.07
High-middle SDI	16430.751 (14912.077-18133.574)	2.130 (1.910-2.341)	20196.354 (18132.220-21791.441)	1.056 (0.943-1.141)	-2.68 (-2.86,-2.51)	22.92	-50.43
Middle SDI	2504.686 (2250.925-2735.145)	0.378 (0.333-0.413)	7950.110 (7077.602-8721.106)	0.357 (0.316-0.392)	-0.27 (-0.37,-0.18)	217.41	-5.52
Low-middle SDI	1039.149 (691.281-1554.617)	0.253 (0.167-0.376)	4446.545 (3465.722-5723.644)	0.403 (0.313-0.520)	1.55 (1.46,1.65)	327.9	59.52
Low SDI	750.670 (337.639-1464.580)	0.506 (0.223-0.997)	2536.635 (1378.082-4813.924)	0.739 (0.401-1.379)	1.31 (1.10,1.52)	237.92	46.18
Regions							
Andean Latin America	12.228 (9.700-15.004)	0.073 (0.058-0.091)	79.756 (65.416-98.666)	0.144 (0.119-0.178)	2.60 (2.19,3.01)	552.22	96.82
Australasia	707.696 (636.351-756.130)	3.315 (2.930-3.556)	1042.367 (870.063-1164.469)	1.587 (1.328-1.772)	-2.58 (-2.78,-2.37)	47.29	-52.12
Caribbean	362.773 (333.307-391.149)	1.673 (1.522-1.811)	1075.823 (935.183-1195.915)	1.925 (1.677-2.140)	0.48 (0.35,0.60)	196.56	15.05
Central Asia	94.159 (76.668-116.718)	0.234 (0.188-0.293)	300.642 (259.654-348.492)	0.479 (0.415-0.549)	2.73 (2.44,3.01)	219.29	104.53
Central Europe	3454.923 (3197.059-3723.822)	2.680 (2.470-2.893)	6537.342 (5832.626-7150.094)	2.737 (2.441-2.995)	-0.38 (-0.66,-0.11)	89.22	2.11

Central Latin America	468.124 (436.126-495.582)	0.759 (0.699-0.807)	983.605 (865.242-1097.867)	0.423 (0.372-0.471)	-2.33 (-2.72,-1.95)	110.12	-44.29
Central Sub-Saharan Africa	170.690 (79.925-314.407)	1.225 (0.568-2.276)	620.383 (345.418-1045.201)	1.781 (0.988-3.076)	1.27 (0.95,1.60)	263.46	45.4
East Asia	579.743 (428.085-729.747)	0.102 (0.075-0.127)	2376.998 (1856.401-2994.814)	0.128 (0.101-0.161)	0.79 (0.62,0.96)	310.01	25.78
Eastern Europe	10351.502 (9158.711-11890.256)	4.274 (3.735-4.887)	10038.010 (9052.795-11110.438)	2.754 (2.479-3.052)	-2.00 (-2.31,-1.70)	-3.03	-35.55
Eastern Sub-Saharan Africa	384.954 (182.723-775.172)	0.804 (0.383-1.621)	1324.831 (784.328-2462.939)	1.175 (0.695-2.150)	1.29 (1.14,1.43)	244.15	46.1
High-income Asia Pacific	636.914 (564.117-679.826)	0.385 (0.334-0.414)	2528.373 (1958.034-2886.747)	0.347 (0.278-0.390)	0.00 (-0.36,0.37)	296.97	-9.93
High-income North America	6450.744 (5720.344-6856.989)	1.756 (1.555-1.867)	12277.054 (10492.836-13377.253)	1.679 (1.450-1.821)	-0.74 (-1.08,-0.40)	90.32	-4.37
North Africa and Middle East	237.978 (164.885-334.385)	0.185 (0.129-0.259)	968.505 (775.270-1151.776)	0.286 (0.227-0.347)	2.09 (1.70,2.48)	306.97	54.46
Oceania	2.081 (1.190-3.106)	0.104 (0.064-0.152)	7.914 (4.670-11.558)	0.131 (0.079-0.190)	0.47 (0.07,0.87)	280.35	26.19
South Asia	529.139 (280.510-831.095)	0.134 (0.071-0.211)	2931.298 (1934.466-4760.272)	0.262 (0.175-0.427)	2.40 (2.21,2.59)	453.98	95.49
Southeast Asia	168.116 (135.330-201.792)	0.082 (0.066-0.099)	713.285 (563.108-916.776)	0.131 (0.105-0.164)	1.45 (1.37,1.52)	324.28	58.79
Southern Latin America	227.372 (206.995-245.245)	0.561 (0.508-0.606)	458.441 (397.725-500.419)	0.495 (0.430-0.540)	0.00 (-0.52,0.53)	101.63	-11.82
Southern Sub-Saharan Africa	298.324 (233.439-372.832)	1.318 (1.018-1.643)	957.754 (841.471-1076.491)	2.014 (1.786-2.251)	1.59 (1.34,1.85)	221.05	52.76
Tropical Latin America	1021.582 (942.138-1075.575)	1.479 (1.340-1.568)	3199.486 (2802.415-3470.343)	1.304 (1.138-1.416)	-0.63 (-0.86,-0.40)	213.19	-11.82
Western Europe	12476.513 (11319.550-131	2.114 (1.904-2.	17521.498 (14680.733-191	1.428 (1.218-1.	-1.04 (-1.36,-0	40.44	-32.42

	84.176)	242)	46.071)	559)	.72)		
Western	569.094	0.961	1800.294	1.404	1.20		
Sub-Saharan	(304.399-1124.0	(0.512-1.	(1059.191-3675.	(0.795-2.	(1.16,1.	216.34	46.05
Africa	54)	945)	690)	794)	24)		

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

Supplementary materials Table 4 The case number and ASR of DALYs of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by global, SDI and 21 regions.

	1990		2021		1990-2021			
Location name	Case number (95% UI)	ASR (95% UI)	Case number (95% UI)	ASR (95% UI)	EAPC (95% CI)	RC of number s (%)	RC of ASR (%)	
Global	912986.854	26.623	1558242.686	18.604	-1.40			
	(754643.967-1180310.734)	(22.251-33.809)	(1266994.554-2045868.953)	(15.177-24.225)	(-1.51,-1.29)	70.68	-30.12	
SDI								
High SDI	385296.421	34.576	609280.550	26.414	-0.99			
	(327163.630-485071.647)	(29.425-43.220)	(512998.805-755403.655)	(22.450-32.865)	(-1.15,-0.83)	58.13	-23.61	
High-middle SDI	352898.289	39.857	445776.856	22.525	-2.31			
	(303087.856-422183.178)	(34.188-47.064)	(378483.551-569421.599)	(19.124-28.568)	(-2.49,-2.13)	26.32	-43.48	
Middle SDI	104507.570	12.308	288673.690	11.515	-0.32			
	(73544.474-157794.234)	(8.782-18.415)	(208504.512-425369.667)	(8.331-16.851)	(-0.38,-0.26)	176.22	-6.44	
Low-middle SDI	45471.043	9.098	144645.586	11.424	0.73			
	(28340.047-71710.661)	(5.688-14.007)	(101184.335-210746.755)	(7.995-16.401)	(0.69,0.78)	218.1	25.58	
Low SDI	23192.209	12.731	67139.241	16.237	0.80			
	(11909.252-39840.805)	(6.579-21.462)	(38284.389-111935.244)	(9.308-26.933)	(0.67,0.92)	189.49	27.54	
Regions								
Andean Latin America	889.098	4.884	3242.539	5.715	0.62			
	(527.437-1556.027)	(2.902-8.584)	(2208.535-5193.662)	(3.900-9.128)	(0.47,0.77)	264.7	17.02	
Australasia	11605.147	51.060	14893.542	24.219	-2.60			
	(10354.099-13144.669)	(45.728-57.477)	(12570.414-17501.019)	(20.581-28.672)	(-2.82,-2.39)	28.34	-52.57	
Caribbean	7134.655	29.935	19086.716	34.827	0.55			
	(6351.245-8232.801)	(26.780-34.291)	(16697.326-22120.819)	(30.468-40.417)	(0.45,0.66)	167.52	16.34	
Central Asia	3752.128	8.763	8849.169	12.498	1.34			
	(2637.397-5632.766)	(6.085-13.195)	(6741.653-11979.305)	(9.589-16.933)	(1.18,1.50)	135.84	42.62	
Central Europe	69774.130	49.309	112662.813	48.732	-0.54			
	(62693.399-77950.712)	(44.347-54.855)	(100211.359-128211.178)	(43.161-55.423)	(-0.80,-0.27)	61.47	-1.17	

Central	11573.876	16.403	26454.968	11.031	-1.57		
Latin	(9482.768-1536	(13.490-2	(20210.842-3752	(8.415-15	(-1.82,-	128.57	-32.75
America	5.692)	1.464)	2.487)	.580)	1.33)		
Central	4568.755	25.736	15085.868	34.842	1.03		
Sub-Saharan	(2416.397-7943.	(13.948-4	(8807.608-24973.	(20.648-5	(0.75,1.	230.2	35.38
Africa	697)	3.848)	187)	7.778)	30)		
	65635.080	8.962	177960.974	8.345	-0.36		
East Asia	(36462.507-117	(5.051-15	(102493.267-313	(4.861-14	(-0.42,-	171.14	-6.88
	115.054)	.951)	217.100)	.340)	0.29)		
	203221.488	76.589	196427.055	54.029	-1.78		
Eastern	(177905.756-23	(66.754-8	(175823.568-221	(48.369-6	(-2.09,-	-3.34	-29.46
Europe	5918.331)	8.462)	118.020)	0.821)	1.47)		
Eastern	10314.764	17.351	31384.661	23.162	0.96		
Sub-Saharan	(5510.868-1845	(9.215-30	(19081.185-5605	(14.143-4	(0.85,1.	204.27	33.49
Africa	4.746)	.951)	4.960)	0.133)	06)		
High-incom	24878.648	13.196	54235.001	9.381	-1.12		
e Asia	(16839.175-395	(9.032-20	(39780.450-7559	(6.773-13	(-1.27,-	118	-28.91
Pacific	46.735)	.546)	3.247)	.697)	0.97)		
High-incom	134410.015	37.059	246826.023	35.595	-0.61		
e North	(114734.045-16	(31.722-4	(210427.141-301	(30.455-4	(-0.84,-	83.64	-3.95
America	7091.877)	5.993)	618.947)	3.435)	0.38)		
North Africa	11712.027	8.064	36814.353	9.411	0.76		
and Middle	(7371.373-1834	(5.044-12	(26569.001-5488	(6.767-13	(0.60,0.	214.33	16.71
East	8.494)	.606)	0.659)	.904)	92)		
	207.544	8.647	635.263	9.743	0.35		
Oceania	(115.450-357.15	(4.855-14	(365.733-1057.55	(5.483-16	(0.22,0.	206.09	12.67
	2)	.952)	6)	.769)	48)		
	31987.037	6.884	111436.599	8.594	0.75		
South Asia	(17891.448-542	(3.872-11	(70831.892-1747	(5.567-13	(0.70,0.	248.38	24.84
	64.246)	.603)	39.677)	.374)	80)		
	20052.602	9.188	58569.075	9.824	0.24		
Southeast	(11445.549-358	(5.201-16	(34661.661-9950	(5.738-16	(0.19,0.	192.08	6.92
Asia	24.919)	.414)	8.677)	.886)	28)		
Southern	7251.921	16.384	12352.004	13.640	-0.42		
Latin	(5383.445-1077	(12.261-2	(9323.249-17716.	(10.281-1	(-0.68,-	70.33	-16.75
America	5.357)	3.958)	730)	9.594)	0.16)		
Southern	8199.442	32.180	24471.162	44.689	1.28		
Sub-Saharan	(6466.880-1004	(24.964-3	(21199.329-2818	(38.673-5	(1.04,1.	198.45	38.87
Africa	8.288)	9.439)	8.619)	1.673)	52)		
Tropical	24191.285	30.296	67306.630	26.694	-0.67		
Latin	(21502.018-284	(26.804-3	(59382.593-7830	(23.427-3	(-0.87,-	178.23	-11.89
America	92.884)	5.477)	4.804)	1.026)	0.47)		
Western	248233.696	41.379	299971.352	27.824	-1.14		
Europe	(210913.850-31	(35.234-5	(248954.999-371	(23.109-3	(-1.37,-	20.84	-32.76

	0872.646)	1.512)	125.179)	4.898)	0.91)		
Western	13393.518	18.843	39576.919	25.671	0.98		
Sub-Saharan	(7455.504-2415	(10.574-3	(24322.721-7225	(15.484-4	(0.94,1.	195.49	36.24
Africa	7.993)	3.983)	3.423)	7.295)	01)		

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

Supplementary materials Table 5 The case number and ASR of prevalence of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by 204 countries and territories.

Location name	1990		2021		1990-2021		
	Case number (95% UI)	ASR (95% UI)	Case number (95% UI)	ASR (95% UI)	EAPC (95% CI)	RC of numbe rs (%)	RC of ASR (%)
Afghanistan	43490.679	673.732	78693.900	892.382	1.02		
	(37077.098-513	(582.456-7	(66931.323-9177	(771.867-1	(0.97,	80.94	32.45
	65.373)	89.782)	6.790)	039.830)	1.07)		
Albania	19067.484	982.260	46053.660	1042.566	0.20		
	(16192.314-222	(844.841-1	(39764.309-5389	(904.962-1	(0.17,	141.53	6.14
	50.916)	146.526)	6.877)	210.666)	0.24)		
Algeria	102194.110	889.013	358299.767	1043.486	0.47		
	(86645.612-121	(765.820-1	(305558.466-416	(898.102-1	(0.44,	250.61	17.38
	165.789)	036.254)	406.899)	212.550)	0.50)		
American Samoa	284.443	1387.691	758.596	1619.609	0.47		
	(242.659-331.6	(1197.972-	(648.812-879.43	(1404.714-	(0.34,	166.69	16.71
	42)	1608.833)	1)	1871.166)	0.60)		
Andorra	1259.126	2239.599	2870.893	1832.283	-0.73		
	(1090.033-1455	(1942.991-	(2486.933-3316.	(1587.354-	(-0.82,	128.01	-18.1
	.757)	2574.915)	718)	2123.356)	-0.65)		9
Angola	25186.790	778.874	85350.463	842.154	0.25		
	(21339.702-298	(671.963-9	(72767.822-1000	(724.825-9	(0.23,	238.87	8.12
	13.411)	13.198)	71.678)	81.069)	0.26)		
Antigua and Barbuda	440.656	802.962	925.427	891.047	0.30		
	(379.712-517.4	(688.667-9	(783.492-1088.1	(769.608-1	(0.27,	110.01	10.97
	60)	45.292)	43)	042.221)	0.33)		
Argentina	529844.187	1671.164	843215.457	1488.951	-0.40		
	(456772.852-61	(1454.793-	(734952.119-973	(1297.847-	(-0.46,	59.14	-10.9
	8015.257)	1938.154)	698.100)	1716.741)	-0.35)		
Armenia	24516.400	957.654	46184.722	1057.897	0.39		
	(21092.872-285	(825.077-1	(39705.201-5412	(911.359-1	(0.35,	88.38	10.47
	95.740)	106.854)	7.520)	240.080)	0.43)		
Australia	321450.369	1648.424	543104.612	1192.554	-1.22		
	(276610.150-37	(1426.715-	(467009.259-631	(1025.895-	(-1.32,	68.95	-27.6
	3615.317)	1914.198)	439.409)	1379.559)	-1.12)		5
Austria	255040.774	2132.386	350502.022	1916.143	-0.37		
	(221332.342-29	(1851.121-	(303056.026-402	(1645.023-	(-0.43,	37.43	-10.1
	3419.032)	2441.412)	482.403)	2202.912)	-0.30)		4
Azerbaijan	40653.017	875.376	95818.132	1000.752	0.53		
	(34749.089-475	(757.367-1	(82353.813-1129	(867.070-1	(0.44,	135.7	14.32

	52.488)	017.288)	40.941)	168.009)	0.61)		
	1183.351	821.220	3348.414	860.938	0.14		
Bahamas	(1008.672-1390.443)	(704.767-966.013)	(2872.759-3901.153)	(736.635-1002.794)	(0.13, 0.15)	182.96	4.84
	1583.268	1046.036	10708.071	1231.337	0.48		
Bahrain	(1328.184-1857.101)	(900.825-1212.015)	(9029.595-12578.497)	(1064.449-1436.046)	(0.43, 0.54)	576.33	17.71
	320882.971	737.425	1041867.787	779.889	0.16		
Bangladesh	(275513.617-374244.057)	(635.034-855.798)	(900481.418-1221195.499)	(677.245-910.076)	(0.11, 0.21)	224.69	5.76
	2470.044	819.662	4602.723	878.532	0.22		
Barbados	(2114.827-2909.390)	(701.560-950.599)	(3949.551-5410.040)	(758.777-1027.190)	(0.18, 0.26)	86.34	7.18
	127327.089	991.685	171328.711	1054.725	0.22		
Belarus	(109267.045-148738.100)	(851.391-1153.159)	(149125.582-199799.372)	(917.287-1224.475)	(0.20, 0.23)	34.56	6.36
	356358.839	2306.995	457880.693	1956.118	-0.64		
Belgium	(311039.509-412646.880)	(2012.954-2658.008)	(395482.247-525746.581)	(1691.135-2256.201)	(-0.70, -0.59)	28.49	-15.21
	701.585	770.298	2339.172	828.860	0.23		
Belize	(609.338-818.651)	(668.684-899.893)	(2014.210-2717.794)	(717.535-958.315)	(0.21, 0.24)	233.41	7.6
	13094.853	707.953	35402.272	753.599	0.22		
Benin	(11292.474-15352.677)	(614.481-825.386)	(30283.684-41692.000)	(654.326-879.477)	(0.19, 0.24)	170.35	6.45
	484.221	800.632	1186.758	842.417	0.14		
Bermuda	(417.412-557.557)	(692.890-923.689)	(1013.155-1378.409)	(724.626-976.016)	(0.13, 0.15)	145.09	5.22
	1485.789	701.945	4454.273	762.433	0.28		
Bhutan	(1279.383-1747.077)	(609.696-819.224)	(3848.876-5197.116)	(659.102-888.134)	(0.26, 0.30)	199.79	8.62
Bolivia	21231.910	726.602	62092.393	718.792	-0.03		
(Plurinational State of)	(18258.918-24847.794)	(627.016-847.152)	(52897.959-73237.512)	(619.494-842.039)	(-0.07, 0.02)	192.45	-1.07
	38660.076	1003.078	78289.377	1242.145	0.83		
Bosnia and Herzegovina	(33215.009-45370.304)	(867.398-1166.738)	(67609.791-91324.337)	(1075.822-1440.243)	(0.78, 0.88)	102.51	23.83
	4678.573	962.418	13638.850	1041.932	0.24		
Botswana	(3969.588-5528.742)	(827.709-1124.793)	(11657.382-15959.235)	(898.626-1217.816)	(0.18, 0.29)	191.52	8.26
	863268.035	1051.178	2269034.927	913.243	-0.54		
Brazil	(739904.942-1004698.980)	(909.188-1222.135)	(1958623.453-2637527.988)	(789.381-1063.056)	(-0.57, -0.51)	162.84	-13.12
Brunei	1777.002	1889.713	4353.464	1348.831	-1.27	144.99	-28.6

Darussalam	(1540.785-2036 .587)	(1639.282- 2177.042)	(3774.020-5073. 134)	(1167.886- 1561.872)	(-1.33, -1.21)		2
	121831.063	1004.933	154836.148	1057.898	0.21		
Bulgaria	(103267.483-14 3286.293)	(870.665-1 173.917)	(133641.399-181 375.983)	(911.809-1 230.073)	(0.17, 0.26)	27.09	5.27
	25742.392	660.867	58334.141	692.046	0.15		
Burkina Faso	(21911.756-305 52.971)	(569.055-7 72.957)	(49923.778-6901 5.861)	(594.753-8 11.626)	(0.14, 0.16)	126.61	4.72
	14594.301	700.276	28813.032	672.537	-0.16		
Burundi	(12496.099-172 73.228)	(602.765-8 13.890)	(24471.426-3401 7.454)	(581.277-7 85.665)	(-0.18, -0.14)	97.43	-3.96
	1736.103	748.456	3493.909	818.743	0.29		
Cabo Verde	(1497.847-2036 .407)	(648.549-8 75.007)	(3054.204-4071. 496)	(710.475-9 52.445)	(0.24, 0.33)	101.25	9.39
	49591.797	1198.217	162249.924	1378.518	0.55		
Cambodia	(42310.450-582 89.635)	(1035.893- 1399.879)	(138111.771-190 703.987)	(1181.270- 1608.684)	(0.50, 0.59)	227.17	15.05
	26486.278	669.713	85871.145	766.632	0.32		
Cameroon	(22417.948-311 24.144)	(580.296-7 82.409)	(73219.664-1005 04.075)	(660.177-8 92.585)	(0.23, 0.41)	224.21	14.47
	852788.676	2624.989	1435078.889	1975.112	-0.90		
Canada	(743160.077-98 2334.262)	(2295.223- 3013.258)	(1242251.003-16 52979.746)	(1713.801- 2269.933)	(-0.99, -0.81)	68.28	-24.7 6
Central African Republic	7089.046 (6009.795-8373 .913)	753.617 (652.634-8 75.738)	14172.548 (12047.936-1685 9.264)	774.016 (672.652-9 02.451)	0.07 (0.03, 0.10)	99.92	2.71
	17647.410	673.404	36479.080	703.761	0.14		
Chad	(15140.017-208 28.114)	(579.871-7 86.059)	(31229.541-4264 8.528)	(609.419-8 18.159)	(0.12, 0.15)	106.71	4.51
	161414.809	1661.948	390746.247	1511.048	-0.41		
Chile	(139227.595-18 8712.380)	(1437.391- 1938.773)	(338345.118-453 208.910)	(1309.136- 1746.726)	(-0.46, -0.36)	142.08	-9.08
	9818058.767	1250.845	28474885.863	1331.126	0.10		
China	(8300902.502-1 1519182.313)	(1082.222- 1446.992)	(24446552.710-3 3220180.333)	(1147.491- 1544.172)	(0.04, 0.16)	190.03	6.42
	160050.475	987.785	523239.092	942.266	-0.14		
Colombia	(136994.289-18 6691.175)	(848.364-1 144.282)	(447802.277-611 186.214)	(804.146-1 101.657)	(-0.16, -0.12)	226.92	-4.61
	1214.427	702.023	3265.332	720.799	0.07		
Comoros	(1037.920-1416 .503)	(607.495-8 17.956)	(2807.921-3813. 099)	(622.655-8 43.186)	(0.04, 0.09)	168.88	2.67
	7273.648	794.674	19304.281	818.785	0.08		
Congo	(6184.841-8566 .560)	(685.239-9 26.676)	(16435.869-2289 0.581)	(705.709-9 66.462)	(0.07, 0.09)	165.4	3.03

	145.604	1227.868	386.632	1473.745	0.57		
Cook Islands	(124.807-170.076)	(1059.197-1422.066)	(332.081-450.078)	(1269.747-1712.652)	(0.50, 0.65)	165.54	20.02
	17553.957	1047.569	55021.383	1000.058	-0.16		
Costa Rica	(15030.539-20521.747)	(896.774-1230.802)	(47476.449-64466.307)	(863.686-1170.527)	(-0.20, -0.12)	213.44	-4.54
	70062.109	1184.136	101811.636	1119.026	-0.22		
Croatia	(59796.511-81602.282)	(1019.794-1372.221)	(87603.556-119770.826)	(966.875-1312.489)	(-0.27, -0.17)	45.32	-5.5
	99066.398	971.849	198580.669	990.965	0.07		
Cuba	(85488.874-116533.113)	(841.245-1140.391)	(171085.856-230154.558)	(852.850-1152.539)	(0.06, 0.08)	100.45	1.97
	19968.496	2481.502	42656.184	2052.434	-0.82		
Cyprus	(17125.205-23431.106)	(2145.668-2881.883)	(36670.976-49663.407)	(1768.422-2380.416)	(-0.92, -0.72)	113.62	-17.29
	151300.547	1098.307	252959.310	1155.699	0.22		
Czechia	(129290.671-176165.956)	(939.125-1270.059)	(219054.744-294167.713)	(997.840-1337.878)	(0.16, 0.27)	67.19	5.23
	24212.543	715.204	77410.523	784.980	0.30		
Côte d'Ivoire	(20603.795-28597.293)	(623.779-838.743)	(66291.362-91240.108)	(681.700-915.037)	(0.28, 0.32)	219.71	9.76
Democratic People's Republic of Korea	191280.392	1250.301	430734.490	1315.223	0.11		
	(162657.576-223701.209)	(1068.906-1447.869)	(368831.052-501092.199)	(1130.282-1522.023)	(0.04, 0.17)	125.18	5.19
Democratic Republic of the Congo	99006.558	741.833	236225.377	744.561	-0.01		
	(83843.521-117593.206)	(640.297-868.438)	(200897.787-278298.721)	(641.792-868.741)	(-0.03, 0.01)	138.6	0.37
	254433.171	3106.359	280186.270	2357.097	-1.00		
Denmark	(222130.899-293312.532)	(2715.878-3571.902)	(240073.070-324093.662)	(2034.489-2716.678)	(-1.04, -0.96)	10.12	-24.12
	835.241	734.036	4337.858	778.922	0.17		
Djibouti	(703.625-993.277)	(633.064-865.871)	(3669.986-5132.635)	(675.080-909.770)	(0.16, 0.18)	419.35	6.12
	492.731	832.649	725.487	882.143	0.16		
Dominica	(421.676-579.460)	(718.166-974.663)	(623.929-852.121)	(754.450-1035.841)	(0.14, 0.18)	47.24	5.94
	26570.464	769.822	82825.187	844.576	0.30		
Dominican Republic	(22791.690-31266.531)	(660.177-898.791)	(71100.555-96258.147)	(726.269-980.998)	(0.29, 0.31)	211.72	9.71
	36875.624	738.439	123285.876	764.336	0.10		
Ecuador	(31839.093-43243.668)	(635.516-867.458)	(105859.385-143858.980)	(658.158-889.623)	(0.08, 0.12)	234.33	3.51
Egypt	180893.705	745.892	572750.221	984.438	0.99	216.62	31.98

	(154830.004-21 5497.108)	(647.146-8 77.819)	(486339.545-675 066.762)	(852.022-1 147.937)	(0.96, 1.03)		
	22777.035	797.006	56412.080	893.335	0.41		
El Salvador	(19583.805-264 30.480)	(687.145-9 28.820)	(48807.926-6571 2.478)	(771.459-1 044.141)	(0.39, 0.42)	147.67	12.09
Equatorial Guinea	1265.116 (1079.640-1494 .008)	759.970 (660.829-8 87.629)	3825.551 (3241.046-4459. 393)	866.510 (745.181-1 000.123)	0.50 (0.45, 0.54)	202.39	14.02
	5952.442	664.180	16324.705	690.795	0.11		
Eritrea	(5015.058-6984 .671)	(577.474-7 76.642)	(13972.878-1927 4.643)	(597.754-8 04.257)	(0.09, 0.13)	174.25	4.01
	20067.706	978.390	29920.410	1074.235	0.38		
Estonia	(17179.620-233 00.002)	(841.170-1 134.674)	(25646.209-3481 4.188)	(923.628-1 245.435)	(0.35, 0.42)	49.1	9.8
	2138.220	857.412	4437.784	916.334	0.24		
Eswatini	(1826.491-2505 .390)	(741.134-1 000.682)	(3776.547-5199. 025)	(791.731-1 067.144)	(0.21, 0.26)	107.55	6.87
	103403.687	617.616	251504.263	633.639	0.10		
Ethiopia	(87985.722-122 511.104)	(536.582-7 22.208)	(216112.625-294 127.102)	(550.028-7 39.958)	(0.05, 0.15)	143.23	2.59
	4354.382	1338.590	11254.635	1547.028	0.43		
Fiji	(3689.776-5071 .236)	(1145.777- 1558.377)	(9557.465-13279 .825)	(1331.325- 1805.580)	(0.34, 0.51)	158.47	15.57
	173569.088	2417.012	233959.897	1846.558	-0.89		
Finland	(149910.404-20 1352.810)	(2111.438- 2799.890)	(202942.705-273 378.093)	(1601.228- 2131.851)	(-1.02, -0.76)	34.79	-23.6
	1846136.447	2202.671	2418924.546	1719.144	-0.93		
France	(1611147.440-2 132189.537)	(1921.287- 2539.482)	(2106077.787-27 85569.940)	(1495.338- 1987.087)	(-1.02, -0.84)	31.03	-21.9 5
	4058.372	778.801	7792.423	834.195	0.22		
Gabon	(3465.420-4758 .006)	(676.015-9 03.830)	(6657.509-9165. 003)	(726.086-9 78.743)	(0.19, 0.24)	92.01	7.11
	2287.825	741.795	6856.916	770.010	0.08		
Gambia	(1953.832-2684 .462)	(639.445-8 67.095)	(5874.409-8040. 286)	(663.935-8 99.256)	(0.06, 0.10)	199.71	3.8
	59385.796	973.950	66991.431	1091.029	0.43		
Georgia	(51024.174-696 05.868)	(836.743-1 136.836)	(58361.037-7813 5.194)	(950.264-1 272.134)	(0.34, 0.51)	12.81	12.02
	3307101.195	2582.056	3862090.565	1982.465	-1.07		
Germany	(2852984.417-3 818831.832)	(2229.604- 2984.424)	(3352505.412-44 84575.841)	(1718.358- 2297.557)	(-1.23, -0.91)	16.78	-23.2 2
	38726.429	706.733	115640.261	769.727	0.37		
Ghana	(32777.319-456 59.936)	(609.211-8 25.641)	(98485.068-1360 33.995)	(661.214-9 00.994)	(0.33, 0.40)	198.61	8.91

Greece	387068.581	2544.464	495938.052	2063.330	-0.88	28.13	-18.9 1
	(335749.098-44	(2213.803-	(431976.366-574	(1784.760-	(-0.97,		
	7292.999)	2932.060)	788.849)	2389.160)	-0.79)		
Greenland	736.813	2460.242	1419.098	2176.976	-0.35	92.6	-11.5 1
	(636.887-853.6	(2138.941-	(1224.390-1654.	(1897.192-	(-0.42,		
	36)	2832.459)	689)	2504.503)	-0.28)		
Grenada	600.864	802.250	991.366	915.676	0.46	64.99	14.14
	(518.830-700.0	(693.311-9	(847.663-1164.5	(787.055-1	(0.43,		
	59)	30.917)	20)	068.008)	0.48)		
Guam	784.250	1128.481	2852.775	1324.992	0.54	263.76	17.41
	(671.521-911.0	(977.300-1	(2449.344-3321.	(1133.775-	(0.48,		
	61)	308.803)	283)	1540.166)	0.60)		
Guatemala	24176.339	785.464	95922.239	905.809	0.51	296.76	15.32
	(20737.593-286	(677.249-9	(82497.991-1120	(781.106-1	(0.48,		
	91.333)	20.642)	59.296)	059.972)	0.55)		
Guinea	20705.860	671.463	38256.904	740.934	0.28	84.76	10.35
	(17889.043-242	(584.744-7	(33009.700-4526	(647.772-8	(0.26,		
	47.257)	81.942)	9.136)	64.548)	0.31)		
Guinea-Bissau	2298.637	671.422	4450.745	718.932	0.23	93.63	7.08
	(1967.164-2694	(582.452-7	(3791.538-5271.	(621.272-8	(0.21,		
	.894)	82.241)	230)	37.122)	0.24)		
Guyana	2793.147	804.052	5334.430	889.027	0.31	90.98	10.57
	(2413.825-3276	(694.520-9	(4582.321-6278.	(761.829-1	(0.30,		
	.619)	41.518)	155)	035.217)	0.32)		
Haiti	20578.171	727.306	51653.413	803.169	0.32	151.01	10.43
	(17760.694-242	(632.141-8	(44375.375-6057	(695.557-9	(0.31,		
	91.252)	51.930)	9.967)	37.129)	0.33)		
Honduras	16761.459	894.838	53966.147	909.781	0.01	221.97	1.67
	(14400.785-196	(775.831-1	(46185.749-6325	(783.680-1	(-0.02,		
	83.418)	045.675)	5.758)	063.686)	0.03)		
Hungary	170689.755	1163.085	217765.898	1088.794	-0.28	27.58	-6.39
	(146017.123-20	(1000.354-	(187427.570-254	(941.335-1	(-0.30,		
	0925.401)	1358.167)	272.983)	266.814)	-0.25)		
Iceland	6568.172	2292.751	10620.125	1826.743	-0.86	61.69	-20.3 3
	(5664.621-7558	(1986.773-	(9177.576-12331	(1584.770-	(-0.92,		
	.968)	2643.195)	.237)	2116.893)	-0.80)		
India	3336546.160	810.975	9953482.908	881.179	0.22	198.32	8.66
	(2836771.082-3	(698.081-9	(8525676.966-11	(761.153-1	(0.19,		
	904522.079)	42.392)	634283.588)	023.719)	0.25)		
Indonesia	1166364.516	1291.076	3349770.956	1459.736	0.46	187.2	13.06
	(992407.581-13	(1109.701-	(2838188.241-39	(1254.603-	(0.41,		
	69780.161)	1498.679)	48524.061)	1691.810)	0.51)		
Iran (Islamic Republic of)	194519.599	838.822	733063.980	984.002	0.61	276.86	17.31
	(164499.516-22	(725.649-9	(631787.217-850	(850.586-1	(0.55,		

	9425.779)	73.836)	405.131)	143.169)	0.66)		
	76913.534	1025.170	270977.132	1225.582	0.60		
Iraq	(66097.108-895 18.874)	(879.666-1 194.014)	(232010.200-318 711.983)	(1055.850- 1427.485)	(0.59, 0.61)	252.31	19.55
	100047.738	2449.852	149508.796	1877.628	-1.04		
Ireland	(87081.021-116 346.033)	(2145.169- 2828.866)	(128788.794-173 639.275)	(1619.576- 2175.171)	(-1.13, -0.95)	49.44	-23.3 6
	112980.810	2342.935	234409.060	1893.083	-0.71		
Israel	(97716.828-130 822.839)	(2026.856- 2704.791)	(203234.560-272 574.191)	(1639.736- 2200.642)	(-0.74, -0.68)	107.48	-19.2
	2381430.038	2668.748	2808982.899	1919.563	-1.24		
Italy	(2069334.646-2 746047.033)	(2322.747- 3074.187)	(2455867.493-32 36477.669)	(1669.791- 2219.862)	(-1.31, -1.17)	17.95	-28.0 7
	14640.841	811.424	28876.161	917.598	0.37		
Jamaica	(12520.685-169 75.286)	(697.562-9 43.880)	(24740.513-3364 2.656)	(785.271-1 073.362)	(0.30, 0.44)	97.23	13.08
	3351997.424	1981.393	4885244.633	1309.381	-1.54		
Japan	(2911647.710-3 876411.879)	(1722.481- 2284.262)	(4233083.137-56 31107.439)	(1135.619- 1515.952)	(-1.63, -1.45)	45.74	-33.9 2
	12164.683	1012.390	79366.971	1123.946	0.30		
Jordan	(10380.611-143 09.228)	(873.067-1 183.381)	(67834.736-9278 5.580)	(970.333-1 304.294)	(0.28, 0.32)	552.44	11.02
	117572.301	993.442	185843.154	1102.205	0.43		
Kazakhstan	(101454.051-13 7325.878)	(856.921-1 158.842)	(158337.522-217 287.958)	(953.778-1 275.879)	(0.37, 0.50)	58.07	10.95
	54335.317	731.822	155826.112	763.668	0.08		
Kenya	(46585.328-636 34.479)	(632.007-8 53.077)	(132198.506-182 082.745)	(658.153-8 89.693)	(0.01, 0.15)	186.79	4.35
	438.322	1321.734	1078.832	1622.525	0.75		
Kiribati	(374.684-516.7 23)	(1144.488- 1534.180)	(918.031-1276.6 37)	(1405.517- 1892.277)	(0.69, 0.81)	146.13	22.76
	5256.617	984.072	31751.071	1117.654	0.36		
Kuwait	(4469.680-6119 .401)	(848.596-1 137.359)	(27198.641-3705 4.283)	(962.533-1 287.928)	(0.33, 0.40)	504.02	13.57
	25596.992	907.477	39975.682	892.109	-0.03		
Kyrgyzstan	(21911.319-301 04.671)	(780.059-1 064.025)	(34026.523-4688 9.437)	(762.981-1 042.484)	(-0.18, 0.11)	56.17	-1.69
Lao People's	24285.419	1280.247	59089.978	1352.359	0.25		
Democratic	(20665.249-285 19.781)	(1113.730- 1485.310)	(50649.089-7051 1.840)	(1166.285- 1584.833)	(0.20, 0.30)	143.31	5.63
Republic	35736.167	992.256	43369.306	1052.998	0.25		
Latvia	(30743.041-419 22.696)	(852.865-1 161.146)	(37154.146-5060 0.188)	(910.428-1 227.287)	(0.22, 0.28)	21.36	6.12
Lebanon	19609.330	961.384	78418.044	1293.546	1.11	299.9	34.55

	(16825.178-229 50.954)	(829.570-1 120.284)	(67867.483-9071 0.211)	(1117.094- 1498.437)	(1.05, 1.17)		
	6773.824	865.906	8938.552	935.847	0.25		
Lesotho	(5815.664-8013 .665)	(750.614-1 017.541)	(7631.079-10716 .586)	(807.050-1 101.574)	(0.23, 0.27)	31.96	8.08
	7415.973	704.071	14244.065	749.080	0.29		
Liberia	(6326.873-8851 .822)	(610.514-8 25.590)	(12186.119-1671 0.422)	(647.599-8 73.820)	(0.25, 0.32)	92.07	6.39
	16174.271	916.399	54371.116	1097.500	0.64		
Libya	(13902.884-188 34.003)	(787.730-1 068.634)	(46606.580-6299 3.949)	(947.444-1 279.883)	(0.61, 0.66)	236.16	19.76
	43320.062	955.711	59997.873	1002.823	0.19		
Lithuania	(36948.835-505 11.660)	(816.262-1 112.803)	(51783.235-6959 5.841)	(861.699-1 164.398)	(0.17, 0.22)	38.5	4.93
	12389.969	2261.438	22286.389	2087.396	-0.27		
Luxembourg	(10667.409-143 45.764)	(1949.351- 2607.423)	(19297.697-2561 9.726)	(1811.861- 2406.493)	(-0.34, -0.20)	79.87	-7.7
	30849.452	684.397	67258.062	691.197	0.01		
Madagascar	(26070.420-363 52.494)	(593.703-8 00.696)	(57039.616-7948 3.143)	(592.453-8 06.082)	(-0.01, 0.02)	118.02	0.99
	24385.613	726.054	52088.196	795.510	0.30		
Malawi	(20857.946-289 61.046)	(630.300-8 54.826)	(44274.286-6129 8.207)	(690.080-9 25.045)	(0.25, 0.35)	113.6	9.57
	115873.595	1314.066	393754.244	1427.170	0.41		
Malaysia	(99853.928-135 045.532)	(1128.398- 1524.706)	(335078.339-454 963.100)	(1220.307- 1643.107)	(0.35, 0.47)	239.81	8.61
	1004.218	1204.555	4265.985	1309.260	0.24		
Maldives	(844.006-1184. 859)	(1039.238- 1395.327)	(3687.948-4951. 853)	(1131.131- 1519.602)	(0.19, 0.30)	324.81	8.69
	22204.932	632.826	55719.314	704.410	0.35		
Mali	(18682.889-262 29.389)	(544.307-7 37.551)	(47634.149-6508 9.965)	(606.595-8 14.556)	(0.33, 0.37)	150.93	11.31
	10053.932	2375.554	19037.738	1947.966	-0.79		
Malta	(8747.126-1166 7.004)	(2064.127- 2751.654)	(16479.299-2199 7.413)	(1680.498- 2245.615)	(-0.85, -0.74)	89.36	-18
	174.792	1192.769	442.000	1364.591	0.42		
Marshall Islands	(149.905-205.9 15)	(1019.762- 1396.435)	(377.998-527.19 6)	(1185.125- 1610.933)	(0.39, 0.45)	152.87	14.41
	6278.656	683.944	14421.812	715.647	0.07		
Mauritania	(5403.946-7421 .558)	(596.001-8 02.166)	(12432.263-1691 2.201)	(614.330-8 34.152)	(0.04, 0.11)	129.7	4.64
	9122.306	1345.025	28457.575	1542.267	0.38		
Mauritius	(7834.194-1071 4.333)	(1159.114- 1565.957)	(24381.376-3318 8.185)	(1335.102- 1791.526)	(0.29, 0.47)	211.96	14.66

	391036.969	985.436	1143715.016	928.847	-0.24		
Mexico	(335918.332-45 6450.239)	(850.906-1 147.406)	(985485.022-133 0381.793)	(799.990-1 079.793)	(-0.27, -0.20)	192.48	-5.74
Micronesia (Federated States of)	528.590 (454.221-625.3 50)	1176.282 (1021.345- 1374.158)	953.088 (808.458-1124.9 39)	1379.806 (1188.886- 1614.194)	0.52 (0.44, 0.60)	80.31	17.3
	1671.377	2344.070	1893.026	1924.452	-0.72		
Monaco	(1456.718-1916 .483)	(2037.870- 2692.285)	(1637.162-2187. 664)	(1667.387- 2215.634)	(-0.81, -0.64)	13.26	-17.9
	7955.310	817.841	18921.735	900.266	0.36		
Mongolia	(6791.910-9322 .034)	(702.873-9 56.213)	(16180.867-2225 8.439)	(780.829-1 042.714)	(0.32, 0.41)	137.85	10.08
	7093.242	1164.113	12738.351	1302.538	0.44		
Montenegro	(6088.927-8271 .018)	(1004.574- 1349.567)	(11024.104-1497 2.117)	(1133.256- 1518.540)	(0.40, 0.47)	79.58	11.89
	109756.932	817.538	319359.960	964.724	0.51		
Morocco	(94267.267-129 198.631)	(703.999-9 58.582)	(277974.086-374 464.003)	(846.423-1 125.618)	(0.49, 0.54)	190.97	18
	36930.867	699.080	74212.769	762.232	0.28		
Mozambique	(31549.740-436 53.410)	(603.295-8 17.890)	(63822.651-8786 2.374)	(659.378-8 91.251)	(0.26, 0.30)	100.95	9.03
	309613.872	1449.468	638326.375	1353.376	-0.18		
Myanmar	(265594.227-36 3868.130)	(1252.518- 1682.214)	(547103.878-745 863.557)	(1173.375- 1581.392)	(-0.21, -0.15)	106.17	-6.63
	5250.723	928.545	11060.311	893.615	-0.14		
Namibia	(4451.558-6135 .669)	(799.603-1 081.580)	(9402.843-12970 .126)	(771.350-1 047.109)	(-0.16, -0.13)	110.64	-3.76
	50.147	1222.279	77.192	1463.731	0.57		
Nauru	(42.732-58.987)	(1056.989- 1417.811)	(65.376-90.713)	(1263.179- 1710.598)	(0.54, 0.60)	53.93	19.75
	66405.570	793.209	187390.086	847.935	0.12		
Nepal	(56303.073-783 32.647)	(684.838-9 21.144)	(159253.395-221 805.363)	(726.505-9 90.018)	(0.02, 0.21)	182.19	6.9
	505228.044	2517.977	600849.237	1704.397	-1.49		
Netherlands	(447782.513-57 0284.186)	(2223.145- 2841.693)	(517512.275-695 829.648)	(1471.534- 1964.261)	(-1.65, -1.33)	18.93	-32.3 1
	66819.303	1705.961	101750.613	1195.819	-1.24		
New Zealand	(57820.355-774 43.308)	(1488.423- 1971.555)	(87354.148-1178 68.575)	(1028.362- 1389.883)	(-1.36, -1.11)	52.28	-29.9
	12837.002	910.029	42660.591	914.247	-0.01		
Nicaragua	(11080.261-148 97.137)	(787.897-1 065.130)	(36575.592-4993 7.312)	(783.091-1 070.009)	(-0.06, 0.03)	232.33	0.46
	14306.878	596.751	48481.864	659.068	0.34		
Niger	(12197.953-169	(515.024-6	(41460.274-5672	(568.598-7	(0.31,	238.87	10.44

		04.839)	92.428)	6.410)	64.894)	0.36)		
		268776.151	666.822	627611.763	753.489	0.47		
Nigeria		(230814.437-31	(577.514-7	(539244.863-732	(651.434-8	(0.43,	133.51	13
		4162.895)	76.778)	426.623)	76.566)	0.51)		
			1347.481		1590.540	0.54		
Niue		30.536	(1167.286-	34.556	(1377.853-	(0.48,	13.16	18.04
		(26.507-35.377)	1561.482)	(29.749-40.405)	1848.417)	0.60)		
		18978.631	1058.839	38814.996	1190.431	0.42		
North Macedonia		(16304.378-222	(914.522-1	(32884.264-4588	(1025.241-	(0.37,	104.52	12.43
		41.775)	235.775)	2.075)	1397.559)	0.48)		
Northern Mariana Islands		180.017	1193.511	675.887	1339.996	0.36		
		(153.160-209.2	(1032.757-	(576.602-797.93	(1163.872-	(0.20,	275.46	12.27
		66)	1382.693)	1)	1559.387)	0.51)		
		169112.975	2462.555	184352.509	1834.110	-1.10		
Norway		(146400.292-19	(2129.666-	(160110.134-211	(1591.016-	(-1.17,	9.01	-25.5
		5366.501)	2838.274)	999.401)	2109.454)	-1.04)		2
		4533.624	748.722	17475.486	942.842	0.88		
Oman		(3884.596-5303	(647.336-8	(14857.928-2027	(811.190-1	(0.83,	285.46	25.93
		.501)	73.500)	7.716)	096.210)	0.93)		
		450456.015	852.513	1021569.281	913.350	0.26		
Pakistan		(385054.830-52	(731.247-9	(877845.087-119	(796.089-1	(0.21,	126.79	7.14
		6139.301)	88.249)	4245.583)	059.926)	0.31)		
		106.239	1166.292	303.055	1366.103	0.50		
Palau		(90.649-124.79	(1003.850-	(257.439-357.91	(1170.083-	(0.41,	185.26	17.13
		6)	1361.999)	7)	1581.607)	0.59)		
		7260.973	894.669	25942.489	1096.037	0.71		
Palestine		(6200.053-8564	(770.102-1	(22264.760-3043	(952.182-1	(0.69,	257.29	22.51
		.366)	052.548)	9.471)	288.765)	0.74)		
		12803.271	898.268	40670.122	914.844	0.07		
Panama		(11049.138-150	(779.457-1	(34836.623-4700	(782.239-1	(0.05,	217.65	1.85
		25.476)	054.731)	6.680)	060.775)	0.09)		
		16556.662	1020.995	51645.535	1097.191	0.23		
Papua New Guinea		(13981.965-195	(880.147-1	(43949.258-6064	(940.988-1	(0.20,	211.93	7.46
		25.565)	195.354)	4.115)	279.870)	0.26)		
		19712.508	934.238	52292.642	929.445	-0.06		
Paraguay		(17013.413-228	(805.143-1	(44730.041-6073	(796.852-1	(-0.07,	165.28	-0.51
		38.558)	083.506)	5.819)	079.912)	-0.04)		
		70036.963	617.836	235457.946	708.194	0.52		
Peru		(60808.688-816	(532.528-7	(201900.777-274	(605.926-8	(0.47,	236.19	14.62
		64.763)	20.049)	248.013)	25.972)	0.57)		
		378144.115	1360.629	1095303.777	1398.113	0.03		
Philippines		(322633.738-44	(1172.320-	(940456.054-127	(1209.274-	(-0.03,	189.65	2.75
		1482.397)	1576.317)	9930.062)	1619.811)	0.10)		
Poland		520209.867	1207.526	814343.037	1117.886	-0.31	56.54	-7.42

		(448403.638-60 5923.197)	(1039.927- 1401.761)	(704155.142-942 964.998)	(964.240-1 295.371)	(-0.38, -0.23)		
		294218.578	2124.687	443978.113	1788.034	-0.61		
Portugal		(251918.479-34 2779.766)	(1829.883- 2459.743)	(384540.120-518 017.063)	(1543.015- 2078.590)	(-0.64, -0.58)	50.9	-15.8 4
		32293.798	891.736	74302.340	981.520	0.28		
Puerto Rico		(27560.548-377 53.796)	(763.731-1 037.746)	(63618.553-8662 4.846)	(842.347-1 141.356)	(0.22, 0.33)	130.08	10.07
		895.294	894.655	10271.054	1086.497	0.50		
Qatar		(759.749-1042. 820)	(774.109-1 031.023)	(8625.279-12074 .898)	(934.191-1 257.160)	(0.35, 0.66)	1047.2 3	21.44
Republic of Korea		427528.987 (367546.804-49 6552.877)	1587.393 (1378.520- 1831.516)	1070954.493 (935685.882-124 5047.707)	1132.294 (989.940-1 314.264)	-1.33 (-1.42, -1.25)	150.5	-28.6 7
Republic of Moldova		37069.713 (31858.343-437 63.334)	891.338 (772.094-1 040.809)	61875.694 (53068.831-7262 6.887)	1030.234 (882.768-1 206.305)	0.54 (0.50, 0.58)	66.92	15.58
		268344.913	986.943	384440.759	1007.575	0.07		
Romania		(230266.869-31 2824.318)	(848.661-1 145.592)	(329953.242-446 805.162)	(865.016-1 169.289)	(0.06, 0.09)	43.26	2.09
		1956581.013	1121.960	3123379.775	1289.229	0.62		
Russian Federation		(1680003.642-2 287822.074)	(966.231-1 303.625)	(2712477.232-36 18702.779)	(1118.122- 1493.104)	(0.54, 0.69)	59.63	14.91
		17986.581	739.792	45321.502	805.155	0.30		
Rwanda		(15300.764-213 70.669)	(641.916-8 67.369)	(38713.121-5365 3.508)	(694.012-9 40.803)	(0.29, 0.32)	151.97	8.84
		308.073	815.149	571.029	882.317	0.13		
Saint Kitts and Nevis		(262.485-367.3 76)	(705.196-9 55.260)	(488.823-670.62 8)	(762.636-1 026.754)	(0.08, 0.19)	85.36	8.24
		792.140	931.416	2274.073	947.935	0.07		
Saint Lucia		(674.948-932.6 80)	(799.610-1 089.908)	(1957.571-2640. 538)	(816.267-1 104.614)	(0.05, 0.09)	187.08	1.77
Saint Vincent and the Grenadines		574.327 (497.107-676.9 32)	823.044 (711.455-9 59.011)	1233.669 (1058.501-1439. 598)	870.443 (749.753-1 013.466)	0.13 (0.11, 0.15)	114.8	5.76
		1061.959	1334.381	2087.145	1501.721	0.36		
Samoa		(905.843-1240. 736)	(1144.808- 1552.029)	(1784.900-2457. 207)	(1293.505- 1768.876)	(0.29, 0.43)	96.54	12.54
		812.915	2294.307	1398.872	1863.078	-0.77		
San Marino		(703.065-939.4 88)	(1986.738- 2643.839)	(1209.936-1617. 355)	(1606.589- 2150.666)	(-0.84, -0.70)	72.08	-18.8
		431.316	705.610	800.154	784.848	0.39		
Sao Tome and Principe		(371.797-506.7 27)	(608.496-8 20.948)	(682.755-930.82 5)	(676.068-9 08.534)	(0.36, 0.41)	85.51	11.23

	42610.633	807.841	181115.001	1030.220	0.82		
Saudi Arabia	(36442.541-496 54.434)	(689.988-9 39.401)	(154964.688-212 891.531)	(891.252-1 193.437)	(0.79, 0.85)	325.05	27.53
	22653.299	772.890	58329.059	815.889	0.19		
Senegal	(19208.417-266 50.387)	(664.443-9 06.638)	(50359.444-6794 7.647)	(710.527-9 45.845)	(0.14, 0.25)	157.49	5.56
	114200.553	1065.452	194087.272	1161.200	0.33		
Serbia	(97668.832-134 331.504)	(911.241-1 234.733)	(164859.381-226 974.306)	(990.433-1 344.650)	(0.29, 0.36)	69.95	8.99
	758.914	1354.445	1832.267	1596.045	0.51		
Seychelles	(654.265-884.6 33)	(1167.996- 1572.393)	(1576.119-2148. 433)	(1378.094- 1855.069)	(0.45, 0.58)	141.43	17.84
	14527.148	763.175	25881.699	751.360	-0.04		
Sierra Leone	(12412.013-169 80.908)	(660.800-8 91.918)	(22122.245-3034 1.371)	(648.239-8 75.608)	(-0.08, 0.00)	78.16	-1.55
	31117.171	1497.356	91421.170	1065.364	-1.29		
Singapore	(26936.915-359 78.999)	(1302.181- 1732.182)	(78715.995-1056 41.863)	(916.252-1 226.091)	(-1.37, -1.20)	193.8	-28.8 5
	60189.973	1017.659	96574.658	1005.875	-0.07		
Slovakia	(51901.089-699 38.322)	(879.158-1 179.790)	(82445.702-1123 72.978)	(863.559-1 165.783)	(-0.10, -0.04)	60.45	-1.16
	25652.580	1043.648	47566.602	1049.604	-0.03		
Slovenia	(22153.923-299 68.678)	(901.044-1 216.348)	(40987.782-5518 0.411)	(910.018-1 223.621)	(-0.06, -0.00)	85.43	0.57
	1346.930	1088.077	4049.323	1261.529	0.47		
Solomon Islands	(1133.711-1606 .657)	(940.520-1 270.171)	(3463.733-4703. 346)	(1091.440- 1465.836)	(0.46, 0.48)	200.63	15.94
	13092.370	661.368	36245.586	710.495	0.24		
Somalia	(11097.503-154 01.754)	(574.410-7 73.462)	(30761.453-4328 5.896)	(614.947-8 28.130)	(0.22, 0.25)	176.85	7.43
	232549.726	1216.309	457166.051	1058.522	-0.56		
South Africa	(199804.871-27 0188.094)	(1056.344- 1407.311)	(392680.892-533 551.340)	(919.566-1 226.910)	(-0.62, -0.50)	96.59	-12.9 7
	15455.578	672.021	24267.618	705.129	0.19		
South Sudan	(13163.449-182 94.742)	(580.253-7 87.073)	(20673.277-2885 7.150)	(604.149-8 38.752)	(0.17, 0.20)	57.02	4.93
	1263510.266	2309.775	1712076.291	1727.601	-1.04		
Spain	(1098813.349-1 460486.618)	(2012.311- 2655.166)	(1478658.791-19 70287.953)	(1490.944- 1995.827)	(-1.10, -0.99)	35.5	-25.2
	124236.594	1216.796	386707.446	1431.110	0.57		
Sri Lanka	(106100.707-14 6185.719)	(1042.315- 1423.704)	(329137.268-449 840.060)	(1220.588- 1656.166)	(0.51, 0.64)	211.27	17.61
	67356.982	785.757	182432.978	1001.365	0.86		
Sudan	(58077.818-785	(681.236-9	(157337.317-215	(871.034-1	(0.83,	170.84	27.44

		29.054)	14.177)	249.282)	172.407)	0.89)		
		2085.563	863.170	6043.400	975.597	0.42		
Suriname		(1784.807-2430	(742.538-1	(5199.735-7064.	(841.554-1	(0.36,	189.77	13.02
		.672)	008.562)	143)	141.457)	0.47)		
		354703.035	2327.316	403980.191	1875.717	-0.78		
Sweden		(308156.912-41	(2027.610-	(349556.163-467	(1636.179-	(-0.84,	13.89	-19.4
		0029.035)	2683.515)	322.656)	2158.791)	-0.73)		
		242309.012	2296.626	332250.116	1824.337	-0.86		
Switzerland		(209519.556-27	(1989.849-	(288926.517-381	(1589.963-	(-0.92,	37.12	-20.5
		8062.251)	2630.212)	499.627)	2087.221)	-0.80)		6
		43831.768	908.238	131469.121	1023.470	0.38		
Syrian Arab		(37911.672-511	(786.450-1	(111927.606-154	(880.258-1	(0.37,	199.94	12.69
Republic		88.168)	051.151)	789.236)	197.577)	0.39)		
Taiwan		232956.420	1538.011	708549.579	1656.269	0.18		
(Province of		(196554.537-27	(1321.140-	(621590.437-796	(1455.113-	(0.14,	204.16	7.69
China)		5374.193)	1796.123)	724.906)	1865.131)	0.22)		
		21540.753	838.437	45138.736	845.654	0.09		
Tajikistan		(18595.823-251	(724.478-9	(38608.997-5297	(728.376-9	(0.01,	109.55	0.86
		55.570)	73.787)	2.836)	81.648)	0.16)		
		420010.858	1257.864	1369001.170	1237.161	-0.07		
Thailand		(357999.066-48	(1077.018-	(1176716.265-15	(1061.839-	(-0.08,	225.94	-1.65
		7278.402)	1461.929)	90477.583)	1433.771)	-0.05)		
		2852.290	1123.460	10542.339	1272.624	0.45		
Timor-Leste		(2436.763-3357	(967.139-1	(9000.509-12407	(1094.851-	(0.43,	269.61	13.28
		.296)	316.786)	.962)	1482.797)	0.47)		
		8319.427	766.336	26575.713	786.087	0.02		
Togo		(7076.473-9854	(664.421-9	(22780.120-3118	(677.007-9	(-0.02,	219.44	2.58
		.086)	01.189)	7.214)	13.907)	0.06)		
		15.025	1145.175	20.336	1354.470	0.57		
Tokelau		(12.898-17.748)	(990.273-1	(17.586-23.601)	(1171.301-	(0.52,	35.35	18.28
			340.897)		1567.818)	0.62)		
		688.562	1304.204	1185.791	1495.972	0.45		
Tonga		(585.588-812.3	(1122.197-	(1016.900-1388.	(1286.389-	(0.38,	72.21	14.7
		24)	1522.558)	585)	1756.929)	0.51)		
		7721.394	957.852	19166.100	991.728	0.08		
Trinidad and		(6643.145-9111	(831.679-1	(16407.074-2250	(851.457-1	(0.06,	148.22	3.54
Tobago		.738)	121.061)	5.695)	156.300)	0.09)		
		42149.047	900.748	144276.717	1104.866	0.66		
Tunisia		(35954.576-496	(777.324-1	(124195.030-169	(954.854-1	(0.64,	242.3	22.66
		62.339)	047.809)	227.497)	282.565)	0.69)		
		15789.411	908.317	35735.386	956.484	0.22		
Turkmenistan		(13437.977-187	(781.072-1	(30445.923-4198	(830.322-1	(0.18,	126.33	5.3
		06.029)	068.743)	4.859)	114.893)	0.26)		
Tuvalu		72.567	1177.416	139.030	1379.575	0.54	91.59	17.17

		(61.713-85.544)	(1026.700-1371.486)	(117.686-163.489)	(1176.582-1607.064)	(0.49, 0.58)		
		323596.070	1004.598	991738.358	1072.014	0.24		
Türkiye		(278883.147-378796.647)	(871.107-173.294)	(851187.050-1159745.586)	(927.515-1242.801)	(0.15, 0.32)	206.47	6.71
		40778.315	707.922	98416.277	748.220	0.15		
Uganda		(34992.365-48041.943)	(613.853-829.438)	(84188.055-115475.336)	(643.755-875.152)	(0.09, 0.21)	141.34	5.69
		813030.493	1149.027	920456.565	1161.559	0.14		
Ukraine		(699044.775-949064.172)	(991.830-1335.525)	(795497.049-1065170.603)	(1003.436-1340.375)	(0.09, 0.19)	13.21	1.09
United Arab Emirates		3756.621	962.108	48988.432	1042.703	0.30	1204.06	8.38
		(3201.982-4386.458)	(834.477-1116.645)	(40585.640-58286.280)	(900.841-1211.114)	(0.23, 0.36)		
United Kingdom		2462892.787	2708.913	2471758.751	1904.832	-1.30		-29.68
		(2138156.519-2838708.526)	(2352.987-3126.319)	(2138014.686-2857640.789)	(1645.239-2202.368)	(-1.42, -1.18)	0.36	
United Republic of Tanzania		67649.395	699.406	184125.279	789.796	0.45		
		(57723.966-79169.753)	(604.256-813.441)	(156629.593-217728.898)	(673.047-932.020)	(0.43, 0.48)	172.18	12.92
United States Virgin Islands		650.541	830.417	1739.547	920.805	0.36		
		(560.193-759.340)	(720.858-967.199)	(1492.770-2046.110)	(796.887-1070.637)	(0.34, 0.38)	167.4	10.88
United States of America		8665584.163	2689.365	14977256.235	2549.444	-0.14		
		(7458366.128-10020735.590)	(2324.253-3113.781)	(13443641.793-16668757.274)	(2291.393-2828.562)	(-0.27, -0.01)	72.84	-5.2
		61091.899	1560.779	82179.655	1453.801	-0.28		
Uruguay		(53112.502-71643.656)	(1357.444-1821.511)	(71644.616-95293.981)	(1268.615-1694.415)	(-0.38, -0.19)	34.52	-6.85
		81990.122	749.102	212780.142	878.844	0.65		
Uzbekistan		(70830.536-95679.551)	(645.909-870.378)	(182834.902-251224.871)	(766.362-1029.697)	(0.58, 0.73)	159.52	17.32
		646.485	1143.546	2114.748	1300.729	0.39		
Vanuatu		(553.040-760.379)	(989.489-1329.564)	(1779.519-2486.781)	(1115.773-1514.550)	(0.36, 0.42)	227.11	13.75
Venezuela (Bolivarian Republic of)		94054.594	1049.851	282985.141	961.578	-0.24		
		(80617.384-109846.269)	(895.151-1232.525)	(243822.105-330283.581)	(827.348-1114.469)	(-0.26, -0.21)	200.87	-8.41
		463432.407	1207.630	1345188.616	1392.262	0.53		
Viet Nam		(398489.239-538434.855)	(1046.124-1393.773)	(1149417.779-1568552.864)	(1197.475-1618.300)	(0.44, 0.61)	190.27	15.29
		35018.109	809.784	121001.090	934.366	0.52		
Yemen		(29784.674-41076.283)	(698.015-945.672)	(103184.177-141897.245)	(805.517-1087.771)	(0.49, 0.55)	245.54	15.38

	17292.568	691.503	44566.453	733.760	0.24		
Zambia	(14725.616-202 80.420)	(596.532-8 10.754)	(37714.384-5208 6.905)	(634.016-8 55.542)	(0.22, 0.26)	157.72	6.11
	33364.080	927.070	58441.725	964.355	0.13		
Zimbabwe	(28486.808-391 96.554)	(801.344-1 079.267)	(49453.499-6914 1.104)	(829.661-1 141.977)	(0.11, 0.15)	75.16	4.02

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

Supplementary materials Table 6 The case number and ASR of incidence of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by 204 countries and territories.

Location name	1990		2021		1990-2021	RC of number s (%)	RC of ASR (%)
	Case number (95% UI)	ASR (95% UI)	Case number (95% UI)	ASR (95% UI)	EAPC (95% CI)		
Afghanistan	4720.738 (4034.390-5611.570)	69.624 (60.089-80.685)	8688.737 (7435.669-10219.624)	91.724 (79.001-106.547)	0.97 (0.95,1.00)	84.05	31.74
Albania	1890.311 (1627.270-2231.529)	93.025 (79.891-108.145)	4275.787 (3642.817-4982.617)	97.264 (83.556-113.017)	0.14 (0.11,0.17)	126.19	4.56
Algeria	10256.908 (8702.388-12216.275)	84.245 (72.421-98.328)	35474.939 (30562.400-4172.304)	98.214 (84.668-114.947)	0.43 (0.41,0.46)	245.86	16.58
American Samoa	26.960 (23.228-32.110)	117.719 (101.648-138.929)	69.936 (60.394-82.784)	140.029 (121.314-163.360)	0.53 (0.41,0.65)	159.41	18.95
Andorra	108.257 (93.698-125.498)	184.531 (160.417-212.784)	231.405 (200.492-268.041)	151.558 (131.058-175.942)	-0.74 (-0.83, -0.65)	113.76	-17.87
Angola	2827.496 (2412.422-3375.132)	78.561 (67.585-91.442)	9383.817 (7992.031-11089.008)	82.959 (71.361-96.900)	0.14 (0.13,0.16)	231.88	5.6
Antigua and Barbuda	41.809 (35.551-48.769)	78.246 (67.118-90.929)	91.992 (78.835-109.217)	85.365 (72.882-100.083)	0.26 (0.23,0.29)	120.03	9.1
Argentina	49596.228 (42763.427-57454.340)	152.692 (132.207-175.829)	75515.646 (65186.706-87787.318)	134.516 (116.531-156.431)	-0.46 (-0.52, -0.40)	52.26	-11.9
Armenia	2411.903 (2057.578-2830.132)	91.337 (78.377-106.025)	4318.146 (3663.087-5057.537)	99.199 (84.517-115.359)	0.30 (0.28,0.33)	79.03	8.61
Australia	28583.532 (24358.520-33002.685)	144.645 (124.576-166.581)	46325.404 (39835.150-53188.923)	105.198 (90.176-121.413)	-1.22 (-1.32, -1.11)	62.07	-27.27
Austria	21258.329 (18261.396-24483.336)	181.608 (157.611-206.625)	27460.542 (23679.076-31526.353)	160.501 (138.563-185.442)	-0.45 (-0.52, -0.38)	29.18	-11.62
Azerbaijan	3972.560 (3405.164-4655)	82.978 (71.200-96)	9529.110 (8093.571-1139)	93.091 (80.498-106)	0.42 (0.37,0.47)	139.87	12.19

	.819)	.250)	0.148)	8.281)	.46)		
	116.513	77.912	334.359	82.290	0.16		
Bahamas	(100.129-136.932)	(66.893-91.104)	(286.609-392.705)	(70.115-95.985)	(0.14,0.17)	186.97	5.62
	164.084	93.188	1124.604	108.393	0.45		
Bahrain	(140.625-193.879)	(79.833-108.714)	(951.612-1351.662)	(93.599-126.523)	(0.39,0.50)	585.38	16.32
	33540.329	73.902	106842.599	77.492	0.14		
Bangladesh	(28975.292-39189.951)	(63.600-85.875)	(91507.021-125299.020)	(66.819-90.607)	(0.10,0.18)	218.55	4.86
	231.639	79.477	445.799	85.546	0.24		
Barbados	(195.380-272.386)	(68.098-92.309)	(378.740-523.722)	(73.335-100.030)	(0.22,0.27)	92.45	7.64
	12002.333	92.914	15558.741	96.791	0.12		
Belarus	(10226.815-14015.719)	(79.282-107.662)	(13384.255-18178.979)	(83.448-112.227)	(0.11,0.14)	29.63	4.17
	29607.835	194.556	35849.840	164.037	-0.68		
Belgium	(25706.806-34250.712)	(169.092-224.852)	(30887.052-41663.148)	(141.771-190.595)	(-0.74,-0.61)	21.08	-15.69
	71.413	78.028	243.422	82.952	0.20		
Belize	(61.456-83.343)	(67.057-91.077)	(209.667-285.440)	(71.410-96.444)	(0.18,0.22)	240.87	6.31
	1406.976	73.335	3868.212	77.244	0.19		
Benin	(1208.747-1654.310)	(63.278-85.455)	(3344.496-4572.396)	(66.382-89.501)	(0.16,0.21)	174.93	5.33
	46.206	74.523	104.905	77.448	0.09		
Bermuda	(39.831-54.100)	(64.377-86.805)	(88.712-121.665)	(66.271-90.093)	(0.08,0.11)	127.04	3.93
	158.146	69.088	442.692	73.847	0.23		
Bhutan	(134.374-187.170)	(59.519-79.991)	(383.832-514.516)	(64.144-85.630)	(0.21,0.25)	179.93	6.89
	2294.349	74.537	6594.661	73.143	-0.05		
Bolivia (Plurinational State of)	(1968.330-2687.388)	(64.150-86.927)	(5639.151-7740.031)	(62.905-85.447)	(-0.09,-0.01)	187.43	-1.87
	3971.230	98.413	7144.337	115.010	0.60		
Bosnia and Herzegovina	(3412.522-4694.970)	(85.080-114.668)	(6104.755-8308.783)	(99.379-132.754)	(0.55,0.66)	79.9	16.86
	497.805	92.863	1400.521	96.689	0.12		
Botswana	(424.030-591.650)	(79.378-107.375)	(1202.326-1658.201)	(83.371-112.470)	(0.09,0.15)	181.34	4.12
	88538.786	101.455	223075.242	88.484	-0.53		
Brazil	(76174.739-103741.986)	(87.160-117.404)	(192135.755-259681.055)	(76.157-102.760)	(-0.56,-0.50)	151.95	-12.78
Brunei	159.077	156.964	411.556	116.597	-1.15	158.71	-25.72

Darussalam	(138.799-183.5 94) 11916.431	(135.158-1 82.045) 94.843	(354.076-489.11 7) 13933.054	(100.047-1 36.062) 98.111	(-1.22, -1.09) 0.15		
Bulgaria	(10066.161-141 37.086) 2888.093	(81.383-11 0.687) 69.764	(11858.277-162 07.950) 6463.011	(84.391-11 3.957) 72.274	(0.10,0 .19) 0.12	16.92	3.45
Burkina Faso	(2457.141-3425 .798) 1621.120	(59.709-81 .325) 73.518	(5520.254-7653. 591) 3328.015	(62.507-84 .449) 71.664	(0.12,0 .13) -0.10	123.78	3.6
Burundi	(1388.808-1907 .572) 171.159	(63.583-85 .139) 75.404	(2855.766-3943. 248) 346.840	(61.963-82 .820) 79.269	(-0.12, -0.09) 0.16	105.29	-2.52
Cabo Verde	(146.245-198.1 93) 5117.609	(64.969-87 .394) 114.429	(301.158-406.29 4) 16005.162	(68.702-92 .705) 127.053	(0.13,0 .18) 0.41	102.64	5.12
Cambodia	(4364.614-6057 .860) 2886.777	(98.668-13 3.612) 68.265	(13737.235-189 55.405) 9467.381	(109.861-1 47.854) 77.999	(0.38,0 .44) 0.33	212.75	11.03
Cameroon	(2465.393-3431 .476) 73308.336	(58.822-79 .538) 224.133	(8115.468-1110 0.995) 119049.818	(66.999-90 .271) 169.050	(0.24,0 .41) -0.88	227.96	14.26
Canada	(63559.845-842 16.240) 828.480	(195.605-2 57.203) 79.194	(101995.534-13 7669.429) 1691.564	(146.426-1 94.202) 82.350	(-0.96, -0.79) 0.12	62.4	-24.58
Central African Republic	(702.590-983.9 48) 1934.812	(68.585-91 .410) 71.007	(1441.948-2017. 672) 4084.427	(70.802-97 .082) 73.386	(0.08,0 .15) 0.09	104.18	3.98
Chad	(1657.263-2273 .909) 15254.399	(60.981-82 .601) 152.818	(3505.936-4808. 293) 34584.201	(63.117-85 .028) 134.723	(0.08,0 .11) -0.53	111.1	3.35
Chile	(13168.882-177 91.611) 923622.315	(132.343-1 77.587) 109.570	(29779.374-400 06.411) 2447371.727	(116.431-1 55.940) 112.664	(-0.58, -0.47) -0.00	126.72	-11.84
China	(796818.460-10 85328.688) 16611.152	(94.838-12 7.132) 97.845	(2109991.303-2 854290.973) 50942.589	(97.746-13 0.732) 92.122	(-0.06, 0.06) -0.15	164.98	2.82
Colombia	(14168.817-194 20.805) 132.388	(83.777-11 3.275) 70.730	(43831.722-593 54.602) 352.068	(78.800-10 7.667) 73.574	(-0.19, -0.11) 0.11	206.68	-5.85
Comoros	(113.100-157.2 86) 797.402	(61.094-82 .721) 79.510	(301.870-414.31 0) 2137.962	(63.430-85 .228) 81.726	(0.09,0 .14) 0.07	165.94	4.02
Congo	(675.037-944.6 68) 	(67.850-92 .492) 	(1837.959-2528. 681) 	(70.463-95 .097) 	(0.05,0 .08) 	168.12	2.79

	13.453	106.871		124.281	0.49		
Cook Islands	(11.557-15.731)	(92.592-12 4.262)	32.343 (27.615-37.896)	(106.745-1 44.347)	(0.42,0 .57)	140.42	16.29
	1750.341	102.422	5305.576	96.376	-0.20		
Costa Rica	(1504.449-2051 .489)	(88.056-11 9.491)	(4525.265-6196. 893)	(82.202-11 2.401)	(-0.23, -0.17)	203.12	-5.9
	6568.095	107.252	8847.864	101.904	-0.21		
Croatia	(5631.789-7742 .528)	(91.931-12 4.998)	(7534.643-1029 4.924)	(87.852-11 8.626)	(-0.26, -0.16)	34.71	-4.99
	9772.845	95.132	18925.013	96.810	0.04		
Cuba	(8340.054-1134 3.155)	(81.538-11 0.255)	(16211.633-218 41.737)	(82.432-11 2.206)	(0.03,0 .05)	93.65	1.76
	1776.018	208.221	3574.581	171.367	-0.84		
Cyprus	(1526.915-2080 .820)	(180.611-2 41.938)	(3072.458-4145. 442)	(147.563-1 97.972)	(-0.95, -0.74)	101.27	-17.7
	13709.311	99.244	21842.339	103.688	0.19		
Czechia	(11686.140-160 40.547)	(85.359-11 6.117)	(18544.950-253 59.811)	(89.443-11 9.903)	(0.14,0 .24)	59.32	4.48
	2710.519	72.350	8569.147	79.213	0.31		
Côte d'Ivoire	(2319.292-3231 .317)	(62.078-84 .274)	(7369.328-1012 2.068)	(68.005-91 .795)	(0.29,0 .34)	216.14	9.49
Democratic	18342.098	111.444	40030.197	119.473	0.16		
People's	(15542.985-216 55.853)	(95.476-12 9.658)	(34553.406-469 59.125)	(103.687-1 38.843)	(0.09,0 .23)	118.24	7.2
Republic of							
Korea							
Democratic	11299.043	77.206	27235.154	78.588	0.03		
Republic of the	(9584.242-1343 4.505)	(65.763-89 .567)	(23409.909-319 46.526)	(67.851-92 .254)	(-0.00, 0.06)	141.04	1.79
Congo	19849.998	250.445	21723.287	192.796	-0.96		
Denmark	(17253.675-226 17.472)	(218.844-2 86.939)	(18609.005-251 19.860)	(165.916-2 24.502)	(-1.01, -0.91)	9.44	-23.02
	93.495	72.699	484.713	77.543	0.20		
Djibouti	(79.810-111.78 6)	(62.272-84 .471)	(415.176-574.04 9)	(65.959-90 .295)	(0.18,0 .21)	418.44	6.66
	49.248	83.019	72.733	86.541	0.11		
Dominica	(42.076-57.147)	(71.871-96 .375)	(61.994-84.902)	(73.747-10 0.034)	(0.10,0 .13)	47.69	4.24
	2781.618	77.501	8138.877	82.103	0.18		
Dominican	(2383.477-3267 .485)	(66.546-90 .226)	(7003.717-9531. 557)	(70.552-96 .092)	(0.17,0 .20)	192.6	5.94
Republic	3758.597	73.017	12293.373	75.241	0.07		
Ecuador	(3235.918-4430 .266)	(62.672-85 .739)	(10531.823-143 51.910)	(64.398-87 .375)	(0.05,0 .10)	227.07	3.05
Egypt	19504.627	74.548	60570.364	95.381	0.88	210.54	27.95

	(16719.714-232 06.346)	(63.965-86 .995)	(51623.433-721 97.926)	(82.198-11 1.243)	(0.85,0 .92)		
	2370.050	81.814	5533.657	89.578	0.33		
El Salvador	(2036.901-2752 .033)	(70.201-94 .797)	(4763.697-6415. 389)	(76.651-10 4.376)	(0.31,0 .35)	133.48	9.49
	142.043	78.519	396.283	80.603	0.03		
Equatorial Guinea	(120.991-169.9 52)	(67.436-91 .113)	(338.239-464.55 2)	(69.462-93 .347)	(-0.01, 0.07)	178.99	2.65
	704.426	69.713	1872.887	71.766	0.11		
Eritrea	(592.786-845.4 49)	(60.012-81 .002)	(1596.909-2217. 150)	(61.644-83 .109)	(0.10,0 .12)	165.87	2.94
	1870.154	90.946	2503.425	96.317	0.24		
Estonia	(1589.423-2170 .337)	(77.961-10 5.426)	(2119.358-2909. 173)	(82.384-11 1.896)	(0.21,0 .26)	33.86	5.91
	229.341	84.056	474.840	88.361	0.21		
Eswatini	(196.563-269.1 35)	(72.071-97 .672)	(405.903-557.52 6)	(76.300-10 2.016)	(0.19,0 .23)	107.05	5.12
	11962.946	65.072	27766.892	65.926	0.06		
Ethiopia	(10240.457-142 94.447)	(56.047-75 .706)	(23981.168-324 81.431)	(56.529-76 .748)	(0.03,0 .09)	132.11	1.31
	437.948	120.326	1079.564	136.164	0.38		
Fiji	(373.757-516.6 66)	(103.220-1 39.886)	(920.737-1288.4 86)	(117.520-1 58.767)	(0.30,0 .45)	146.51	13.16
	14501.486	202.371	18556.164	156.090	-0.90		
Finland	(12549.572-166 76.931)	(175.559-2 32.514)	(15867.343-213 64.693)	(135.325-1 81.226)	(-1.03, -0.78)	27.96	-22.87
	151147.644	185.799	190366.938	145.947	-0.92		
France	(131569.010-17 3311.578)	(162.312-2 14.213)	(164203.340-21 9849.119)	(126.390-1 69.188)	(-1.02, -0.83)	25.95	-21.45
	402.461	73.372	805.740	78.881	0.24		
Gabon	(342.194-476.3 53)	(62.818-85 .517)	(697.058-950.57 7)	(68.261-90 .733)	(0.22,0 .26)	100.2	7.51
	251.065	75.411	746.949	79.164	0.13		
Gambia	(214.778-296.6 59)	(64.617-88 .212)	(642.006-871.70 2)	(67.972-91 .667)	(0.12,0 .15)	197.51	4.98
	5618.336	90.566	6041.999	101.455	0.39		
Georgia	(4791.795-6590 .418)	(77.768-10 4.963)	(5174.563-6994. 395)	(86.850-11 7.098)	(0.34,0 .44)	7.54	12.02
	268077.268	215.561	297794.446	166.213	-1.08		
Germany	(232012.979-30 6335.375)	(185.858-2 47.788)	(256194.866-33 9966.913)	(142.842-1 92.349)	(-1.25, -0.91)	11.09	-22.89
	4286.682	72.573	12504.203	76.865	0.29		
Ghana	(3678.426-5045 .503)	(62.217-84 .079)	(10782.812-147 65.328)	(66.299-89 .688)	(0.24,0 .33)	191.7	5.91

	32514.876	213.491	37884.917	173.981	-0.87		
Greece	(27948.268-375 41.190)	(185.107-2 44.032)	(33016.105-431 46.979)	(150.643-2 01.271)	(-0.96, -0.78)	16.52	-18.51
	70.549	213.494	129.899	183.331	-0.45		
Greenland	(60.937-82.263)	(186.427-2 46.288)	(109.497-154.28 9)	(158.660-2 13.119)	(-0.51, -0.40)	84.13	-14.13
	58.070	80.800	100.757	88.597	0.31		
Grenada	(49.982-66.527)	(69.768-93 .139)	(85.691-118.459)	(76.111-10 3.027)	(0.30,0 .33)	73.51	9.65
	73.370	94.531	234.987	110.678	0.52		
Guam	(63.280-86.661)	(82.183-11 0.604)	(203.645-272.14 9)	(96.116-12 7.668)	(0.46,0 .59)	220.28	17.08
	2667.029	80.906	9988.920	91.671	0.45		
Guatemala	(2291.184-3163 .738)	(69.752-94 .368)	(8565.524-1178 1.409)	(78.725-10 7.343)	(0.42,0 .49)	274.53	13.31
	2247.471	69.868	4179.061	76.757	0.29		
Guinea	(1923.824-2637 .337)	(59.970-80 .747)	(3612.347-4937. 293)	(66.217-89 .224)	(0.27,0 .31)	85.95	9.86
	260.935	70.566	513.870	75.407	0.24		
Guinea-Bissau	(222.479-308.3 01)	(60.448-81 .745)	(439.566-607.06 8)	(64.999-87 .677)	(0.22,0 .26)	96.93	6.86
	303.851	83.388	566.794	89.272	0.22		
Guyana	(261.497-357.2 64)	(71.454-97 .663)	(484.621-669.91 3)	(76.640-10 3.721)	(0.22,0 .23)	86.54	7.06
	2337.226	76.752	5913.460	85.278	0.34		
Haiti	(2000.004-2767 .566)	(66.640-89 .715)	(5084.706-7014. 095)	(73.433-99 .941)	(0.33,0 .35)	153.01	11.11
	1814.380	92.365	5829.748	93.344	-0.00		
Honduras	(1564.184-2110 .581)	(79.292-10 6.680)	(5013.307-6803. 366)	(80.341-10 7.486)	(-0.02, 0.02)	221.31	1.06
	15761.610	106.563	19135.231	99.347	-0.29		
Hungary	(13475.996-184 43.663)	(91.556-12 4.103)	(16244.790-222 56.697)	(85.284-11 5.499)	(-0.31, -0.26)	21.4	-6.77
	539.489	191.773	859.236	153.037	-0.87		
Iceland	(465.541-617.3 23)	(165.761-2 20.626)	(737.328-993.25 9)	(131.257-1 76.628)	(-0.93, -0.81)	59.27	-20.2
	357429.033	80.165	1005413.287	84.971	0.14		
India	(306974.965-42 1968.910)	(69.015-93 .133)	(864547.234-11 78373.644)	(73.206-98 .566)	(0.11,0 .17)	181.29	6
	116604.895	117.881	325452.370	128.574	0.34		
Indonesia	(99958.129-137 020.485)	(102.057-1 37.550)	(279296.400-38 3516.614)	(111.136-1 49.263)	(0.29,0 .39)	179.11	9.07
Iran (Islamic Republic of)	20035.801 (17110.866-238	79.364 (68.279-91	71883.910 (62406.003-838	92.140 (79.431-10	0.56 (0.51,0	258.78	16.1

	59.463)	.853)	64.333)	6.398)	.60)		
	7479.206	96.605	27375.389	113.329	0.49		
Iraq	(6450.718-8778	(82.910-11	(23547.636-323	(97.795-13	(0.46,0	266.02	17.31
	.396)	2.778)	55.030)	2.249)	.52)		
	8573.816	207.847	12170.372	156.088	-1.11		
Ireland	(7348.977-9952	(180.180-2	(10441.793-140	(134.280-1	(-1.20,	41.95	-24.9
	.241)	39.379)	85.796)	82.041)	-1.01)		
	9708.344	198.579	19345.506	160.035	-0.74		
Israel	(8355.340-1123	(171.740-2	(16597.553-225	(137.482-1	(-0.77,	99.27	-19.41
	1.258)	28.057)	70.157)	87.324)	-0.72)		
	192025.409	217.263	216174.673	161.779	-1.13		
Italy	(165932.641-21	(188.762-2	(187083.438-24	(140.171-1	(-1.20,	12.58	-25.54
	9996.755)	49.029)	5837.679)	86.334)	-1.07)		
	1442.039	81.051	2801.324	90.509	0.34		
Jamaica	(1231.010-1671	(69.337-94	(2396.906-3261.	(76.851-10	(0.28,0	94.26	11.67
	.668)	.127)	339)	5.574)	.40)		
	285716.615	165.537	376221.829	113.017	-1.41		
Japan	(246040.251-32	(143.103-1	(323285.447-43	(97.477-13	(-1.50,	31.68	-31.73
	6658.213)	89.007)	2517.564)	0.172)	-1.32)		
	1254.875	96.294	8136.236	106.157	0.26		
Jordan	(1076.325-1491	(82.287-11	(6958.096-9496.	(91.597-12	(0.23,0	548.37	10.24
	.354)	2.698)	483)	3.373)	.29)		
	11322.740	92.335	17875.282	99.792	0.32		
Kazakhstan	(9614.682-1335	(78.464-10	(15297.696-210	(85.077-11	(0.28,0	57.87	8.08
	8.734)	8.021)	71.287)	6.050)	.37)		
	5858.309	74.153	17006.530	76.316	0.04		
Kenya	(5045.437-6882	(63.786-86	(14623.809-200	(65.656-88	(-0.02,	190.3	2.92
	.064)	.184)	35.900)	.349)	0.11)		
	44.999	123.938	111.193	150.966	0.72		
Kiribati	(38.697-53.252	(107.099-1	(94.640-132.815	(129.692-1	(0.67,0	147.1	21.81
	)	44.291)	)	76.788)	.78)		
	527.034	86.102	3184.466	98.615	0.39		
Kuwait	(450.258-620.4	(73.750-10	(2725.940-3766.	(85.053-11	(0.36,0	504.22	14.53
	88)	0.140)	263)	5.193)	.42)		
	2516.925	87.414	4130.045	87.254	0.02		
Kyrgyzstan	(2141.085-2959	(74.855-10	(3538.197-4895.	(75.044-10	(-0.09,	64.09	-0.18
	.582)	2.439)	893)	1.899)	0.13)		
Lao People's	2481.859	120.449	5808.616	122.680	0.11		
Democratic	(2128.516-2924	(104.357-1	(4998.708-6885.	(106.037-1	(0.08,0	134.04	1.85
Republic	.809)	39.031)	961)	43.059)	.14)		
	3322.566	92.385	3686.974	95.428	0.13		
Latvia	(2840.892-3871	(79.199-10	(3133.996-4262.	(82.079-11	(0.11,0	10.97	3.29
	.573)	7.408)	496)	0.000)	.15)		
Lebanon	1931.461	90.012	7009.154	118.680	1.02	262.89	31.85

	(1650.191-2278 .142)	(76.545-10 4.553)	(6082.539-8016. 467)	(101.872-1 37.393)	(0.96,1 .07)		
	734.217	89.152	978.827	94.134	0.18		
Lesotho	(629.228-866.9 12)	(76.816-10 4.482)	(832.771-1158.5 64)	(80.464-10 9.393)	(0.17,0 .19)	33.32	5.59
	813.123	73.446	1630.768	78.900	0.28		
Liberia	(690.065-961.1 63)	(62.766-85 .575)	(1400.798-1919. 098)	(67.594-92 .337)	(0.26,0 .30)	100.56	7.43
	1535.773	83.148	5527.998	104.033	0.74		
Libya	(1319.015-1820 .280)	(71.278-97 .136)	(4791.462-6477. 816)	(89.336-12 1.334)	(0.73,0 .75)	259.95	25.12
	4040.990	89.385	5095.088	90.684	0.06		
Lithuania	(3449.119-4732 .732)	(76.253-10 4.701)	(4357.196-5888. 118)	(78.162-10 5.232)	(0.04,0 .08)	26.09	1.45
	1027.530	188.608	1739.540	169.351	-0.39		
Luxembourg	(885.138-1181. 472)	(162.720-2 17.045)	(1504.188-2000. 064)	(146.477-1 95.289)	(-0.47, -0.31)	69.29	-10.21
	3401.656	70.925	7716.932	71.944	0.02		
Madagascar	(2896.342-4024 .395)	(61.087-82 .466)	(6592.022-9184. 907)	(62.258-83 .727)	(0.00,0 .03)	126.86	1.44
	2775.239	76.288	5889.675	82.791	0.27		
Malawi	(2374.390-3319 .475)	(65.507-88 .572)	(5082.872-6955. 097)	(71.695-96 .019)	(0.24,0 .31)	112.22	8.52
	10766.802	115.191	35303.381	121.758	0.31		
Malaysia	(9366.291-1255 7.578)	(100.145-1 33.247)	(30323.347-414 94.331)	(105.027-1 42.004)	(0.25,0 .36)	227.89	5.7
	99.874	109.017	405.315	113.721	0.11		
Maldives	(84.726-119.24 1)	(94.268-12 6.850)	(352.871-475.19 5)	(98.842-13 3.074)	(0.06,0 .16)	305.83	4.32
	2525.034	67.102	6220.968	73.251	0.29		
Mali	(2150.284-3002 .991)	(57.457-77 .699)	(5347.736-7301. 810)	(63.345-84 .680)	(0.27,0 .32)	146.37	9.16
	879.186	202.418	1535.959	163.782	-0.84		
Malta	(763.287-1014. 029)	(176.278-2 32.527)	(1312.395-1775. 213)	(140.777-1 87.740)	(-0.89, -0.78)	74.7	-19.09
	17.723	111.498	46.306	127.459	0.44		
Marshall Islands	(15.193-20.967)	(95.404-13 0.113)	(39.415-55.700) 46.306	(109.838-1 50.285)	(0.41,0 .47)	161.28	14.31
	671.954	69.801	1539.846	72.807	0.08		
Mauritania	(572.172-796.1 28)	(60.104-82 .252)	(1315.014-1802. 718)	(62.288-84 .635)	(0.05,0 .10)	129.16	4.31
	852.921	117.458	2466.153	130.911	0.30		
Mauritius	(732.264-1006. 400)	(101.311-1 36.301)	(2100.207-2913. 680)	(113.464-1 53.253)	(0.23,0 .38)	189.14	11.45

	40018.947	96.444	114755.207	90.757	-0.24		
Mexico	(34422.369-467 65.128)	(82.659-11 1.216)	(98770.026-134 068.509)	(77.779-10 5.021)	(-0.26, -0.21)	186.75	-5.9
Micronesia (Federated States of)	52.500 (45.296-61.978)	110.418 (95.372-12 9.007)	97.322 (82.565-117.038)	128.405 (111.030-1 50.070)	0.50 (0.43,0 .57)	85.38	16.29
Monaco	123.262 (106.213-142.1 67)	184.846 (160.147-2 11.256)	136.999 (117.227-157.78 2)	151.500 (131.197-1 75.549)	-0.74 (-0.82, -0.65)	11.14	-18.04
Mongolia	819.543 (707.995-965.4 03)	80.912 (69.872-94 .338)	1959.659 (1683.813-2315. 905)	86.142 (74.445-10 0.512)	0.24 (0.20,0 .28)	139.12	6.46
Montenegro	665.328 (570.821-780.2 76)	107.225 (91.744-12 4.033)	1177.832 (999.976-1397.0 83)	118.715 (101.694-1 37.470)	0.38 (0.35,0 .41)	77.03	10.72
Morocco	11230.024 (9568.462-1335 2.568)	80.736 (68.842-95 .181)	32188.908 (27847.271-381 40.536)	93.349 (80.192-10 8.591)	0.46 (0.43,0 .48)	186.63	15.62
Mozambique	4254.191 (3643.106-5051 .864)	74.718 (64.517-87 .125)	8422.548 (7220.560-1005 7.525)	79.147 (67.784-91 .973)	0.18 (0.16,0 .19)	97.98	5.93
Myanmar	31309.706 (26860.607-368 86.593)	136.132 (118.017-1 59.353)	61230.920 (52715.582-725 41.334)	122.761 (105.759-1 43.814)	-0.32 (-0.34, -0.30)	95.57	-9.82
Namibia	557.950 (476.362-661.7 95)	89.827 (77.219-10 3.183)	1149.734 (991.977-1354.1 50)	85.596 (73.971-99 .602)	-0.18 (-0.19, -0.17)	106.06	-4.71
Nauru	4.951 (4.224-5.856)	106.726 (91.724-12 4.709)	7.595 (6.446-9.104)	129.598 (111.011-1 51.700)	0.61 (0.53,0 .70)	53.39	21.43
Nepal	7174.872 (6169.724-8405 .748)	79.651 (68.548-92 .192)	19579.323 (16733.056-230 69.656)	84.750 (72.631-98 .860)	0.12 (0.03,0 .21)	172.89	6.4
Netherlands	41428.205 (35936.437-470 46.993)	209.021 (181.226-2 37.447)	49051.143 (42096.288-570 83.372)	144.315 (124.848-1 66.828)	-1.44 (-1.60, -1.28)	18.4	-30.96
New Zealand	5963.794 (5095.345-6862 .909)	151.569 (130.137-1 74.132)	8915.828 (7626.741-1031 5.029)	107.444 (92.601-12 4.701)	-1.22 (-1.34, -1.10)	49.5	-29.11
Nicaragua	1349.904 (1158.574-1579 .159)	91.796 (78.613-10 7.008)	4417.634 (3778.484-5184. 267)	91.907 (78.200-10 6.958)	-0.03 (-0.06, 0.00)	227.26	0.12
Niger	1645.940 (1409.003-1958)	63.298 (54.615-73)	5530.098 (4756.111-6489.	70.088 (60.757-80)	0.35 (0.32,0	235.98	10.73

		.149)	.467)	517)	.757)	.37)		
		28599.442	67.204	67711.788	75.327	0.42		
Nigeria		(24603.022-335	(57.833-78	(58436.707-796	(64.744-87	(0.39,0	136.76	12.09
		38.300)	.094)	19.046)	.673)	.45)		
			118.978		137.804	0.46		
Niue		2.605	(103.094-1	3.031	(118.280-1	(0.41,0	16.33	15.82
		(2.263-3.014)	38.238)	(2.585-3.561)	61.037)	.52)		
		1863.043	100.010	3748.043	110.467	0.35		
North Macedonia		(1603.341-2189	(86.102-11	(3166.149-4434.	(94.637-12	(0.29,0	101.18	10.46
		.426)	6.757)	697)	8.198)	.40)		
Northern Mariana Islands		18.213	99.161	63.338	114.364	0.48		
		(15.547-21.520	(86.157-11	(54.141-75.796)	(99.726-13	(0.34,0	247.75	15.33
		)	5.212)		3.165)	.62)		
		13454.702	203.960	14683.816	153.482	-1.08		
Norway		(11616.726-154	(176.754-2	(12680.997-168	(132.988-1	(-1.15,	9.14	-24.75
		58.606)	33.180)	31.656)	76.590)	-1.01)		
		459.928	69.569	1826.392	86.062	0.80		
Oman		(397.857-540.1	(60.198-80	(1572.112-2138.	(74.099-99	(0.75,0	297.1	23.71
		34)	.757)	708)	.848)	.84)		
		46263.776	83.332	107688.259	89.131	0.26		
Pakistan		(39790.918-542	(72.042-96	(92895.060-125	(76.799-10	(0.21,0	132.77	6.96
		83.018)	.973)	524.347)	4.107)	.31)		
			103.709		120.670	0.48		
Palau		10.102	(89.342-12	29.138	(103.390-1	(0.40,0	188.43	16.35
		(8.642-11.948)	1.607)	(24.794-34.632)	40.437)	.57)		
		746.698	88.376	2706.927	105.880	0.64		
Palestine		(641.781-876.9	(76.215-10	(2313.564-3205.	(91.100-12	(0.62,0	262.52	19.81
		70)	2.949)	860)	3.160)	.67)		
		1294.914	88.683	3868.042	87.569	-0.04		
Panama		(1122.653-1505	(76.671-10	(3311.592-4466.	(74.760-10	(-0.05,	198.71	-1.26
		.806)	2.737)	599)	1.159)	-0.02)		
Papua New Guinea	New	1737.962	96.876	5383.398	103.415	0.23		
		(1470.213-2077	(83.702-11	(4597.584-6352.	(89.106-12	(0.20,0	209.75	6.75
		.666)	3.330)	127)	0.185)	.26)		
		1992.184	91.898	5223.899	90.546	-0.08		
Paraguay		(1715.668-2325	(78.942-10	(4472.539-6132.	(76.999-10	(-0.09,	162.22	-1.47
		.755)	6.493)	895)	5.539)	-0.07)		
		7198.881	62.054	23291.304	69.739	0.44		
Peru		(6200.563-8369	(53.502-71	(20109.240-270	(59.999-81	(0.40,0	223.54	12.38
		.395)	.849)	39.915)	.137)	.48)		
		36996.532	123.147	104167.594	123.837	-0.03		
Philippines		(32089.061-432	(106.739-1	(89923.088-121	(106.981-1	(-0.09,	181.56	0.56
		69.794)	43.648)	956.208)	44.233)	0.04)		
Poland		47957.406	109.853	71014.661	100.769	-0.33	48.08	-8.27

		(41177.315-557 10.292)	(94.766-12 7.002)	(60910.637-817 27.332)	(86.831-11 6.466)	(-0.38, -0.27)		
		25899.823	183.477	35461.207	153.124	-0.65		
Portugal		(22239.976-298 74.368)	(158.858-2 10.131)	(30640.781-410 55.674)	(131.948-1 78.322)	(-0.69, -0.61)	36.92	-16.54
		3079.996	84.331	6376.688	90.969	0.22		
Puerto Rico		(2614.550-3563 .971)	(72.191-97 .023)	(5493.827-7366. 180)	(78.256-10 5.322)	(0.18,0 .26)	107.04	7.87
		97.476	77.935	1134.848	92.713	0.39		
Qatar		(82.478-117.64 4)	(67.579-91 .055)	(950.279-1368.0 20)	(79.894-10 7.357)	(0.25,0 .53)	1064.24	18.96
		40988.658	142.706	95648.745	100.880	-1.35		
Republic of Korea		(35236.285-481 99.043)	(123.554-1 64.342)	(82019.745-110 495.486)	(86.622-11 6.111)	(-1.44, -1.26)	133.35	-29.31
		3765.645	87.033	5917.827	99.118	0.48		
Republic of Moldova		(3194.517-4481 .003)	(74.284-10 1.487)	(5036.714-6898. 343)	(84.599-11 5.686)	(0.44,0 .52)	57.15	13.89
		26065.378	93.248	34372.784	93.194	-0.01		
Romania		(22330.234-306 56.898)	(80.359-10 8.071)	(29385.068-398 46.130)	(80.513-10 8.049)	(-0.03, 0.01)	31.87	-0.06
		180083.964	100.669	272330.335	113.394	0.51		
Russian Federation		(154100.644-21 0855.847)	(86.649-11 6.467)	(232834.408-31 6915.227)	(97.735-13 1.164)	(0.46,0 .57)	51.22	12.64
		2032.536	77.159	5036.006	82.263	0.21		
Rwanda		(1727.308-2416 .549)	(66.101-89 .915)	(4275.300-5996. 586)	(70.910-95 .790)	(0.20,0 .23)	147.77	6.61
		30.461	80.319	58.922	84.513	0.06		
Saint Kitts and Nevis		(25.657-36.063)	(68.919-93 .028)	(58.922 (50.582-70.115)	(72.890-98 .239)	(0.01,0 .11)	93.44	5.22
		79.870	91.462	222.951	92.114	0.04		
Saint Lucia		(67.391-93.381)	(78.150-10 5.809)	(190.799-260.47 8)	(78.761-10 7.112)	(0.02,0 .06)	179.14	0.71
		58.569	82.606	124.111	85.892	0.08		
Saint Vincent and the Grenadines		(49.461-68.663)	(70.738-95 .987)	(105.788-147.18 5)	(73.753-10 0.761)	(0.06,0 .09)	111.91	3.98
		102.467	121.116	197.933	135.244	0.32		
Samoa		(88.025-120.14 7)	(104.750-1 40.071)	(169.795-234.62 7)	(116.341-1 58.854)	(0.26,0 .38)	93.17	11.66
		65.425	188.611	105.866	154.441	-0.76		
San Marino		(56.626-75.409)	(163.566-2 16.375)	(91.503-121.642)	(133.191-1 78.649)	(-0.85, -0.68)	61.81	-18.12
		45.275	71.912	86.369	79.132	0.34		
Sao Tome and Principe		(38.657-52.901)	(61.390-83 .506)	(74.500-100.793)	(68.104-91 .658)	(0.32,0 .37)	90.76	10.04

	4242.666	73.793	19333.195	92.954	0.76		
Saudi Arabia	(3678.846-4950 .525)	(63.648-86 .372)	(16630.710-231 70.963)	(80.237-10 8.706)	(0.72,0 .81)	355.69	25.97
	2437.715	78.464	6247.222	82.450	0.19		
Senegal	(2087.972-2880 .584)	(66.865-91 .600)	(5349.350-7286. 192)	(70.550-95 .162)	(0.14,0 .24)	156.27	5.08
	11244.738	99.433	17579.144	107.671	0.28		
Serbia	(9523.968-1326 9.840)	(85.618-11 4.887)	(14854.858-206 39.512)	(92.177-12 5.644)	(0.25,0 .31)	56.33	8.28
	64.479	115.632	161.160	132.801	0.44		
Seychelles	(55.644-75.731)	(100.201-1 35.787)	(138.572-189.19 8)	(114.588-1 54.139)	(0.38,0 .49)	149.94	14.85
	1567.992	79.005	2876.926	78.640	0.01		
Sierra Leone	(1349.911-1840 .153)	(68.007-91 .801)	(2472.697-3357. 459)	(67.404-91 .253)	(-0.02, 0.03)	83.48	-0.46
	2901.026	132.744	8169.652	93.476	-1.33		
Singapore	(2515.975-3400 .911)	(114.933-1 53.894)	(7013.995-9484. 770)	(80.140-10 7.813)	(-1.42, -1.24)	181.61	-29.58
	5615.070	94.102	8759.915	91.866	-0.12		
Slovakia	(4797.463-6534 .082)	(80.987-10 8.959)	(7488.060-1027 2.604)	(79.437-10 6.460)	(-0.15, -0.10)	56.01	-2.38
	2318.012	94.353	4052.090	94.618	-0.04		
Slovenia	(1987.426-2719 .211)	(81.205-11 0.565)	(3465.778-4661. 951)	(81.754-10 9.808)	(-0.07, -0.01)	74.81	0.28
	143.215	105.078	426.406	121.096	0.47		
Solomon Islands	(123.084-170.8 21)	(91.297-12 2.588)	(365.139-497.29 4)	(105.570-1 40.404)	(0.46,0 .48)	197.74	15.24
	1575.716	71.968	4447.013	77.438	0.24		
Somalia	(1352.683-1866 .960)	(61.782-83 .680)	(3790.112-5330. 567)	(66.815-90 .146)	(0.22,0 .26)	182.22	7.6
	22667.749	112.366	45547.987	99.280	-0.51		
South Africa	(19623.866-263 35.767)	(96.946-12 9.146)	(39312.087-533 98.965)	(85.752-11 4.942)	(-0.57, -0.46)	100.94	-11.65
	1627.453	66.430	2747.434	73.284	0.32		
South Sudan	(1393.683-1916 .379)	(57.314-77 .637)	(2342.564-3281. 973)	(62.913-85 .579)	(0.30,0 .34)	68.82	10.32
	106606.714	194.678	134587.905	146.404	-1.03		
Spain	(91635.101-123 146.835)	(168.278-2 23.636)	(115982.008-15 4458.133)	(125.320-1 70.270)	(-1.11, -0.96)	26.25	-24.8
	12056.690	110.687	34347.488	124.021	0.40		
Sri Lanka	(10290.628-141 99.443)	(96.049-12 9.614)	(29370.540-405 79.017)	(106.512-1 44.680)	(0.34,0 .46)	184.88	12.05
	7164.337	79.285	19250.684	99.117	0.78		
Sudan	(6177.243-8392)	(68.782-92)	(16638.225-227	(85.331-11	(0.76,0	168.7	25.01

		.660)	.223)	79.936)	5.525)	.80)		
		212.697	85.395	599.852	94.697	0.33		
Suriname		(182.565-251.649)	(73.335-99.492)	(513.413-705.777)	(81.306-110.364)	(0.28,0.39)	182.02	10.89
		28477.641	195.118	31685.722	158.659	-0.78		
Sweden		(24529.753-32995.098)	(169.834-224.017)	(27106.835-36504.533)	(137.172-183.021)	(-0.84,-0.71)	11.27	-18.69
		19305.010	189.642	25718.506	151.546	-0.86		
Switzerland		(16690.242-22201.339)	(164.116-217.886)	(22126.377-29509.453)	(130.664-175.811)	(-0.92,-0.79)	33.22	-20.09
Syrian Arab Republic		4506.880	88.806	13662.526	100.282	0.38		
		(3863.948-5295.266)	(76.287-103.220)	(11713.495-16197.462)	(86.505-117.658)	(0.37,0.39)	203.15	12.92
Taiwan		20061.237	124.116	52995.271	127.462	0.03		
(Province of China)		(17189.936-23722.352)	(108.191-144.082)	(47025.513-59764.888)	(113.930-144.252)	(-0.01,0.06)	164.17	2.7
		2150.726	81.949	4820.755	84.286	0.14		
Tajikistan		(1862.168-2508.753)	(71.136-95.588)	(4132.480-5733.990)	(72.838-98.283)	(0.08,0.19)	124.15	2.85
		40068.026	111.768	119429.259	107.998	-0.12		
Thailand		(34605.808-46850.384)	(96.089-129.686)	(101872.186-139780.759)	(92.166-125.661)	(-0.13,-0.10)	198.07	-3.37
		298.715	104.981	1009.192	116.321	0.33		
Timor-Leste		(255.089-354.985)	(91.146-122.481)	(866.559-1185.845)	(100.076-135.655)	(0.32,0.35)	237.84	10.8
		929.213	79.291	3014.292	81.473	0.04		
Togo		(799.365-1101.141)	(68.277-92.494)	(2576.564-3532.635)	(70.127-94.465)	(0.01,0.08)	224.39	2.75
		1.414	106.471	1.835	122.632	0.48		
Tokelau		(1.210-1.669)	(91.883-124.596)	(1.588-2.153)	(106.148-143.217)	(0.43,0.54)	29.79	15.18
		66.185	118.643	108.271	133.955	0.41		
Tonga		(57.105-77.654)	(103.176-137.966)	(93.128-129.004)	(114.744-158.398)	(0.35,0.46)	63.59	12.91
Trinidad and Tobago		775.560	92.874	1834.375	93.288	-0.06		
		(658.676-908.856)	(79.825-108.505)	(1560.027-2160.393)	(79.420-108.486)	(-0.09,-0.04)	136.52	0.45
		4256.198	86.120	13877.504	102.991	0.58		
Tunisia		(3633.953-5051.287)	(74.178-100.307)	(11880.208-16240.588)	(88.484-119.678)	(0.56,0.61)	226.05	19.59
		1576.011	86.733	3521.374	88.834	0.11		
Turkmenistan		(1338.386-1872.250)	(74.360-101.253)	(3011.582-4169.805)	(76.540-103.403)	(0.09,0.13)	123.44	2.42
Tuvalu		7.428	111.440	13.515	127.719	0.49	81.95	14.61

		(6.346-8.790)	(96.188-12	(11.553-15.964)	(109.900-1	(0.45,0		
			9.670)		48.784)	.53)		
		31665.944	93.219	93078.395	97.783	0.19		
Türkiye		(27156.008-375	(79.657-10	(79578.857-109	(83.561-11	(0.10,0	193.94	4.9
		12.462)	9.122)	126.555)	3.698)	.27)		
		4552.971	74.257	10849.652	76.588	0.07		
Uganda		(3920.596-5368	(63.988-86	(9353.490-1274	(65.762-89	(0.02,0	138.3	3.14
		.439)	.749)	0.747)	.344)	.11)		
		74712.517	104.247	82743.700	106.347	0.15		
Ukraine		(63655.186-869	(89.388-12	(70766.277-961	(91.870-12	(0.11,0	10.75	2.01
		59.919)	0.344)	03.161)	3.461)	.19)		
United Arab		396.082	81.548	5687.799	93.314	0.50		
Emirates		(338.701-467.3	(70.151-94	(4693.340-6983.	(80.396-10	(0.45,0	1336.02	14.43
		29)	.980)	208)	7.754)	.55)		
		199366.581	225.178	199392.743	162.463	-1.23		
United Kingdom		(172417.002-22	(196.202-2	(171583.321-22	(140.612-1	(-1.35,	0.01	-27.85
		8351.499)	57.806)	7801.730)	87.317)	-1.11)		
United Republic of		7480.379	72.314	19899.195	79.769	0.36		
Tanzania		(6360.196-8835	(61.738-84	(16992.538-236	(68.075-93	(0.34,0	166.02	10.31
		.804)	.119)	10.432)	.289)	.38)		
United States		66.386	79.274	159.033	85.561	0.27		
Virgin Islands		(57.325-78.340	(68.367-92	(133.991-185.96	(73.068-99	(0.26,0	139.56	7.93
		)	.195)	0)	.472)	.29)		
United States of America		730072.653	230.417	1228846.259	211.778	-0.21		
		(627537.762-83	(200.142-2	(1095078.549-1	(189.723-2	(-0.34,	68.32	-8.09
		7476.310)	65.771)	374907.600)	35.808)	-0.09)		
		5651.443	144.042	7062.835	130.948	-0.37		
Uruguay		(4858.854-6526	(124.447-1	(6065.627-8113.	(112.774-1	(-0.46,	24.97	-9.09
		.817)	65.701)	776)	50.676)	-0.29)		
		8184.404	74.116	21924.851	84.815	0.57		
Uzbekistan		(7003.142-9473	(63.479-85	(18742.021-262	(73.173-99	(0.50,0	167.89	14.44
		.437)	.845)	69.973)	.735)	.63)		
		67.322	108.081	217.502	122.340	0.39		
Vanuatu		(57.410-79.425	(94.020-12	(185.741-259.67	(105.886-1	(0.36,0	223.08	13.19
		)	6.320)	9)	43.120)	.42)		
Venezuela		9535.275	102.001	28692.739	94.825	-0.23		
(Bolivarian		(8155.851-1120	(86.994-11	(24580.546-334	(80.944-10	(-0.25,	200.91	-7.03
Republic of)		6.046)	9.093)	55.557)	9.360)	-0.20)		
		44243.540	112.445	125702.028	123.590	0.35		
Viet Nam		(38090.122-517	(97.609-13	(108317.968-14	(106.604-1	(0.28,0	184.11	9.91
		45.808)	0.649)	7194.157)	43.811)	.43)		
		3770.952	80.750	13088.526	93.996	0.53		
Yemen		(3240.257-4452	(69.811-93	(11237.862-153	(81.075-10	(0.51,0	247.09	16.4
		.160)	.708)	49.408)	9.734)	.55)		

	1916.665	71.153	4923.010	73.980	0.14		
Zambia	(1641.066-2263 .938)	(61.066-83 .273)	(4233.841-5765. 585)	(63.670-86 .409)	(0.12,0 .15)	156.85	3.97
	3593.667	91.836	6591.957	98.374	0.28		
Zimbabwe	(3075.659-4238 .306)	(78.981-10 6.304)	(5626.701-7875. 721)	(84.614-11 4.305)	(0.25,0 .30)	83.43	7.12

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

Supplementary materials Table 7 The case number and ASR of deaths of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by 204 countries and territories.

Location name	1990	ASR	2021	ASR	1990-20	RC of numbers (%)	RC of ASR (%)
	Case number (95% UI)	(95% UI)	Case number (95% UI)	(95% UI)	EAPC (95% CI)		
Afghanistan	0.076 (0.017-0.133)	0.001 (0.000-0.003)	1.242 (0.489-2.027)	0.018 (0.007-0.029)	10.26 (9.47,11.06)	1533.54	1142.08
Albania	2.997 (2.221-3.954)	0.189 (0.139-0.248)	10.994 (6.596-17.115)	0.271 (0.162-0.415)	1.45 (1.22,1.68)	266.89	43.36
Algeria	0.558 (0.244-1.005)	0.008 (0.004-0.014)	12.916 (7.840-20.960)	0.054 (0.034-0.086)	8.43 (7.56,9.30)	2212.79	579.03
American Samoa	0.140 (0.105-0.196)	0.873 (0.662-1.198)	0.268 (0.189-0.410)	0.763 (0.514-1.342)	-0.90 (-1.52,-0.27)	91.69	-12.63
Andorra	0.784 (0.485-1.138)	1.787 (1.086-2.689)	2.152 (1.205-3.227)	1.178 (0.675-1.774)	-1.30 (-1.51,-1.08)	174.63	-34.07
Angola	28.770 (15.443-56.686)	1.169 (0.606-2.273)	145.452 (85.454-256.593)	2.006 (1.168-3.500)	1.85 (1.70,1.99)	405.57	71.62
Antigua and Barbuda	0.899 (0.794-1.021)	1.547 (1.364-1.755)	1.539 (1.386-1.697)	1.759 (1.574-1.945)	0.50 (0.28,0.72)	71.31	13.71
Argentina	134.917 (121.207-147.229)	0.472 (0.422-0.517)	250.771 (217.717-276.673)	0.425 (0.369-0.468)	-0.18 (-0.50,0.14)	85.87	-10
Armenia	52.688 (41.673-67.381)	2.368 (1.860-3.061)	102.451 (84.999-121.062)	2.398 (1.985-2.824)	0.37 (-0.04,0.78)	94.45	1.3
Australia	615.069 (553.755-658.487)	3.480 (3.080-3.742)	883.021 (731.443-992.270)	1.578 (1.309-1.769)	-2.76 (-2.92,-2.59)	43.56	-54.66
Austria	388.905 (344.410-416.905)	3.163 (2.783-3.388)	390.924 (325.279-429.974)	1.672 (1.411-1.826)	-1.46 (-2.23,-0.69)	0.52	-47.15
Azerbaijan	9.376 (5.896-15.452)	0.231 (0.143-0.319)	29.051 (13.321-58.182)	0.370 (0.173-0.567)	2.05 (1.78,2.32)	209.84	60.41

	)	376)	)	710)	3)		
		1.668		2.026	0.61		
Bahamas	2.180 (1.967-2.435)	(1.498-1.861)	6.780 (5.610-8.098)	(1.679-2.413)	(0.39,0.83)	210.97	21.43
Bahrain	0.460 (0.347-0.596)	0.423 (0.319-0.544)	6.051 (4.331-8.949)	1.350 (1.006-1.839)	5.69 (4.32,7.07)	1216.49	219.59
Bangladesh	58.437 (19.629-105.936)	0.168 (0.054-0.301)	354.688 (199.928-597.937)	0.347 (0.197-0.593)	2.41 (2.17,2.66)	506.95	106.71
Barbados	16.309 (14.408-18.205)	5.579 (4.944-6.176)	28.049 (23.139-33.762)	5.448 (4.492-6.541)	-0.12 (-0.38,0.14)	71.98	-2.36
Belarus	385.458 (303.174-487.826)	3.153 (2.473-3.997)	676.022 (561.201-798.901)	4.055 (3.369-4.807)	0.58 (0.36,0.80)	75.38	28.6
Belgium	158.261 (138.746-172.929)	1.016 (0.885-1.111)	243.431 (198.842-275.738)	0.787 (0.652-0.883)	-0.91 (-1.50,-0.30)	53.82	-22.56
Belize	0.275 (0.224-0.367)	0.303 (0.247-0.405)	1.243 (1.071-1.422)	0.496 (0.427-0.566)	1.48 (0.81,2.15)	352.4	63.9
Benin	11.101 (4.258-22.803)	0.691 (0.263-1.427)	39.485 (16.580-83.431)	1.096 (0.459-2.316)	1.57 (1.53,1.62)	255.7	58.74
Bermuda	2.263 (1.933-2.585)	4.376 (3.747-4.997)	4.910 (4.022-5.970)	3.025 (2.487-3.677)	-1.15 (-1.36,-0.93)	116.99	-30.89
Bhutan	0.134 (0.039-0.254)	0.097 (0.028-0.181)	1.301 (0.633-2.043)	0.257 (0.123-0.400)	3.49 (3.39,3.59)	870.19	164.06
Bolivia (Plurinational State of)	1.992 (1.241-2.788)	0.092 (0.058-0.130)	10.265 (6.558-14.597)	0.153 (0.098-0.213)	2.10 (1.98,2.22)	415.18	67.75
Bosnia and Herzegovina	8.157 (4.603-12.648)	0.265 (0.148-0.409)	29.766 (20.769-41.512)	0.463 (0.321-0.650)	2.20 (2.02,2.39)	264.89	74.76
Botswana	6.135 (3.698-9.264)	1.410 (0.883-2.093)	21.420 (14.068-30.383)	1.921 (1.218-2.696)	1.06 (0.85,1.28)	249.16	36.17
Brazil	1014.922 (936.324-1068.648)	1.516 (1.374-1.609)	3177.035 (2778.612-3448.106)	1.323 (1.154-1.438)	-0.66 (-0.90,-0.43)	213.03	-12.69
Brunei	0.457	0.661	1.041	0.576	0.28	127.85	-12.78

Darussalam	(0.273-0.669)	(0.394-0.962)	(0.828-1.303)	(0.449-0.732)	(0.02,0.53)		
	47.849	0.603	129.993	0.922	1.03		
Bulgaria	(38.313-58.079)	(0.487-0.719)	(104.821-157.330)	(0.752-1.110)	(0.38,1.68)	171.67	52.82
	17.467	0.610	68.474	1.067	2.20		
Burkina Faso	(4.918-46.061)	(0.176-1.602)	(20.320-189.119)	(0.308-2.936)	(2.04,2.36)	292.03	74.86
	16.583	0.952	28.305	0.930	-0.20		
Burundi	(7.302-37.844)	(0.416-2.083)	(11.436-64.039)	(0.360-2.141)	(-0.60,0.20)	70.68	-2.27
	2.010	0.835	8.876	2.187	3.00		
Cabo Verde	(0.580-4.548)	(0.242-1.910)	(4.714-14.842)	(1.173-3.661)	(2.74,3.26)	341.47	161.78
	2.199	0.062	8.101	0.086	0.90		
Cambodia	(1.345-3.564)	(0.038-0.099)	(3.469-15.463)	(0.038-0.159)	(0.81,0.99)	268.42	37.84
	33.433	1.107	166.590	1.983	1.84		
Cameroon	(14.227-64.826)	(0.469-2.136)	(85.595-300.146)	(1.033-3.510)	(1.70,1.98)	398.28	79.02
	693.298	2.206	1163.802	1.368	-1.98		
Canada	(616.434-740.861)	(1.943-2.362)	(981.181-1293.709)	(1.167-1.515)	(-2.21,-1.75)	67.86	-38
	7.261	0.995	16.891	1.283	0.93		
Central African Republic	(2.995-13.631)	(0.424-1.862)	(7.447-31.055)	(0.591-2.414)	(0.87,0.98)	132.61	29
	13.015	0.596	39.638	1.036	1.79		
Chad	(4.048-29.793)	(0.183-1.428)	(13.396-88.661)	(0.349-2.322)	(1.73,1.85)	204.56	74.01
	90.146	1.115	203.357	0.765	-0.45		
Chile	(82.440-96.758)	(1.007-1.200)	(175.602-224.101)	(0.662-0.842)	(-1.36,0.47)	125.59	-31.4
	568.990	0.105	2332.408	0.131	0.78		
China	(419.516-717.601)	(0.077-0.130)	(1807.660-2953.577)	(0.102-0.165)	(0.62,0.95)	309.92	25.51
	93.679	0.682	254.586	0.444	-1.96		
Colombia	(86.255-99.655)	(0.622-0.728)	(208.818-301.878)	(0.365-0.526)	(-2.68,-1.25)	171.76	-34.92
	1.017	0.789	3.287	0.946	0.43		
Comoros	(0.365-2.289)	(0.269-1.713)	(0.871-7.018)	(0.252-2.088)	(0.31,0.54)	223.17	19.94
	13.211	1.866	46.614	2.773	1.33		
Congo	(7.862-22.008)	(1.187-3.049)	(31.924-68.695)	(1.821-4.050)	(1.19,1.48)	252.83	48.63

Cook Islands	0.018 (0.012-0.025)	0.188 (0.125-0.257)	0.059 (0.040-0.096)	0.253 (0.170-0.418)	0.86 (0.57,1.16)	226.3	34.58
Costa Rica	8.692 (7.678-9.788)	0.559 (0.493-0.633)	25.734 (21.284-29.610)	0.448 (0.373-0.513)	-1.56 (-1.98,-1.13)	196.06	-19.88
Croatia	173.449 (154.687-193.108)	3.454 (3.077-3.837)	336.598 (287.532-386.669)	3.386 (2.893-3.897)	-0.36 (-0.65,-0.06)	94.06	-1.96
Cuba	194.926 (176.518-212.743)	2.130 (1.908-2.334)	639.087 (550.193-725.251)	2.971 (2.565-3.365)	1.22 (1.05,1.39)	227.86	39.54
Cyprus	9.959 (7.427-14.477)	2.227 (1.533-3.273)	24.876 (18.593-33.568)	1.664 (1.253-2.228)	-1.21 (-1.39,-1.02)	149.78	-25.3
Czechia	307.806 (266.024-353.265)	2.364 (2.059-2.693)	548.088 (456.702-640.604)	2.336 (1.936-2.735)	-0.80 (-1.68,0.10)	78.06	-1.2
Côte d'Ivoire	22.961 (8.948-51.175)	1.001 (0.397-2.208)	109.215 (47.287-231.197)	1.550 (0.686-3.206)	1.14 (0.99,1.29)	375.65	54.86
Democratic People's Republic of Korea	8.612 (5.437-12.272)	0.076 (0.047-0.112)	26.859 (17.658-41.335)	0.096 (0.060-0.153)	0.99 (0.85,1.14)	211.88	27.21
Democratic Republic of the Congo	110.874 (42.786-228.228)	1.161 (0.440-2.399)	379.438 (168.475-735.739)	1.605 (0.728-3.161)	1.11 (0.68,1.55)	242.22	38.31
Denmark	251.196 (222.246-276.359)	2.844 (2.506-3.117)	224.563 (186.602-252.365)	1.583 (1.328-1.771)	-2.51 (-2.88,-2.13)	-10.6	-44.35
Djibouti	0.937 (0.553-1.829)	1.242 (0.736-2.261)	6.239 (3.283-10.943)	1.732 (0.886-3.046)	1.17 (1.08,1.26)	565.8	39.48
Dominica	0.682 (0.515-0.878)	1.250 (0.938-1.612)	1.206 (0.944-1.493)	1.634 (1.274-2.028)	0.70 (0.56,0.83)	76.91	30.7
Dominican Republic	7.990 (6.004-10.094)	0.307 (0.234-0.396)	35.008 (24.939-48.683)	0.370 (0.263-0.514)	1.12 (0.75,1.48)	338.13	20.35
Ecuador	0.865 (0.750-0.992)	0.020 (0.017-0.023)	27.969 (22.090-35.491)	0.198 (0.159-0.247)	8.95 (8.04,9.87)	3133.36	895.47
Egypt	13.728 (8.272-20.188)	0.082 (0.047-0.117)	46.885 (36.063-62.232)	0.115 (0.088-0.142)	1.33 (1.20,1.46)	241.54	39.85

	)	123)	)	152)	5)		
	9.967	0.356	26.421	0.358	-0.12		
El Salvador	(5.540-16.302	(0.199-0.	(17.197-41.373	(0.243-0.	(-0.27,0.	165.09	0.52
	)	577)	)	532)	02)		
		1.182		2.743	3.12		
Equatorial Guinea	1.590	(0.557-2.	9.126	(1.546-4.	(3.02,3.2	473.9	132.1
	(0.733-2.888)	193)	(5.176-14.625)	336)	1)		
		0.629		1.186	1.96		
Eritrea	4.133	(0.387-1.	18.205	(0.614-2.	(1.85,2.0	340.53	88.57
	(2.452-9.674)	356)	(9.489-37.410)	437)	8)		
		0.848	38.746	1.166	0.97		
Estonia	16.718	(0.733-0.	(32.616-45.405	(0.990-1.	(0.19,1.7	131.76	37.43
	(14.383-19.41	980)	)	368)	5)		
	4)						
		1.333		1.822	1.43		
Eswatini	2.982	(0.684-2.	8.376	(1.103-2.	(1.06,1.8	180.85	36.69
	(1.456-5.638)	433)	(4.765-14.144)	913)	0)		
		0.577	291.284	0.938	1.69		
Ethiopia	70.980	(0.248-1.	(147.539-494.2	(0.458-1.	(1.49,1.8	310.38	62.55
	(29.802-134.2	104)	71)	612)	9)		
	25)						
		0.227		0.297	0.57		
Fiji	0.541	(0.167-0.	1.436	(0.201-0.	(0.12,1.0	165.4	30.74
	(0.397-0.733)	314)	(0.979-2.072)	437)	2)		
		2.388	293.133	1.738	-0.01		
Finland	166.193	(2.036-2.	(238.626-332.4	(1.448-1.	(-0.78,0.	76.38	-27.25
	(142.642-186.	675)	69)	972)	77)		
	218)						
	523.355	0.590	1110.321	0.537	-0.10		
France	(466.003-570.	(0.524-0.	(913.673-1276.	(0.453-0.	(-0.88,0.	112.15	-8.97
	760)	645)	898)	612)	68)		
	8.983	1.982	22.862	3.133	1.45		
Gabon	(4.919-14.973	(1.096-3.	(16.179-32.133	(2.213-4.	(1.39,1.5	154.51	58.07
	)	302)	)	475)	2)		
		0.967		1.675	1.78		
Gambia	2.329	(0.368-2.	11.963	(0.812-3.	(1.69,1.8	413.66	73.23
	(0.869-4.996)	140)	(5.907-23.815)	425)	7)		
		0.016	55.253	0.860	16.71		
Georgia	0.892	(0.013-0.	(46.267-64.295	(0.722-1.	(14.12,1	6096.1	5426.3
	(0.726-1.086)	019)	)	003)	9.35)		4
		1.788	4890.759	2.039	1.49		
Germany	2365.465	(1.578-1.	(4074.439-544	(1.717-2.	(0.49,2.5	106.76	13.99
	(2094.675-26	968)	0.581)	261)	0)		
	06.979)						
	52.789	1.336	220.052	2.007	1.30		
Ghana	(30.933-92.40	(0.789-2.	(146.189-340.7	(1.274-3.	(1.23,1.3	316.85	50.2
	8)	342)	48)	116)	7)		
Greece	59.127	0.427	192.556	0.555	0.66	225.67	29.84

	(53.241-64.229)	(0.382-0.464)	(161.970-215.401)	(0.473-0.614)	(0.15,1.18)		
Greenland	0.824 (0.697-0.959)	3.867 (3.252-4.502)	0.924 (0.724-1.220)	1.895 (1.455-2.473)	-2.55 (-2.76,-2.35)	12.09	-51
Grenada	1.525 (1.257-1.854)	1.827 (1.504-2.214)	2.539 (2.196-2.844)	2.950 (2.556-3.310)	1.42 (1.17,1.67)	66.49	61.51
Guam	0.011 (0.009-0.013)	0.038 (0.029-0.052)	0.165 (0.136-0.198)	0.075 (0.063-0.090)	3.53 (0.81,6.33)	1426.81	98.93
Guatemala	1.750 (1.533-1.991)	0.098 (0.086-0.113)	5.407 (4.565-6.241)	0.064 (0.054-0.073)	-1.71 (-2.00,-1.42)	208.95	-34.65
Guinea	18.499 (7.042-40.260)	0.722 (0.268-1.630)	56.095 (22.997-120.999)	1.325 (0.530-2.902)	2.07 (1.99,2.15)	203.24	83.56
Guinea-Bissau	2.292 (0.874-5.301)	0.870 (0.341-1.999)	5.814 (3.050-11.666)	1.358 (0.706-2.725)	1.52 (1.48,1.56)	153.64	56.17
Guyana	1.694 (1.475-1.906)	0.540 (0.470-0.605)	4.402 (3.469-5.574)	0.873 (0.698-1.085)	1.69 (1.20,2.19)	159.88	61.82
Haiti	19.200 (10.950-32.020)	0.937 (0.546-1.556)	50.432 (28.707-80.051)	1.052 (0.614-1.624)	0.43 (0.39,0.46)	162.66	12.21
Honduras	6.638 (3.061-10.247)	0.494 (0.215-0.797)	26.304 (19.276-34.822)	0.600 (0.433-0.804)	0.49 (0.31,0.66)	296.24	21.47
Hungary	886.609 (808.001-964.353)	6.515 (5.897-7.095)	788.919 (662.552-914.347)	3.718 (3.122-4.335)	-3.10 (-3.87,-2.33)	-11.02	-42.94
Iceland	1.632 (1.418-1.795)	0.522 (0.454-0.574)	3.059 (2.427-3.513)	0.418 (0.336-0.479)	-0.69 (-1.19,-0.18)	87.48	-19.84
India	388.023 (220.479-624.139)	0.122 (0.070-0.194)	2273.214 (1476.756-3810.040)	0.246 (0.159-0.414)	2.65 (2.36,2.94)	485.85	101.75
Indonesia	57.109 (44.617-73.087)	0.074 (0.057-0.095)	261.928 (159.732-410.298)	0.152 (0.095-0.220)	2.27 (2.05,2.48)	358.65	104.49
Iran (Islamic Republic of)	5.470 (2.998-8.138)	0.034 (0.019-0.049)	78.405 (63.562-95.985)	0.122 (0.099-0.149)	5.71 (4.93,6.50)	1333.3	264.34

Iraq	5.974	0.082	25.325	0.141	1.51	323.89	72.3
	(3.617-8.328)	(0.049-0.115)	(18.055-34.450)	(0.100-0.194)	(1.21,1.81)		
Ireland	155.154	4.043	155.511	1.790	-2.68	0.23	-55.72
	(142.199-165.732)	(3.661-4.328)	(127.277-177.847)	(1.472-2.049)	(-2.86,-2.50)		
Israel	73.350	1.727	201.608	1.414	-0.23	174.86	-18.09
	(66.338-81.039)	(1.543-1.904)	(166.331-225.963)	(1.176-1.588)	(-0.96,0.51)		
Italy	2222.816	2.601	2430.180	1.168	-2.58	9.33	-55.1
	(1990.884-2378.769)	(2.301-2.794)	(1971.347-2774.061)	(0.966-1.333)	(-2.95,-2.22)		
Jamaica	41.555	2.235	85.482	2.413	0.19	105.71	7.96
	(34.836-48.346)	(1.874-2.603)	(67.578-107.568)	(1.913-3.033)	(-0.07,0.46)		
Japan	556.801	0.381	2210.517	0.352	0.19	297	-7.43
	(493.484-594.303)	(0.331-0.410)	(1685.375-2544.967)	(0.282-0.397)	(-0.25,0.63)		
Jordan	0.118	0.012	2.389	0.047	6.37	1916.71	277.79
	(0.092-0.155)	(0.010-0.016)	(1.800-3.092)	(0.036-0.060)	(5.34,7.41)		
Kazakhstan	8.505	0.080	31.913	0.236	2.55	275.21	193.23
	(6.666-10.656)	(0.062-0.102)	(26.417-38.486)	(0.191-0.287)	(1.65,3.46)		
Kenya	41.201	0.724	190.111	1.331	1.96	361.43	83.89
	(23.886-72.694)	(0.413-1.256)	(120.606-296.829)	(0.824-2.088)	(1.93,2.00)		
Kiribati	0.044	0.140	0.184	0.282	2.02	322.65	102.3
	(0.015-0.090)	(0.045-0.278)	(0.078-0.358)	(0.116-0.529)	(1.52,2.53)		
Kuwait	0.414	0.086	3.369	0.157	4.99	713.59	81.22
	(0.366-0.469)	(0.076-0.097)	(2.641-4.105)	(0.122-0.190)	(0.65,9.52)		
Kyrgyzstan	8.459	0.333	23.419	0.619	1.69	176.85	85.82
	(6.462-10.641)	(0.252-0.422)	(18.848-28.415)	(0.509-0.741)	(0.67,2.72)		
Lao People's Democratic Republic	1.410	0.085	5.380	0.151	2.05	281.54	77.32
	(0.529-2.512)	(0.033-0.149)	(3.404-8.009)	(0.097-0.220)	(1.99,2.11)		
Latvia	69.670	2.036	111.360	2.363	0.74	59.84	16.07
	(62.208-77.305)	(1.813-2.256)	(92.460-129.623)	(1.982-2.747)	(0.10,1.38)		
Lebanon	6.847	0.378	26.283	0.396	0.30	283.86	4.97
	(3.013-11.917)	(0.166-0.589)	(20.629-33.256)	(0.311-0.481)	(0.06,0.54)		

	)	653)	)	502)	5)		
		0.678		1.263	2.64		
Lesotho	4.713 (2.574-9.138)	(0.372-1.251)	11.087 (4.494-18.789)	(0.518-2.011)	(2.34,2.94)	135.27	86.28
	7.379	0.897	18.852	1.385	1.61		
Liberia	(2.344-16.411)	(0.284-2.048)	(6.746-41.762)	(0.487-3.010)	(1.48,1.74)	155.47	54.49
	0.052	0.003	1.037	0.025	8.76		
Libya	(0.028-0.096)	(0.002-0.006)	(0.531-1.863)	(0.013-0.045)	(7.93,9.59)	1902.48	676.49
	76.621	1.719	118.106	1.767	0.13		
Lithuania	(66.824-90.044)	(1.501-2.004)	(101.618-134.836)	(1.521-2.017)	(-0.45,0.70)	54.14	2.8
	5.265	1.020	9.124	0.723	-1.12		
Luxembourg	(4.856-5.616)	(0.941-1.087)	(7.752-10.259)	(0.618-0.809)	(-1.55,-0.68)	73.28	-29.1
	49.276	1.378	109.799	1.696	0.78		
Madagascar	(26.066-105.502)	(0.713-2.944)	(63.002-230.967)	(0.958-3.531)	(0.58,0.97)	122.83	23.12
	13.750	0.586	53.517	1.072	2.03		
Malawi	(5.242-31.408)	(0.211-1.342)	(20.595-115.351)	(0.394-2.250)	(1.95,2.11)	289.2	83.13
	6.887	0.086	30.820	0.138	1.63		
Malaysia	(4.692-9.162)	(0.058-0.116)	(24.771-37.343)	(0.108-0.172)	(1.38,1.87)	347.54	59.62
	0.015	0.028	0.184	0.075	3.18		
Maldives	(0.010-0.024)	(0.018-0.041)	(0.127-0.264)	(0.051-0.108)	(3.01,3.35)	1095.67	171.09
	12.245	0.502	49.631	0.870	2.07		
Mali	(4.466-27.961)	(0.175-1.193)	(18.653-106.868)	(0.324-1.888)	(1.87,2.26)	305.32	73.43
	7.714	2.036	17.301	1.476	-1.07		
Malta	(6.924-8.353)	(1.796-2.212)	(14.303-19.984)	(1.230-1.706)	(-1.51,-0.63)	124.27	-27.51
	0.014	0.106	0.061	0.228	2.47		
Marshall Islands	(0.006-0.023)	(0.049-0.172)	(0.033-0.099)	(0.129-0.348)	(2.15,2.80)	345.33	115.82
	9.814	1.329	30.738	1.916	0.95		
Mauritania	(5.475-16.201)	(0.715-2.245)	(17.875-56.768)	(1.114-3.509)	(0.85,1.05)	213.22	44.19
	0.926	0.147	17.435	1.022	5.99		
Mauritius	(0.851-1.020)	(0.135-0.161)	(15.487-19.084)	(0.905-1.120)	(4.30,7.70)	1783.24	595.14
	294.014	1.005	498.249	0.456	-2.94	69.46	-54.64
Mexico							

	(275.227-311.713)	(0.934-1.067)	(435.196-560.684)	(0.399-0.511)	(-3.27,-2.61)		
Micronesia (Federated States of)	0.073 (0.042-0.114)	0.183 (0.101-0.273)	0.199 (0.129-0.294)	0.308 (0.202-0.443)	1.55 (1.21,1.90)	172.19	68.28
Monaco	1.369 (0.994-1.765)	1.635 (1.193-2.100)	2.131 (1.489-2.895)	1.645 (1.176-2.233)	0.07 (-0.13,0.27)	55.61	0.62
Mongolia	2.632 (1.500-4.165)	0.312 (0.175-0.499)	18.407 (12.064-26.930)	1.227 (0.782-1.867)	4.99 (4.34,5.64)	599.38	293.58
Montenegro	0.931 (0.729-1.162)	0.166 (0.131-0.207)	1.968 (1.461-2.645)	0.237 (0.176-0.320)	1.37 (0.96,1.79)	111.25	42.96
Morocco	0.410 (0.148-0.669)	0.003 (0.001-0.006)	9.740 (5.985-14.594)	0.035 (0.021-0.053)	9.25 (8.59,9.90)	2273.06	903.37
Mozambique	30.372 (11.653-65.452)	0.801 (0.308-1.714)	113.233 (52.360-246.658)	1.535 (0.740-3.325)	2.64 (2.48,2.80)	272.82	91.61
Myanmar	21.720 (11.658-34.009)	0.117 (0.063-0.179)	57.083 (39.436-81.039)	0.142 (0.099-0.199)	0.67 (0.59,0.74)	162.81	21.83
Namibia	7.045 (4.320-10.752)	1.467 (0.961-2.214)	21.853 (14.055-30.532)	2.058 (1.389-2.877)	1.11 (0.93,1.28)	210.18	40.33
Nauru	0.009 (0.006-0.015)	0.296 (0.177-0.431)	0.017 (0.010-0.025)	0.391 (0.220-0.673)	0.60 (0.36,0.83)	77.13	32.24
Nepal	8.091 (2.867-14.177)	0.135 (0.046-0.239)	47.478 (23.969-78.951)	0.287 (0.139-0.485)	2.47 (2.32,2.63)	486.8	112.49
Netherlands	634.547 (564.938-686.606)	3.128 (2.774-3.391)	1078.249 (907.591-1200.133)	2.623 (2.218-2.919)	-0.61 (-0.75,-0.47)	69.92	-16.13
New Zealand	92.627 (83.361-99.451)	2.504 (2.225-2.701)	159.347 (129.006-181.188)	1.646 (1.340-1.873)	-1.53 (-2.21,-0.85)	72.03	-34.29
Nicaragua	1.139 (0.899-1.361)	0.095 (0.074-0.114)	3.683 (2.909-4.537)	0.094 (0.074-0.115)	-0.00 (-0.19,0.18)	223.23	-0.82
Niger	4.931 (0.888-14.361)	0.320 (0.053-0.965)	21.423 (3.557-65.424)	0.438 (0.066-1.332)	1.11 (0.97,1.25)	334.47	36.91

		313.445	1.045	788.639	1.351	0.76		
Nigeria		(173.200-623.870)	(0.561-2.063)	(374.921-1659.181)	(0.629-2.851)	(0.68,0.84)	151.6	29.29
Niue		0.003 (0.002-0.005)	0.151 (0.098-0.217)	0.005 (0.004-0.007)	0.253 (0.192-0.347)	1.36 (1.00,1.72)	46.89	67.43
North Macedonia		6.537 (3.555-9.824)	0.436 (0.231-0.664)	15.032 (8.709-23.210)	0.684 (0.427-1.029)	0.99 (0.65,1.32)	129.94	56.64
Northern Mariana Islands		0.008 (0.005-0.012)	0.080 (0.050-0.112)	0.120 (0.082-0.166)	0.300 (0.210-0.402)	6.45 (5.28,7.63)	1403.86	276.57
Norway		246.445 (217.867-264.466)	3.152 (2.788-3.382)	121.541 (99.030-134.743)	0.957 (0.787-1.058)	-4.32 (-4.78,-3.86)	-50.68	-69.66
Oman		0.145 (0.062-0.247)	0.025 (0.011-0.043)	0.803 (0.408-1.524)	0.057 (0.032-0.091)	3.13 (2.81,3.45)	452.2	126.8
Pakistan		74.453 (32.600-119.669)	0.171 (0.075-0.275)	254.616 (136.709-438.496)	0.323 (0.170-0.562)	1.85 (1.53,2.17)	241.98	88.87
Palau		0.012 (0.008-0.018)	0.161 (0.109-0.223)	0.040 (0.030-0.053)	0.270 (0.195-0.381)	1.84 (1.52,2.16)	234.02	67.61
Palestine		0.167 (0.092-0.254)	0.024 (0.013-0.036)	0.496 (0.366-0.672)	0.028 (0.021-0.040)	0.33 (0.20,0.46)	197.47	16.36
Panama		16.952 (14.996-18.587)	1.302 (1.147-1.432)	51.083 (39.228-60.863)	1.081 (0.832-1.288)	-1.27 (-1.70,-0.84)	201.34	-16.95
Papua New Guinea	New	0.761 (0.237-1.481)	0.053 (0.017-0.107)	3.902 (1.616-6.987)	0.091 (0.035-0.166)	1.51 (1.17,1.84)	412.43	70.77
Paraguay		6.660 (5.134-8.539)	0.341 (0.264-0.437)	22.450 (16.838-29.098)	0.425 (0.315-0.553)	0.84 (0.73,0.94)	237.12	24.69
Peru		9.371 (7.117-12.086)	0.091 (0.069-0.118)	41.523 (29.751-57.825)	0.122 (0.088-0.168)	1.19 (0.78,1.60)	343.1	34.45
Philippines		37.275 (30.563-44.188)	0.169 (0.142-0.191)	138.942 (113.147-169.301)	0.206 (0.171-0.246)	0.67 (0.38,0.95)	272.74	22.08
Poland		1363.035 (1216.970-15	3.432 (3.050-3.	3137.952 (2733.437-354	3.952 (3.449-4.	0.41 (0.21,0.6	130.22	15.16

	02.833)	809)	0.259)	455)	0)		
	423.338	3.649	762.921	2.313	-1.64		
Portugal	(387.330-451.060)	(3.301-3.895)	(632.461-851.466)	(1.934-2.573)	(-1.99,-1.30)	80.22	-36.62
	44.632	1.459	139.866	1.443	-0.41		
Puerto Rico	(40.363-48.382)	(1.321-1.571)	(111.179-169.042)	(1.184-1.714)	(-0.65,-0.17)	213.37	-1.07
	0.156	0.275	2.247	0.518	3.58		
Qatar	(0.112-0.211)	(0.196-0.372)	(1.356-4.045)	(0.332-0.843)	(2.38,4.78)	1335.91	87.96
	66.716	0.361	258.082	0.288	-1.20		
Republic of Korea	(49.637-86.366)	(0.281-0.457)	(204.030-310.769)	(0.225-0.347)	(-1.49,-0.92)	286.83	-20.14
Republic of Moldova	23.315	0.706	56.840	0.925	1.03		
	(20.649-26.033)	(0.623-0.793)	(48.456-65.712)	(0.791-1.067)	(0.44,1.62)	143.79	31.11
	435.578	1.907	1057.064	2.667	0.34		
Romania	(384.999-497.843)	(1.702-2.154)	(902.939-1209.466)	(2.272-3.066)	(-0.25,0.92)	142.68	39.88
	7679.710	5.020	5847.796	2.372	-3.09		
Russian Federation	(6820.152-8816.020)	(4.409-5.721)	(5328.039-6344.886)	(2.160-2.570)	(-3.50,-2.69)	-23.85	-52.75
	14.847	0.824	34.578	0.893	-0.02		
Rwanda	(3.566-32.913)	(0.185-1.813)	(6.200-80.334)	(0.157-2.095)	(-0.31,0.28)	132.9	8.42
	0.935	2.815	1.696	3.616	0.93		
Saint Kitts and Nevis	(0.817-1.053)	(2.443-3.143)	(1.437-1.978)	(3.078-4.178)	(0.75,1.11)	81.37	28.47
	2.690	4.367	7.468	3.381	-1.52		
Saint Lucia	(2.426-2.956)	(3.914-4.912)	(6.125-8.863)	(2.783-4.017)	(-1.95,-1.08)	177.6	-22.57
	0.856	1.461	1.544	1.303	-0.27		
Saint Vincent and the Grenadines	(0.773-0.935)	(1.311-1.608)	(1.353-1.756)	(1.145-1.482)	(-0.51,-0.02)	80.41	-10.82
	0.103	0.141	0.258	0.208	1.13		
Samoa	(0.052-0.180)	(0.071-0.252)	(0.150-0.464)	(0.121-0.376)	(0.83,1.43)	151.02	47.04
	0.426	1.120	0.802	0.662	-0.87		
San Marino	(0.325-0.543)	(0.851-1.433)	(0.464-1.280)	(0.386-1.030)	(-1.29,-0.46)	88.17	-40.9
	0.428	0.853	1.342	1.768	2.85		
Sao Tome and Principe	(0.163-0.894)	(0.306-1.819)	(0.759-2.569)	(0.972-3.434)	(2.63,3.08)	213.55	107.21
Saudi Arabia	1.253	0.030	6.336	0.053	2.00	405.79	76.45

	(0.753-1.912)	(0.018-0.047)	(4.654-8.236)	(0.039-0.070)	(1.82,2.17)		
	22.844	0.960	94.526	1.682	1.73		
Senegal	(7.392-50.960)	(0.310-2.168)	(41.337-200.096)	(0.726-3.556)	(1.67,1.79)	313.78	75.22
	77.273	1.045	166.277	0.953	-0.67		
Serbia	(58.424-97.221)	(0.784-1.307)	(133.472-206.457)	(0.763-1.182)	(-1.04,-0.29)	115.18	-8.75
	0.082	0.147	0.186	0.186	0.82		
Seychelles	(0.047-0.138)	(0.085-0.249)	(0.090-0.276)	(0.094-0.277)	(0.60,1.04)	127.81	26.79
	13.964	0.857	33.827	1.239	1.32		
Sierra Leone	(4.462-32.506)	(0.270-2.063)	(13.910-77.254)	(0.506-2.810)	(1.25,1.39)	142.25	44.65
	12.940	0.802	58.733	0.716	0.03		
Singapore	(11.793-14.000)	(0.726-0.873)	(48.289-66.205)	(0.591-0.805)	(-0.21,0.28)	353.88	-10.63
	54.290	0.970	106.732	1.117	0.63		
Slovakia	(43.826-65.719)	(0.783-1.171)	(85.716-137.907)	(0.900-1.433)	(0.51,0.75)	96.6	15.19
	35.161	1.470	112.806	1.991	-0.45		
Slovenia	(31.151-39.642)	(1.293-1.656)	(87.973-139.069)	(1.562-2.458)	(-1.46,0.57)	220.83	35.42
	0.088	0.088	0.457	0.168	2.04		
Solomon Islands	(0.019-0.169)	(0.019-0.170)	(0.196-0.779)	(0.064-0.310)	(1.82,2.27)	421.71	90.67
	6.820	0.489	16.112	0.462	0.05		
Somalia	(1.853-17.596)	(0.129-1.247)	(3.745-46.800)	(0.114-1.331)	(-0.07,0.18)	136.23	-5.51
	275.276	1.534	890.154	2.250	1.43		
South Africa	(215.306-352.580)	(1.185-1.949)	(776.282-1002.365)	(1.978-2.531)	(1.17,1.69)	223.37	46.64
	16.420	0.840	23.485	0.945	0.39		
South Sudan	(5.992-39.299)	(0.317-1.885)	(8.215-53.635)	(0.330-2.194)	(0.29,0.49)	43.03	12.48
	1023.919	1.983	1684.524	1.241	-2.05		
Spain	(912.629-1100.535)	(1.754-2.137)	(1382.065-1904.902)	(1.048-1.397)	(-2.35,-1.76)	64.52	-37.42
	6.032	0.072	21.487	0.093	1.33		
Sri Lanka	(4.290-8.165)	(0.052-0.097)	(14.195-29.886)	(0.061-0.129)	(1.08,1.59)	256.21	28.79
	0.177	0.002	4.267	0.029	9.72		
Sudan	(0.056-0.321)	(0.001-0.004)	(2.607-6.690)	(0.017-0.044)	(9.06,10.38)	2316.95	1048.28

Suriname		0.591 (0.452-0.752)	0.264 (0.202-0.336)	1.676 (1.171-2.380)	0.288 (0.201-0.412)	0.50 (0.33,0.68)	183.77	9.4
Sweden		478.816 (420.382-521.503)	2.762 (2.415-3.005)	246.744 (197.004-283.955)	0.839 (0.680-0.964)	-3.51 (-3.77,-3.24)	-48.47	-69.61
Switzerland		210.043 (182.065-233.106)	1.814 (1.568-2.020)	242.364 (195.708-275.591)	0.978 (0.804-1.115)	-2.24 (-2.49,-1.99)	15.39	-46.05
Syrian Republic	Arab	0.251 (0.133-0.374)	0.006 (0.003-0.009)	3.881 (2.566-6.082)	0.041 (0.028-0.063)	7.38 (6.74,8.03)	1447.82	580.63
Taiwan (Province of China)		2.141 (1.991-2.283)	0.019 (0.017-0.020)	17.731 (15.061-20.049)	0.040 (0.034-0.045)	4.46 (2.13,6.85)	728.21	109.1
Tajikistan		4.377 (2.127-7.699)	0.189 (0.091-0.335)	7.516 (4.336-13.051)	0.196 (0.117-0.332)	0.08 (-0.33,0.49)	71.7	3.92
Thailand		6.824 (4.758-9.204)	0.025 (0.017-0.035)	49.764 (35.224-66.566)	0.045 (0.032-0.059)	1.48 (0.97,1.99)	629.21	79.63
Timor-Leste		0.122 (0.056-0.181)	0.061 (0.028-0.091)	0.729 (0.468-1.162)	0.106 (0.067-0.166)	1.89 (1.81,1.97)	497.87	74.17
Togo		8.130 (3.699-17.032)	0.989 (0.447-2.051)	35.093 (17.765-70.355)	1.485 (0.747-2.979)	1.20 (1.14,1.26)	331.65	50.13
Tokelau		0.002 (0.001-0.003)	0.159 (0.086-0.254)	0.003 (0.002-0.006)	0.252 (0.161-0.419)	1.35 (1.03,1.66)	102.34	58.43
Tonga		0.072 (0.037-0.113)	0.160 (0.085-0.252)	0.165 (0.097-0.264)	0.219 (0.130-0.351)	0.78 (0.38,1.19)	130.25	36.98
Trinidad and Tobago		10.073 (9.048-11.161)	1.567 (1.383-1.783)	23.274 (17.986-29.487)	1.268 (0.984-1.600)	-0.90 (-1.10,-0.71)	131.05	-19.09
Tunisia		0.234 (0.135-0.364)	0.006 (0.004-0.010)	5.892 (3.225-11.109)	0.052 (0.029-0.100)	8.29 (7.61,8.97)	2416.15	734.72
Turkmenistan		3.719 (2.992-4.709)	0.247 (0.196-0.318)	11.181 (8.012-15.452)	0.344 (0.250-0.470)	0.75 (0.51,1.00)	200.63	39.22
Tuvalu		0.006 (0.003-0.010)	0.112 (0.054-0.170)	0.020 (0.013-0.029)	0.234 (0.148-0.320)	2.25 (1.89,2.61)	225.43	109.03

		178)	347)	0)			
		198.402	0.678	707.866	0.845	1.21	
Türkiye		(136.962-284.669)	(0.471-0.960)	(538.007-882.871)	(0.640-1.071)	(0.85,1.58)	256.78 24.75
		30.538	0.677	111.675	1.112	1.59	
Uganda		(9.688-73.770)	(0.220-1.643)	(54.639-224.516)	(0.553-2.241)	(1.54,1.64)	265.69 64.25
		2100.009	3.359	3189.140	3.939	0.23	
Ukraine		(1771.675-2444.955)	(2.831-3.932)	(2476.453-4004.927)	(3.045-4.938)	(0.07,0.39)	51.86 17.26
United Arab Emirates		2.865	0.992	19.408	1.310	3.53	
		(1.595-4.438)	(0.544-1.472)	(14.726-25.479)	(0.935-1.769)	(2.40,4.68)	577.43 32.07
		3058.179	3.225	3177.298	1.979	-2.04	
United Kingdom		(2796.348-3258.731)	(2.919-3.453)	(2717.204-3452.115)	(1.710-2.144)	(-2.32,-1.76)	3.9 -38.64
United Republic of Tanzania		67.738	0.917	221.893	1.211	0.70	
		(30.316-141.300)	(0.388-1.952)	(76.549-495.724)	(0.416-2.729)	(0.52,0.88)	227.57 32.04
United States Virgin Islands		1.214	2.274	3.213	2.040	-0.18	
		(0.936-1.528)	(1.708-2.970)	(2.212-4.519)	(1.348-2.936)	(-0.36,0.01)	164.75 -10.31
United States of America		5756.474	1.715	11112.135	1.717	-0.61	
		(5098.357-6129.893)	(1.519-1.828)	(9494.954-12127.877)	(1.482-1.869)	(-0.97,-0.26)	93.04 0.13
Uruguay		2.298	0.060	4.288	0.062	-0.03	
		(2.063-2.526)	(0.054-0.066)	(3.712-4.754)	(0.054-0.068)	(-0.48,0.42)	86.57 2.71
Uzbekistan		3.510	0.035	21.452	0.113	3.80	
		(2.160-5.279)	(0.021-0.053)	(16.576-26.987)	(0.088-0.144)	(2.89,4.72)	511.17 226.43
Vanuatu		0.044	0.097	0.201	0.148	1.09	
		(0.013-0.086)	(0.028-0.175)	(0.084-0.350)	(0.059-0.249)	(0.73,1.45)	354.27 52.55
Venezuela (Bolivarian Republic of)		35.291	0.461	92.137	0.336	-1.59	
		(31.735-38.960)	(0.409-0.515)	(68.857-116.962)	(0.251-0.424)	(-1.97,-1.20)	161.07 -27.14
Viet Nam		27.271	0.078	120.251	0.144	2.12	
		(19.398-38.021)	(0.055-0.109)	(77.912-177.889)	(0.095-0.210)	(2.03,2.21)	340.94 84.42
Yemen		0.089	0.003	2.762	0.027	9.39	
		(0.025-0.165)	(0.001-0.005)	(1.436-4.881)	(0.014-0.047)	(8.69,10.08)	3010.59 950.71
Zambia		20.068	1.073	101.957	2.210	2.74	408.07 106.03

	(11.478-39.410)	(0.592-2.033)	(45.314-211.846)	(1.021-4.350)	(2.44,3.05)		
	2.173	0.068	4.863	0.087	0.74		
Zimbabwe	(1.675-2.844)	(0.053-0.090)	(3.677-6.498)	(0.065-0.115)	(0.53,0.95)	123.82	26.86

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

Supplementary materials Table 8 The case number and ASR of DALYs of LE-PAD in 1990 and 2021, and its temporal trends from 1990 to 2021, categorized by 204 countries and territories.

Location name	1990		2021		1990-2021		
	Case number (95% UI)	ASR (95% UI)	Case number (95% UI)	ASR (95% UI)	EAPC (95% CI)	RC of number s (%)	RC of ASR (%)
Afghanistan	241.518 (116.210-480.679)	4.008 (1.953-7.856)	360.402 (179.076-679.012)	5.132 (2.593-9.759)	0.91 (0.87,0.96)	49.22	28.04
Albania	141.874 (90.040-228.467)	7.916 (5.072-12.557)	379.279 (235.747-577.771)	8.541 (5.356-12.875)	0.32 (0.25,0.39)	167.34	7.9
Algeria	525.130 (246.371-1028.663)	4.829 (2.336-9.391)	1780.563 (947.256-3246.254)	5.649 (3.058-10.153)	0.55 (0.52,0.57)	239.07	16.97
American Samoa	5.271 (3.792-7.247)	25.314 (18.472-34.611)	10.288 (7.477-14.218)	22.970 (16.612-32.996)	-0.63 (-1.10,-0.15)	95.18	-9.26
Andorra	18.074 (12.067-25.675)	35.150 (23.592-49.301)	39.015 (25.574-55.749)	23.383 (15.205-33.248)	-1.28 (-1.45,-1.11)	115.87	-33.48
Angola	791.680 (440.967-1407.845)	25.813 (14.309-45.882)	3559.442 (2246.470-5994.037)	38.859 (24.307-64.369)	1.38 (1.25,1.52)	349.61	50.54
Antigua and Barbuda	16.215 (14.091-19.002)	28.913 (25.192-33.874)	30.510 (26.988-35.004)	31.367 (27.817-35.924)	0.23 (0.06,0.40)	88.16	8.49
Argentina	4768.335 (3424.573-7294.231)	15.279 (11.096-23.125)	7437.800 (5455.060-10871.767)	12.809 (9.411-18.706)	-0.52 (-0.66,-0.39)	55.98	-16.17
Armenia	1101.488 (889.982-1381.243)	45.294 (36.364-56.660)	1867.630 (1533.375-2239.818)	43.245 (35.469-51.950)	0.10 (-0.27,0.46)	69.56	-4.52
Australia	9963.680 (8892.916-11226.762)	52.897 (47.303-59.283)	12572.151 (10646.304-14783.205)	24.114 (20.556-28.542)	-2.74 (-2.92,-2.56)	26.18	-54.41
Austria	6788.992 (6004.937-7895.687)	54.871 (48.841-63.725)	6454.859 (5453.708-7832.731)	30.964 (26.225-38.138)	-1.47 (-2.06,-0.87)	-4.92	-43.57
Azerbaijan	388.542 (253.469-597.4)	8.771 (5.590-13.590)	1018.134 (544.616-1813.544)	11.422 (6.285-19.544)	1.09 (0.95,1.23)	162.04	30.23

	89)	483)	654)	347)	23)		
	47.826	33.679	138.217	37.142	0.34		
Bahamas	(41.739-54.929)	(29.312-38 .769)	(112.838-165.7 94)	(30.533-4 4.285)	(0.20,0. 48)	189	10.28
	17.359	12.942	172.707	26.355	3.44		
Bahrain	(12.532-24.345)	(9.346-18. 241)	(123.088-250.9 11)	(19.426-3 5.850)	(2.59,4. 29)	894.88	103.64
	2764.244	6.897	10779.715	8.860	0.86		
Bangladesh	(1382.397-4557 .092)	(3.434-11. 232)	(6683.187-1698 5.682)	(5.521-13. 861)	(0.77,0. 94)	289.97	28.46
	251.303	84.614	433.598	83.096	-0.10		
Barbados	(224.274-279.3 75)	(75.451-93 .289)	(353.513-524.1 25)	(68.105-1 00.439)	(-0.30, 0.10)	72.54	-1.79
	7666.255	60.046	12974.662	77.967	0.55		
Belarus	(6064.792-9565 .444)	(47.504-74 .999)	(10705.370-154 60.751)	(64.247-9 3.173)	(0.27,0. 83)	69.24	29.85
	3948.172	24.800	5052.810	18.918	-0.97		
Belgium	(3065.334-5503 .771)	(19.354-34 .380)	(3926.410-6893 .414)	(14.504-2 6.427)	(-1.31,- 0.63)	27.98	-23.72
	8.429	9.294	33.034	12.302	0.81		
Belize	(5.995-12.094)	(6.598-13. 347)	(26.934-44.180)	(9.964-16. 614)	(0.40,1. 22)	291.9	32.36
	273.205	15.459	893.024	21.323	1.09		
Benin	(129.224-499.5 40)	(7.297-28. 268)	(441.190-1716. 991)	(10.531-4 1.420)	(1.05,1. 12)	226.87	37.94
	38.238	67.683	69.184	45.426	-1.25		
Bermuda	(33.019-43.305)	(58.501-76 .521)	(58.881-83.680)	(38.733-5 5.085)	(-1.46,- 1.04)	80.93	-32.88
	10.145	5.590	41.734	7.571	1.10		
Bhutan	(5.123-18.217)	(2.844-9.6 60)	(23.737-66.055)	(4.298-11. 898)	(1.05,1. 14)	311.39	35.44
	155.218	5.755	491.848	6.121	0.31		
Bolivia (Plurinational State of)	(89.152-277.70 8)	(3.380-10. 043)	(318.510-795.7 12)	(4.038-9.6 35)	(0.24,0. 38)	216.88	6.36
	325.171	9.194	828.029	12.743	1.29		
Bosnia and Herzegovina	(203.393-512.9 93)	(5.789-14. 319)	(584.053-1203. 022)	(8.988-18. 415)	(1.18,1. 40)	154.64	38.6
	176.406	34.144	557.399	41.649	0.57		
Botswana	(114.789-256.0 87)	(22.756-49 .181)	(380.041-777.5 46)	(28.581-5 7.493)	(0.35,0. 78)	215.98	21.98
	23973.544	30.863	66670.793	27.034	-0.69		
Brazil	(21345.421-281 82.211)	(27.316-36 .071)	(58771.223-774 81.937)	(23.722-3 1.390)	(-0.90,- 0.49)	178.1	-12.41
Brunei	15.063	18.691	35.625	13.893	-0.70	136.5	-25.67

Darussalam	(9.441-22.454)	(11.754-27.662)	(26.019-50.770)	(10.302-19.270)	(-0.82,-0.57)		
	1487.570	13.774	2810.609	19.228	0.76		
Bulgaria	(1093.585-2063.020)	(10.336-18.491)	(2209.064-3666.171)	(15.158-24.926)	(0.36,1.16)	88.94	39.59
	481.135	13.622	1537.855	20.511	1.58		
Burkina Faso	(192.566-1092.410)	(5.385-29.699)	(596.407-3838.351)	(7.831-51.501)	(1.49,1.67)	219.63	50.58
	423.458	20.967	717.278	18.979	-0.44		
Burundi	(212.108-863.056)	(10.366-41.343)	(338.046-1423.346)	(8.803-37.794)	(-0.77,-0.11)	69.39	-9.48
	40.939	17.157	154.468	37.476	2.36		
Cabo Verde	(16.161-84.978)	(6.771-35.862)	(88.253-246.647)	(21.509-58.470)	(2.12,2.60)	277.31	118.43
	328.531	8.721	1012.034	9.332	0.26		
Cambodia	(177.621-603.964)	(4.730-15.826)	(542.660-1799.215)	(4.965-16.920)	(0.23,0.29)	208.05	7.01
	801.638	22.095	3754.294	37.030	1.62		
Cameroon	(380.527-1439.085)	(10.596-39.561)	(2011.945-6460.365)	(20.484-63.505)	(1.46,1.79)	368.33	67.59
	13568.628	41.910	20824.651	26.358	-1.83		
Canada	(11747.177-16331.483)	(36.313-50.214)	(17687.210-25710.318)	(22.382-32.632)	(-2.01,-1.65)	53.48	-37.11
	209.432	22.905	474.789	27.774	0.67		
Central African Republic	(98.831-362.972)	(11.122-39.672)	(226.525-837.531)	(14.062-47.455)	(0.63,0.72)	126.7	21.26
	337.615	13.569	949.127	20.719	1.35		
Chad	(143.291-638.702)	(5.718-26.405)	(391.606-1905.819)	(8.483-41.537)	(1.29,1.41)	181.13	52.69
	2160.616	23.909	4492.749	17.061	-0.68		
Chile	(1767.113-2879.756)	(19.631-31.401)	(3614.397-6074.587)	(13.728-23.078)	(-1.29,-0.06)	107.94	-28.64
	63347.815	8.993	171757.159	8.358	-0.36		
China	(35290.544-112726.544)	(5.082-15.955)	(99158.198-301527.670)	(4.874-14.326)	(-0.43,-0.30)	171.13	-7.06
	2453.017	16.119	6283.485	11.260	-1.49		
Colombia	(1991.816-3244.479)	(13.042-21.238)	(4853.654-8897.861)	(8.666-16.002)	(-1.91,-1.08)	156.15	-30.15
	27.476	17.299	75.542	18.576	0.07		
Comoros	(12.730-54.410)	(7.872-33.720)	(28.311-142.623)	(6.958-35.855)	(-0.03,0.17)	174.93	7.38
	329.646	37.516	1082.765	51.184	1.02		
Congo	(194.875-528.219)	(24.009-59.690)	(760.684-1544.657)	(36.335-73.002)	(0.88,1.15)	228.46	36.43

		10.460		12.496	0.56		
Cook Islands	1.182 (0.752-1.953)	(6.626-17.402)	3.194 (2.048-4.996)	(8.105-19.383)	(0.42,0.70)	170.31	19.47
Costa Rica	219.931 (169.438-301.549)	13.548 (10.427-18.558)	621.202 (475.531-864.562)	11.181 (8.550-15.642)	-1.14 (-1.40,-0.87)	182.45	-17.47
Croatia	3140.567 (2787.825-3527.490)	57.346 (50.803-64.147)	5136.430 (4400.299-6025.520)	53.292 (45.545-62.656)	-0.52 (-0.79,-0.25)	63.55	-7.07
Cuba	3689.530 (3302.063-4132.986)	37.638 (33.741-42.171)	10779.658 (9287.415-12347.669)	52.419 (45.200-60.225)	1.26 (1.11,1.42)	192.17	39.27
Cyprus	250.804 (179.557-352.980)	39.753 (29.229-55.330)	508.959 (373.039-681.422)	27.786 (21.085-36.587)	-1.41 (-1.55,-1.27)	102.93	-30.1
Czechia	5888.106 (5055.777-6830.135)	43.206 (37.151-49.987)	9563.698 (8024.863-11407.891)	42.567 (35.490-51.369)	-0.69 (-1.40,0.02)	62.42	-1.48
Côte d'Ivoire	608.632 (270.745-1254.113)	20.591 (9.342-41.112)	2572.648 (1175.881-5065.259)	29.530 (13.829-57.358)	0.89 (0.73,1.05)	322.69	43.42
Democratic People's Republic of Korea	1147.276 (617.769-2130.640)	8.579 (4.525-16.017)	2730.908 (1509.307-4946.903)	8.762 (4.858-15.966)	0.03 (-0.06,0.12)	138.03	2.14
Democratic Republic of the Congo	3000.264 (1400.433-5662.594)	24.377 (11.424-45.694)	9265.401 (4469.692-17449.026)	31.815 (16.130-58.640)	0.90 (0.54,1.27)	208.82	30.51
Denmark	4850.010 (4061.808-5973.100)	56.128 (47.168-69.206)	4135.820 (3381.178-5323.499)	31.194 (25.637-40.370)	-2.37 (-2.67,-2.07)	-14.73	-44.42
Djibouti	25.109 (16.096-46.676)	25.004 (15.729-44.158)	155.080 (87.265-258.517)	32.462 (18.510-53.243)	0.91 (0.84,0.98)	517.63	29.83
Dominica	13.750 (10.236-17.944)	23.667 (17.939-30.592)	23.607 (18.865-29.588)	29.768 (23.841-37.047)	0.62 (0.52,0.72)	71.69	25.78
Dominican Republic	281.067 (192.557-411.465)	8.889 (6.129-12.840)	995.415 (712.740-1427.615)	10.310 (7.362-14.792)	0.71 (0.57,0.85)	254.16	15.98
Ecuador	211.894 (108.520-408.533)	4.472 (2.298-8.625)	1033.099 (668.896-1624.779)	6.640 (4.372-10.312)	1.42 (1.19,1.65)	387.55	48.5
Egypt	1153.566	5.465	3445.083	6.747	0.83	198.65	23.47

	(661.736-2030.949)	(3.096-9.532)	(2154.295-5866.212)	(4.157-11.365)	(0.77,0.89)		
	270.751	9.642	639.064	9.641	-0.03		
El Salvador	(174.562-401.715)	(6.219-14.233)	(442.684-937.840)	(6.687-14.202)	(-0.12, 0.06)	136.03	-0.02
Equatorial Guinea	42.620	26.201	203.281	50.337	2.38		
	(21.812-73.095)	(13.644-43.956)	(119.759-323.491)	(29.685-77.892)	(2.31,2.46)	376.96	92.12
	136.820	15.775	473.643	23.151	1.12		
Eritrea	(82.892-287.692)	(10.092-30.196)	(270.300-927.996)	(12.952-43.414)	(1.04,1.21)	246.18	46.76
	415.053	20.264	688.829	22.633	0.02		
Estonia	(340.379-524.023)	(16.645-25.495)	(578.763-844.920)	(18.953-27.734)	(-0.58, 0.63)	65.96	11.69
	83.903	31.761	240.674	44.346	1.36		
Eswatini	(42.454-156.183)	(16.740-57.582)	(141.957-413.128)	(27.439-71.516)	(0.99,1.74)	186.85	39.63
	2155.915	13.879	6539.214	18.294	0.93		
Ethiopia	(1037.294-3619.258)	(6.773-23.021)	(3700.871-10878.719)	(10.223-29.712)	(0.75,1.11)	203.31	31.81
	35.169	11.962	89.955	13.693	0.34		
Fiji	(23.240-56.434)	(7.536-19.506)	(58.437-148.972)	(8.866-22.510)	(0.15,0.53)	155.78	14.47
	3238.976	45.039	4736.930	31.891	-0.41		
Finland	(2733.799-4071.855)	(37.980-56.083)	(3975.515-5824.662)	(26.769-39.369)	(-0.93, 0.10)	46.25	-29.19
	15819.727	18.093	23544.010	14.173	-0.79		
France	(11347.150-23691.718)	(12.969-27.242)	(17665.603-33184.309)	(10.446-20.594)	(-1.16,-0.43)	48.83	-21.67
	195.112	38.274	500.189	57.206	1.30		
Gabon	(117.727-318.564)	(22.702-61.351)	(353.324-701.606)	(41.089-79.976)	(1.25,1.36)	156.36	49.46
	60.088	20.785	257.798	31.419	1.28		
Gambia	(26.792-115.882)	(9.383-39.379)	(140.045-491.587)	(16.987-59.734)	(1.18,1.37)	329.03	51.16
	308.029	5.135	1304.032	21.122	5.47		
Georgia	(155.979-586.816)	(2.591-9.775)	(1036.202-1672.761)	(16.832-26.957)	(4.83,6.11)	323.35	311.33
	50368.861	38.188	84889.878	39.542	0.98		
Germany	(41542.034-64509.651)	(31.623-49.042)	(71811.266-100982.098)	(33.781-46.857)	(0.18,1.79)	68.54	3.55
	1254.817	25.609	4855.514	36.304	1.14		
Ghana	(779.916-2061.188)	(15.986-42.121)	(3420.051-7233.350)	(24.950-54.143)	(1.08,1.20)	286.95	41.76

	2599.576	16.926	4503.165	15.869	-0.38		
Greece	(1686.735-4211.924)	(11.130-27.052)	(3333.266-6527.176)	(11.637-24.042)	(-0.63,-0.13)	73.23	-6.24
Greenland	19.623	75.203	23.706	38.763	-2.35		
	(16.510-22.930)	(63.346-87.951)	(18.431-30.905)	(29.869-50.361)	(-2.49,-2.22)	20.81	-48.46
Grenada	26.826	34.731	48.818	49.180	0.98		
	(22.038-32.440)	(28.510-41.797)	(42.360-55.811)	(42.833-56.095)	(0.79,1.16)	81.98	41.61
Guam	3.899	6.542	19.463	9.184	1.40		
	(1.996-7.497)	(3.375-12.373)	(11.452-33.326)	(5.475-15.639)	(0.72,2.09)	399.15	40.38
Guatemala	162.046	5.986	569.335	5.630	-0.23		
	(94.030-289.769)	(3.577-10.394)	(313.787-1046.382)	(3.142-10.270)	(-0.27,-0.19)	251.34	-5.93
Guinea	460.487	15.763	1243.424	25.916	1.69		
	(208.710-862.603)	(7.188-29.644)	(572.070-2517.466)	(11.929-52.321)	(1.62,1.76)	170.02	64.41
Guinea-Bissau	61.154	19.082	148.135	26.921	1.16		
	(28.532-122.555)	(8.820-38.207)	(81.064-278.081)	(14.899-49.865)	(1.14,1.18)	142.23	41.08
Guyana	50.535	14.765	115.121	19.900	1.14		
	(41.698-65.425)	(12.103-19.211)	(92.375-150.316)	(15.991-25.589)	(0.89,1.40)	127.8	34.78
Haiti	522.917	20.092	1314.133	22.346	0.40		
	(318.371-860.745)	(12.458-32.209)	(814.861-2012.007)	(14.063-33.717)	(0.37,0.42)	151.31	11.22
Honduras	206.784	12.336	731.883	13.743	0.31		
	(124.132-306.910)	(7.118-18.324)	(547.736-1012.918)	(10.299-18.727)	(0.21,0.41)	253.94	11.4
Hungary	16699.348	115.743	14236.950	71.796	-2.81		
	(15137.217-18287.939)	(105.070-126.529)	(11965.959-17079.640)	(60.178-86.628)	(-3.50,-2.13)	-14.75	-37.97
Iceland	52.120	17.353	80.704	12.555	-1.08		
	(36.330-79.767)	(12.115-26.728)	(57.051-120.473)	(8.663-19.182)	(-1.27,-0.90)	54.84	-27.65
India	24892.886	6.742	89421.015	8.451	0.80		
	(14177.345-42191.269)	(3.883-11.465)	(57345.477-140315.708)	(5.459-13.079)	(0.72,0.87)	259.22	25.34
Indonesia	7421.317	9.254	22141.607	10.896	0.59		
	(4174.295-13452.308)	(5.115-16.604)	(13204.286-37167.620)	(6.351-18.699)	(0.50,0.67)	198.35	17.74
Iran (Islamic Republic of)	1006.315	4.936	4435.216	6.417	1.32		
	(497.311-1916.497)	(2.518-9.251)	(2726.763-7304.730)	(3.933-10.497)	(1.06,1.40)	340.74	30.01

	286)	25)	.404)	532)	58)		
	513.705	7.085	1654.797	8.224	0.40		
Iraq	(294.920-886.320)	(4.036-12.336)	(1061.305-2701.682)	(5.170-13.526)	(0.35,0.45)	222.13	16.07
	2833.378	69.281	2655.797	31.594	-2.69		
Ireland	(2516.273-3318.877)	(61.665-80.490)	(2201.009-3329.409)	(26.267-39.538)	(-2.85,-2.52)	-6.27	-54.4
	1708.973	36.344	3730.213	28.015	-0.57		
Israel	(1391.614-2233.218)	(29.993-46.788)	(3030.122-4663.427)	(22.765-35.181)	(-1.07,-0.07)	118.27	-22.92
	43870.704	48.794	40946.661	23.069	-2.50		
Italy	(37852.278-54189.817)	(42.036-59.910)	(32619.345-53101.481)	(18.363-30.760)	(-2.79,-2.22)	-6.67	-52.72
	724.048	39.516	1436.683	43.944	0.31		
Jamaica	(611.736-852.907)	(33.340-46.472)	(1136.444-1807.698)	(34.794-55.401)	(0.05,0.57)	98.42	11.21
	21534.502	13.160	45589.938	9.665	-0.98		
Japan	(14534.333-34367.909)	(8.988-20.628)	(33650.413-63004.425)	(7.001-14.129)	(-1.16,-0.80)	111.71	-26.56
	55.937	5.415	354.670	5.794	0.28		
Jordan	(27.991-107.409)	(2.713-10.275)	(195.593-652.576)	(3.128-10.688)	(0.21,0.35)	534.05	7
	737.994	6.522	1431.448	9.038	0.77		
Kazakhstan	(432.937-1303.743)	(3.762-11.541)	(1002.336-2216.453)	(6.340-13.820)	(0.48,1.07)	93.96	38.57
	1039.480	15.484	4433.071	24.962	1.53		
Kenya	(646.461-1639.978)	(9.483-24.681)	(2943.697-6624.323)	(16.709-36.905)	(1.49,1.56)	326.47	61.21
	3.753	11.670	11.553	16.879	1.20		
Kiribati	(1.930-6.489)	(6.159-20.281)	(6.279-18.776)	(9.240-27.393)	(0.99,1.40)	207.84	44.63
	30.214	6.416	168.864	7.299	1.00		
Kuwait	(19.971-49.153)	(3.947-10.891)	(114.814-260.643)	(4.788-11.661)	(0.39,1.60)	458.89	13.77
	294.821	10.714	668.249	15.509	1.02		
Kyrgyzstan	(213.837-422.024)	(7.696-15.337)	(524.388-856.590)	(12.156-19.959)	(0.39,1.65)	126.66	44.76
	175.764	9.981	424.736	10.727	0.31		
Lao People's Democratic Republic	(92.588-321.596)	(5.302-18.216)	(249.638-732.383)	(6.184-18.549)	(0.27,0.35)	141.65	7.47
	1445.820	40.580	1904.126	43.660	0.28		
Latvia	(1262.661-1661.447)	(35.493-46.412)	(1603.709-2257.944)	(37.036-51.893)	(-0.22,0.78)	31.7	7.59
Lebanon	240.456	12.007	751.897	12.055	0.13	212.7	0.4

	(134.157-377.2 28)	(6.899-18. 678)	(534.542-1082. 316)	(8.556-17. 555)	(-0.05, 0.31)		
	137.573	17.676	319.966	31.562	2.36		
Lesotho	(83.373-233.97 5)	(10.722-29 .112)	(152.390-533.2 59)	(15.138-5 0.572)	(2.08,2. 64)	132.58	78.56
	181.018	18.490	420.984	25.881	1.25		
Liberia	(75.066-349.05 5)	(7.491-35. 962)	(180.637-838.9 96)	(10.953-5 2.187)	(1.14,1. 35)	132.56	39.97
	78.679	4.807	239.171	5.575	0.54		
Libya	(37.359-150.90 8)	(2.257-9.3 95)	(120.043-450.3 69)	(2.736-10. 453)	(0.51,0. 56)	203.99	15.99
	1595.249	35.139	2153.156	34.918	-0.14		
Lithuania	(1375.563-1902 .986)	(30.313-41 .775)	(1826.234-2537 .147)	(29.523-4 1.170)	(-0.63, 0.36)	34.97	-0.63
	138.829	25.327	208.114	18.174	-1.14		
Luxembourg	(107.919-189.5 44)	(19.878-34 .205)	(158.125-291.7 38)	(13.650-2 5.919)	(-1.35,- 0.92)	49.91	-28.24
	1175.722	27.549	2732.470	31.929	0.55		
Madagascar	(692.980-2389. 148)	(15.931-55 .737)	(1656.952-5300 .199)	(19.579-6 2.574)	(0.38,0. 72)	132.41	15.9
	408.101	13.679	1347.491	22.453	1.62		
Malawi	(194.772-810.6 70)	(6.401-26. 549)	(640.444-2728. 644)	(10.311-4 3.449)	(1.57,1. 66)	230.19	64.14
	737.610	9.061	2500.822	9.567	0.29		
Malaysia	(425.786-1354. 798)	(5.185-16. 676)	(1489.381-4280 .414)	(5.677-16. 357)	(0.23,0. 36)	239.04	5.59
	5.300	7.529	20.796	7.585	-0.04		
Maldives	(2.662-10.286)	(3.784-14. 333)	(11.177-37.858)	(4.050-14. 009)	(-0.07,- 0.00)	292.37	0.74
	362.584	11.706	1236.623	17.790	1.55		
Mali	(171.291-672.5 00)	(5.363-22. 162)	(550.841-2304. 349)	(7.977-33. 494)	(1.40,1. 70)	241.06	51.98
	167.575	40.938	313.468	28.550	-1.26		
Malta	(142.070-212.7 73)	(34.932-51 .424)	(259.689-400.7 43)	(23.554-3 6.293)	(-1.58,- 0.94)	87.06	-30.26
	1.376	9.622	4.097	12.894	0.95		
Marshall Islands	(0.750-2.369)	(5.184-16. 600)	(2.517-6.561)	(7.840-21. 085)	(0.83,1. 08)	197.81	34
	221.381	25.705	609.750	33.288	0.60		
Mauritania	(134.627-357.2 55)	(15.441-41 .397)	(375.539-1118. 042)	(20.431-6 0.030)	(0.51,0. 70)	175.43	29.5
	69.190	10.526	464.505	25.673	2.30		
Mauritius	(43.874-114.18 0)	(6.563-17. 449)	(381.852-600.1 03)	(21.226-3 3.319)	(1.61,3. 00)	571.35	143.91

	6743.949	19.328	13569.947	11.518	-1.96		
Mexico	(5695.341-8679 .836)	(16.452-24 .353)	(10389.338-191 52.593)	(8.827-16. 119)	(-2.20,- 1.73)	101.22	-40.41
Micronesia (Federated States of)	5.150 (3.096-8.146)	11.427 (6.800-18. 311)	10.873 (7.146-16.136)	15.414 (10.181-2 3.812)	0.96 (0.78,1. 14)	111.13	34.88
Monaco	27.077 (20.162-35.579)	34.700 (25.908-45 .535)	35.171 (25.842-47.603)	30.648 (22.678-4 1.862)	-0.38 (-0.50,- 0.26)	29.89	-11.68
Mongolia	95.835 (59.630-143.39 5)	10.197 (6.325-15. 094)	449.464 (316.104-609.3 18)	24.156 (16.404-3 3.542)	3.11 (2.66,3. 57)	369	136.89
Montenegro	46.626 (29.369-77.838)	7.882 (4.957-13. 256)	86.572 (57.064-137.52 6)	8.970 (5.989-14. 004)	0.47 (0.40,0. 55)	85.67	13.81
Morocco	581.899 (273.635-1136. 258)	4.555 (2.157-8.9 63)	1655.518 (857.195-3079. 833)	5.294 (2.752-9.7 67)	0.52 (0.51,0. 52)	184.5	16.23
Mozambique	809.656 (362.328-1576. 742)	17.140 (7.836-32. 751)	2792.620 (1380.369-5714 .858)	30.859 (15.734-6 1.875)	2.37 (2.22,2. 52)	244.91	80.04
Myanmar	2294.653 (1303.108-4089 .328)	11.429 (6.528-20. 594)	4542.616 (2798.044-7852 .732)	10.266 (6.238-17. 730)	-0.32 (-0.35,- 0.30)	97.97	-10.18
Namibia	193.913 (122.885-290.4 76)	33.496 (22.378-49 .327)	548.366 (359.546-761.1 04)	43.586 (30.020-5 8.752)	0.81 (0.63,0. 98)	182.79	30.13
Nauru	0.531 (0.335-0.813)	13.364 (8.535-21. 119)	0.889 (0.596-1.335)	16.682 (10.681-2 5.372)	0.61 (0.46,0. 76)	67.42	24.82
Nepal	500.769 (264.519-854.7 23)	6.768 (3.597-11. 092)	1734.934 (1006.018-2703 .967)	8.612 (4.959-13. 419)	0.72 (0.68,0. 76)	246.45	27.25
Netherlands	11112.495 (9683.437-1319 7.103)	54.229 (47.196-64 .382)	16104.571 (13870.081-189 20.714)	41.037 (35.335-4 8.439)	-1.00 (-1.14,- 0.86)	44.92	-24.33
New Zealand	1641.467 (1453.018-1899 .546)	42.026 (37.347-48 .438)	2321.391 (1926.170-2747 .078)	24.860 (20.735-2 9.509)	-1.83 (-2.42,- 1.23)	41.42	-40.85
Nicaragua	86.287 (51.443-150.57 9)	6.511 (3.905-11. 299)	261.386 (150.106-448.8 05)	5.928 (3.448-10. 109)	-0.34 (-0.36,- 0.31)	202.93	-8.95
Niger	172.305 (70.871-373.54	8.508 (3.366-18.	655.753 (243.604-1516.	10.433 (3.752-24.	0.70 (0.59,0.	280.58	22.62

	0)	177)	556)	709)	80)		
	6945.820	19.455	16610.554	23.817	0.60		
Nigeria	(4020.997-1282 7.577)	(11.163-35 .169)	(8833.148-3356 5.006)	(12.522-4 6.336)	(0.54,0. 67)	139.14	22.42
Niue	0.250 (0.150-0.423)	10.991 (6.634-18. 632)	0.296 (0.196-0.469)	13.953 (9.233-22. 048)	0.69 (0.52,0. 85)	18.67	26.95
North Macedonia	193.251 (121.922-295.1 70)	11.675 (7.297-17. 721)	410.835 (264.803-610.9 80)	14.411 (9.561-20. 912)	0.42 (0.27,0. 57)	112.59	23.43
Northern Mariana Islands	0.922 (0.560-1.594)	7.808 (4.463-14. 152)	6.312 (4.265-9.324)	12.809 (8.878-19. 216)	2.36 (2.01,2. 71)	584.67	64.05
Norway	4195.756 (3686.911-4959 .598)	55.290 (48.585-65 .403)	2249.484 (1774.877-2992 .142)	19.530 (15.238-2 6.419)	-3.75 (-4.11,- 3.40)	-46.39	-64.68
Oman	23.545 (11.891-43.129)	4.366 (2.182-8.0 53)	79.297 (42.935-140.07 4)	5.253 (2.763-9.1 16)	0.81 (0.72,0. 91)	236.79	20.31
Pakistan	3818.994 (2076.102-6443 .363)	7.729 (4.220-12. 889)	9459.201 (5739.417-1500 2.921)	9.859 (5.912-15. 821)	0.72 (0.56,0. 88)	147.69	27.56
Palau	0.888 (0.550-1.452)	9.967 (6.166-16. 198)	2.582 (1.769-4.041)	12.546 (8.838-19. 627)	0.78 (0.59,0. 97)	190.96	25.87
Palestine	38.841 (19.657-72.928)	5.033 (2.588-9.3 53)	114.707 (58.985-216.46 9)	5.542 (2.873-10. 556)	0.38 (0.34,0. 43)	195.33	10.12
Panama	334.181 (290.521-393.4 51)	24.349 (21.148-28 .597)	925.959 (741.244-1159. 044)	20.397 (16.330-2 5.648)	-1.12 (-1.46,- 0.78)	177.08	-16.23
Papua Guinea	107.339 (54.040-194.20 7)	7.311 (3.785-13. 250)	367.690 (191.639-636.4 14)	8.452 (4.400-14. 787)	0.44 (0.36,0. 53)	242.55	15.6
Paraguay	217.740 (153.555-311.4 15)	10.618 (7.478-15. 194)	635.837 (475.946-882.1 94)	11.589 (8.666-16. 069)	0.29 (0.24,0. 34)	192.02	9.14
Peru	521.986 (320.367-867.3 05)	4.837 (2.969-8.1 05)	1717.591 (1108.896-2807 .998)	5.214 (3.341-8.5 74)	0.35 (0.19,0. 51)	229.05	7.78
Philippines	2804.304 (1720.829-4707 .215)	11.025 (6.728-18. 741)	8634.669 (5679.040-1390 0.848)	11.820 (7.545-19. 416)	0.17 (0.10,0. 24)	207.91	7.21
Poland	27379.589	64.608	49775.792	64.963	-0.16	81.8	0.55

		(24287.569-308 16.424)	(57.116-72 .509)	(43249.861-563 06.920)	(56.453-7 3.593)	(-0.32,- 0.00)		
		7745.214	59.624	11370.584	38.793	-1.52		
Portugal		(6856.270-9116 .520)	(53.017-69 .251)	(9649.064-1340 4.222)	(32.938-4 6.186)	(-1.78,- 1.25)	46.81	-34.94
		871.783	25.737	2235.798	27.028	-0.19		
Puerto Rico		(766.950-1025. 421)	(22.809-29 .859)	(1855.774-2695 .489)	(22.473-3 2.705)	(-0.43, 0.05)	156.46	5.02
		6.657	9.187	82.263	12.829	1.85		
Qatar		(4.600-9.646)	(6.379-13. 894)	(52.643-133.59 2)	(8.272-19. 526)	(1.29,2. 41)	1135.73	39.65
Republic of Korea		2980.221 (2007.817-4649 .897)	12.565 (8.526-19. 796)	7482.379 (5181.790-1132 3.540)	7.936 (5.549-11. 891)	-1.87 (-2.04,- 1.70)	151.07	-36.84
Republic of Moldova		594.921 (488.768-751.3 82)	15.472 (12.784-19 .296)	1420.713 (1188.013-1723 .143)	23.083 (19.357-2 8.038)	1.56 (0.99,2. 13)	138.81	49.19
		9671.112	37.196	20698.827	55.592	0.54		
Romania		(8208.196-1146 3.396)	(31.852-43 .329)	(17613.775-239 88.566)	(46.992-6 5.301)	(-0.06, 1.14)	114.03	49.46
		153084.832	90.230	124119.235	50.170	-2.67		
Russian Federation		(134944.276-17 8533.760)	(79.075-10 4.841)	(110915.553-14 0838.969)	(44.942-5 6.720)	(-3.05,- 2.29)	-18.92	-44.4
		417.895	18.523	883.505	18.184	-0.39		
Rwanda		(155.483-806.8 41)	(6.623-35. 766)	(286.184-1807. 587)	(5.682-38. 138)	(-0.63,- 0.16)	111.42	-1.83
		17.378	47.828	32.026	57.381	0.67		
Saint Kitts and Nevis		(15.078-20.039)	(41.676-54 .621)	(27.013-37.871)	(48.919-6 6.768)	(0.53,0. 81)	84.29	19.97
		46.858	64.495	118.133	51.347	-1.21		
Saint Lucia		(41.963-52.335)	(57.933-71 .787)	(98.666-142.05 3)	(43.085-6 1.405)	(-1.55,- 0.87)	152.11	-20.39
Saint Vincent and the Grenadines		17.283 (14.885-20.532)	26.361 (22.798-30 .840)	31.283 (26.981-37.844)	23.663 (20.465-2 8.369)	-0.30 (-0.49,- 0.11)	81.01	-10.24
		8.372	10.871	17.393	12.849	0.50		
Samoa		(4.683-14.299)	(5.989-18. 777)	(10.359-29.199)	(7.609-21. 760)	(0.38,0. 62)	107.76	18.19
		9.171	24.493	14.868	15.918	-0.94		
San Marino		(6.872-12.781)	(18.273-34 .229)	(9.638-21.894)	(10.355-2 4.061)	(-1.16,- 0.71)	62.11	-35.01
		9.366	16.486	27.951	31.207	2.40		
Sao Tome and Principe		(4.461-16.858)	(7.628-29. 867)	(17.131-51.766)	(18.497-5 6.279)	(2.28,2. 52)	198.43	89.29

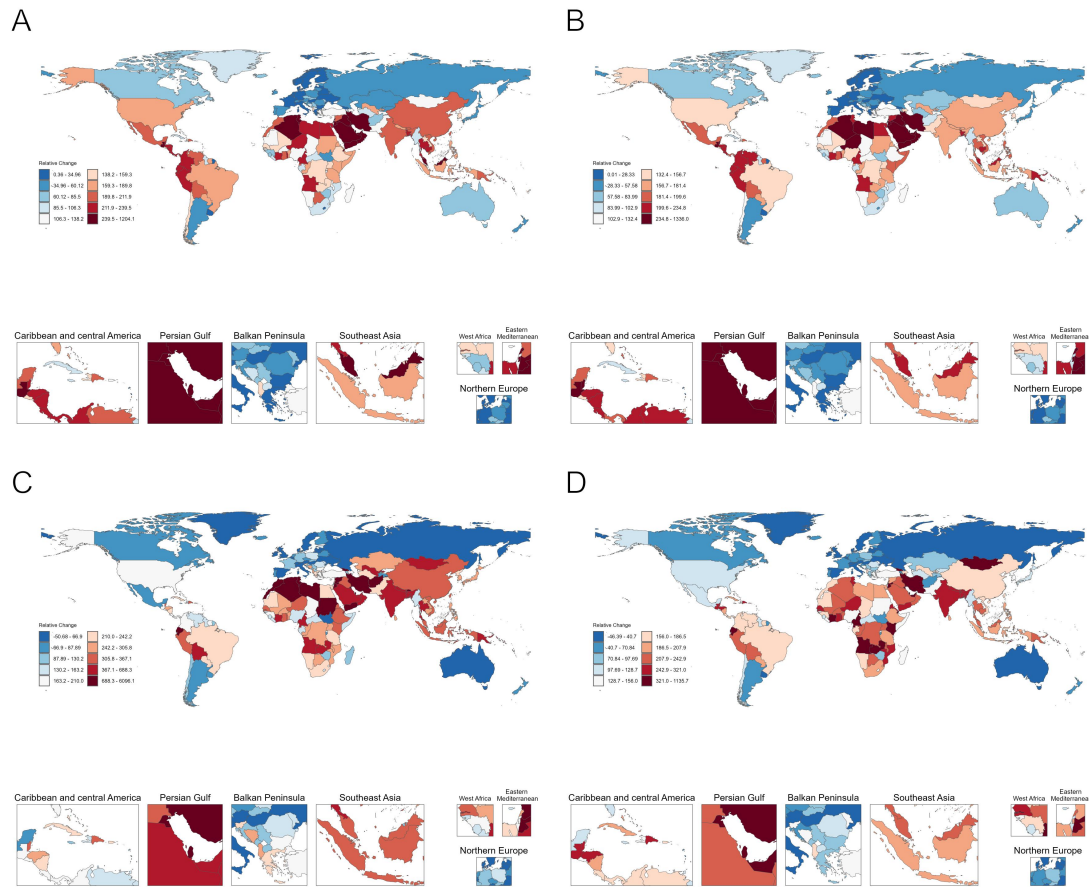
	221.828	4.790	750.867	5.564	0.52		
Saudi Arabia	(114.044-414.338)	(2.476-8.769)	(424.776-1312.176)	(3.052-9.793)	(0.47,0.57)	238.49	16.16
	569.548	20.597	2008.801	30.957	1.24		
Senegal	(235.864-1094.121)	(8.501-40.426)	(993.386-3867.189)	(15.203-60.395)	(1.18,1.29)	252.7	50.3
	1771.582	19.667	3311.770	18.964	-0.32		
Serbia	(1325.866-2351.163)	(14.714-25.586)	(2575.561-4229.468)	(14.806-24.082)	(-0.51,-0.12)	86.94	-3.57
	6.022	10.612	12.621	11.674	0.31		
Seychelles	(3.453-10.462)	(6.094-18.346)	(7.419-21.116)	(6.833-19.630)	(0.22,0.40)	109.58	10.01
	345.956	18.877	782.855	24.619	0.99		
Sierra Leone	(145.598-723.792)	(7.910-38.691)	(363.443-1652.455)	(11.341-51.909)	(0.92,1.07)	126.29	30.42
	348.861	18.719	1127.060	13.473	-0.85		
Singapore	(284.414-470.741)	(15.270-24.946)	(919.548-1456.968)	(10.986-17.251)	(-1.01,-0.69)	223.07	-28.02
	1249.284	21.253	2147.752	22.122	0.19		
Slovakia	(986.995-1551.112)	(16.852-26.276)	(1674.170-2760.882)	(17.308-28.235)	(0.11,0.28)	71.92	4.09
	664.232	27.052	1636.423	31.813	-0.65		
Slovenia	(576.770-786.714)	(23.389-31.976)	(1309.976-2028.216)	(25.560-39.741)	(-1.43,0.13)	146.36	17.6
	9.527	8.512	33.940	11.103	0.89		
Solomon Islands	(4.616-16.886)	(4.188-15.029)	(18.592-54.831)	(6.026-18.914)	(0.84,0.93)	256.25	30.44
	219.113	12.558	557.853	12.353	0.06		
Somalia	(85.104-479.342)	(4.931-26.640)	(201.178-1328.147)	(4.815-28.089)	(-0.02,0.14)	154.6	-1.63
	7383.788	37.321	22388.909	50.134	1.15		
South Africa	(5845.848-9236.002)	(29.054-46.791)	(19238.428-25653.574)	(43.240-57.708)	(0.92,1.39)	203.22	34.33
	417.801	18.585	596.197	19.670	0.15		
South Sudan	(181.625-924.000)	(8.134-39.388)	(254.890-1219.245)	(8.407-39.732)	(0.03,0.28)	42.7	5.84
	20082.325	36.769	27808.361	24.003	-1.81		
Spain	(17043.494-25286.164)	(31.346-45.810)	(22666.595-33933.337)	(19.596-29.999)	(-2.01,-1.61)	38.47	-34.72
	765.835	8.117	2288.626	8.592	0.27		
Sri Lanka	(434.145-1404.879)	(4.524-14.551)	(1293.194-4166.313)	(4.893-15.504)	(0.18,0.36)	198.84	5.85
	363.032	4.506	904.135	5.589	0.82		
Sudan	(174.462-722.9)	(2.198-8.9)	(469.338-1706.	(2.874-10.	(0.77,0.	149.05	24.04

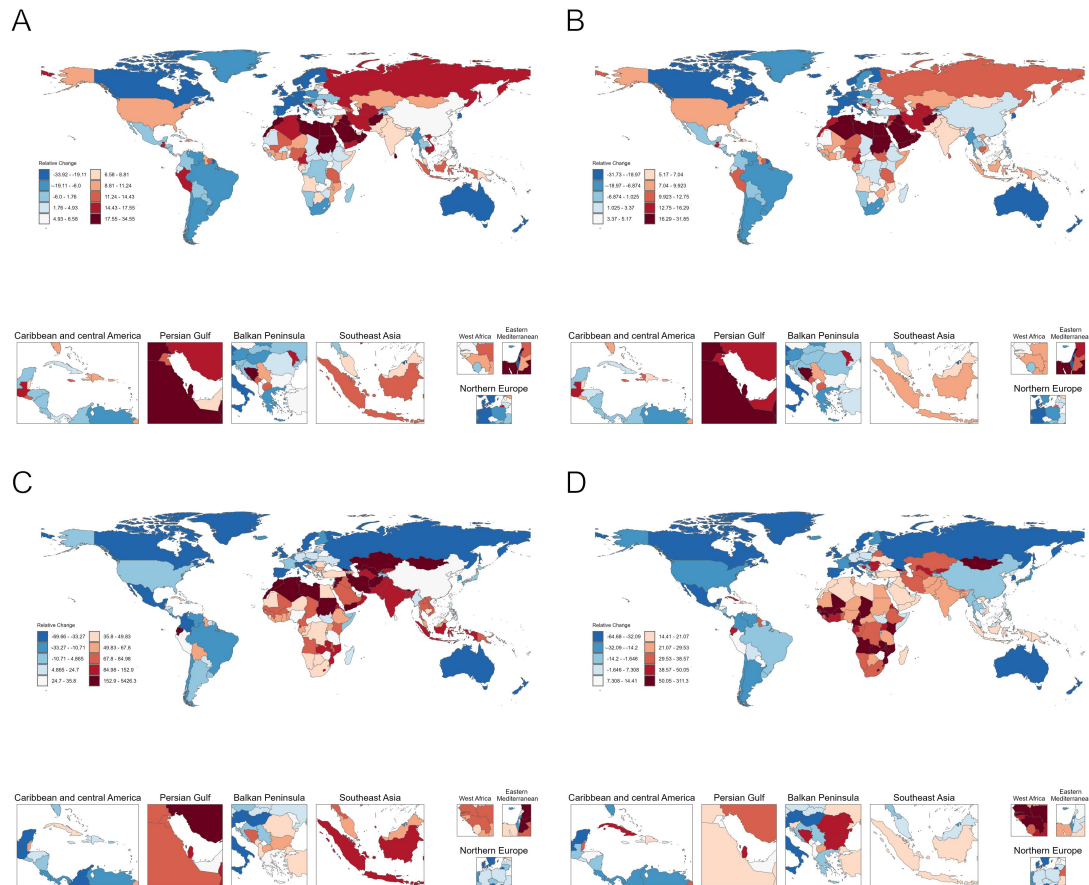
		05)	25)	970)	539)	87)		
		21.881	9.399	61.218	10.085	0.32		
Suriname		(15.601-32.857)	(6.664-14.126)	(42.927-90.708)	(7.007-14.914)	(0.21,0.43)	179.77	7.29
		7732.443	45.290	4664.802	17.929	-2.83		
Sweden		(6646.522-9238.948)	(38.890-54.423)	(3605.752-6336.091)	(13.673-25.184)	(-3.04,-2.62)	-39.67	-60.41
		3970.921	35.477	4319.092	20.273	-2.02		
Switzerland		(3347.902-4900.031)	(29.941-43.991)	(3421.172-5571.232)	(15.924-26.907)	(-2.20,-1.84)	8.77	-42.85
Syrian Arab Republic		216.649	4.899	628.395	5.382	0.35		
		(107.761-425.457)	(2.420-9.704)	(330.928-1176.371)	(2.818-9.892)	(0.31,0.39)	190.05	9.85
Taiwan		1139.988	8.049	3472.908	7.868	-0.06		
(Province of China)		(559.778-2238.462)	(3.940-15.337)	(1801.351-6451.820)	(4.089-14.619)	(-0.23,0.11)	204.64	-2.25
		192.144	7.788	350.988	7.591	-0.06		
Tajikistan		(114.201-305.718)	(4.552-12.423)	(217.293-565.322)	(4.784-12.086)	(-0.20,0.08)	82.67	-2.52
		2225.852	7.420	7535.281	6.827	-0.32		
Thailand		(1142.492-4341.630)	(3.767-14.434)	(3954.551-13757.347)	(3.589-12.440)	(-0.36,-0.27)	238.53	-7.98
		16.772	8.093	74.128	9.254	0.47		
Timor-Leste		(9.051-30.410)	(4.177-15.025)	(41.496-134.183)	(5.217-16.913)	(0.43,0.50)	341.98	14.35
		205.386	20.855	856.900	28.740	0.92		
Togo		(104.225-379.722)	(10.590-38.943)	(457.396-1681.739)	(15.838-54.156)	(0.85,0.98)	317.21	37.81
		0.129	9.929	0.181	12.221	0.67		
Tokelau		(0.077-0.218)	(5.970-16.326)	(0.117-0.285)	(7.992-18.903)	(0.52,0.82)	40.39	23.08
		5.341	10.603	9.898	12.704	0.52		
Tonga		(3.030-9.271)	(6.041-18.407)	(6.216-15.755)	(7.945-20.204)	(0.33,0.71)	85.31	19.81
Trinidad and Tobago		221.790	29.666	488.460	25.569	-0.72		
		(193.205-263.250)	(26.154-34.993)	(389.281-633.287)	(20.463-32.836)	(-0.89,-0.56)	120.24	-13.81
		207.539	4.680	729.272	5.778	0.77		
Tunisia		(102.364-402.570)	(2.275-8.969)	(391.961-1310.675)	(3.104-10.382)	(0.73,0.81)	251.39	23.44
		156.255	9.358	398.133	11.166	0.44		
Turkmenistan		(110.332-232.321)	(6.534-14.008)	(282.998-563.196)	(7.864-16.029)	(0.32,0.57)	154.8	19.32
Tuvalu		0.586	9.838	1.294	13.132	0.96	120.64	33.48

		(0.315-1.001)	(5.307-16.648)	(0.810-2.128)	(8.189-21.600)	(0.84,1.07)		
		5917.183	18.454	17204.615	19.110	0.37		
Türkiye		(4183.929-8273.109)	(12.850-25.674)	(13223.315-224.52.223)	(14.701-2.4.749)	(0.13,0.61)	190.76	3.55
		822.044	15.362	2652.446	22.299	1.09		
Uganda		(337.197-1713.497)	(6.476-31.006)	(1423.542-5050.966)	(12.328-4.1.172)	(1.04,1.13)	222.66	45.16
		38419.357	56.526	53166.334	65.741	0.25		
Ukraine		(32159.390-446.51.881)	(47.120-65.622)	(41930.555-668.44.493)	(51.643-8.2.878)	(0.07,0.43)	38.38	16.3
		86.226	23.899	651.525	27.149	2.26		
United Arab Emirates		(50.756-133.675)	(14.869-34.837)	(484.542-838.084)	(20.448-3.4.611)	(1.44,3.09)	655.6	13.6
		56499.506	59.208	51339.903	34.852	-2.15		
United Kingdom		(49499.023-677.82.434)	(51.829-70.842)	(44028.462-623.58.947)	(29.899-4.2.673)	(-2.39,-1.91)	-9.13	-41.14
		1733.806	19.316	5032.932	23.848	0.51		
United Republic of Tanzania		(903.011-3301.544)	(9.783-36.556)	(2216.816-1041.9.778)	(10.431-4.8.108)	(0.39,0.62)	190.28	23.46
		25.410	37.732	55.905	32.154	-0.37		
United States Virgin Islands		(19.744-31.337)	(29.246-46.923)	(40.828-74.892)	(23.013-4.3.355)	(-0.55,-0.19)	120.01	-14.78
		120818.682	36.619	225973.795	36.722	-0.48		
United States of America		(102851.636-15.0714.159)	(31.266-45.623)	(192807.977-27.6213.868)	(31.540-4.4.772)	(-0.73,-0.24)	87.04	0.28
		322.626	7.994	420.774	6.984	-0.51		
Uruguay		(172.251-595.099)	(4.300-14.603)	(231.921-768.700)	(3.797-12.905)	(-0.57,-0.44)	30.42	-12.64
		477.019	4.519	1361.092	6.262	1.14		
Uzbekistan		(252.231-882.899)	(2.375-8.421)	(885.014-2308.561)	(3.940-10.480)	(0.92,1.36)	185.33	38.58
		4.619	8.915	16.842	10.915	0.58		
Vanuatu		(2.300-8.354)	(4.547-16.134)	(8.840-28.286)	(5.742-18.798)	(0.46,0.69)	264.59	22.43
		1096.929	12.958	2852.707	9.953	-1.16		
Venezuela (Bolivarian Republic of)		(840.045-1577.229)	(9.921-18.516)	(2092.125-4216.204)	(7.278-14.648)	(-1.38,-0.95)	160.06	-23.19
		3172.443	8.433	8834.943	9.743	0.56		
Viet Nam		(1754.296-5634.254)	(4.678-14.893)	(5414.103-1497.4.735)	(5.817-16.368)	(0.49,0.63)	178.49	15.54
		179.343	4.628	616.053	5.347	0.54		
Yemen		(87.119-361.540)	(2.249-9.027)	(315.943-1159.099)	(2.773-9.922)	(0.50,0.57)	243.5	15.54

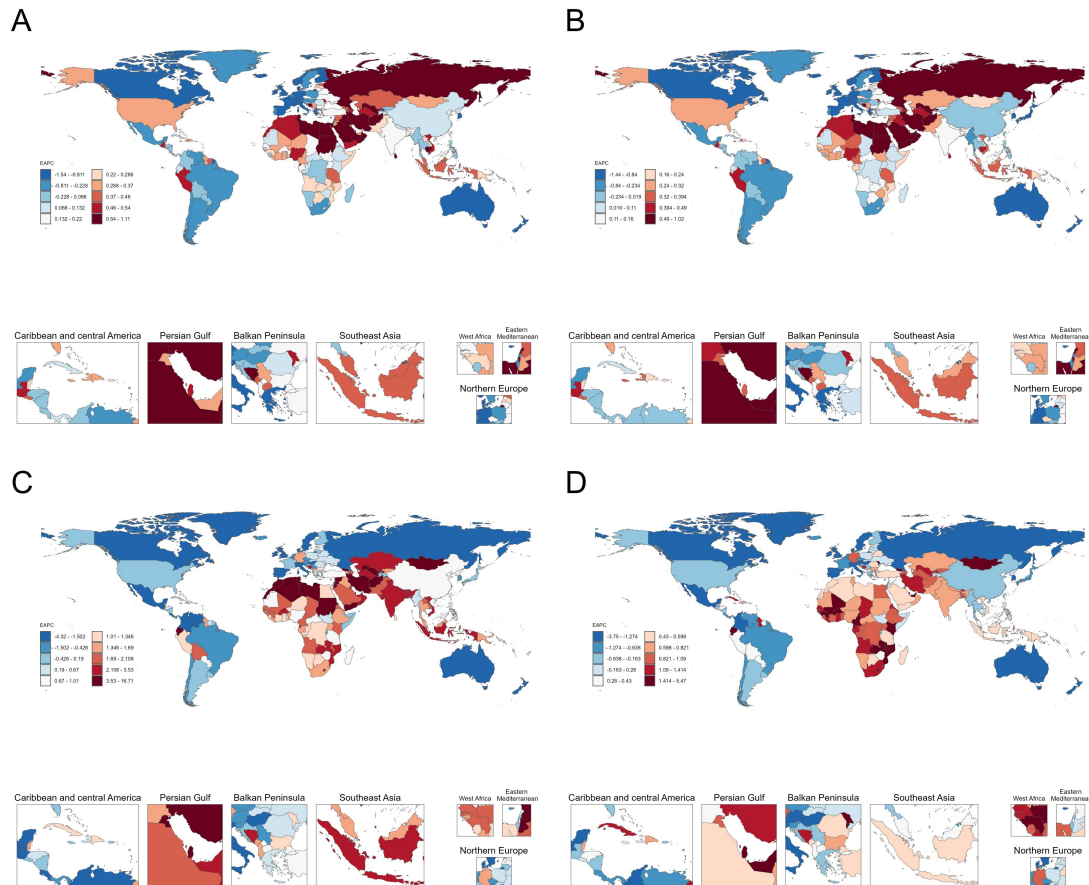
	494.994	21.860	2367.995	42.062	2.42		
Zambia	(305.214-884.3 22)	(13.263-38 .717)	(1121.091-4758 .953)	(21.149-8 3.262)	(2.16,2. 68)	378.39	92.41
	223.858	6.556	415.847	7.278	0.40		
Zimbabwe	(128.785-399.4 21)	(3.669-11. 641)	(261.217-716.4 93)	(4.492-12. 499)	(0.36,0. 44)	85.76	11

Abbreviations: ASR, age-standardized rate; RC, relative change; EAPC, estimated annual percentage change; SDI, sociodemographic index; UI, uncertainty interval; CI, confidence interval.

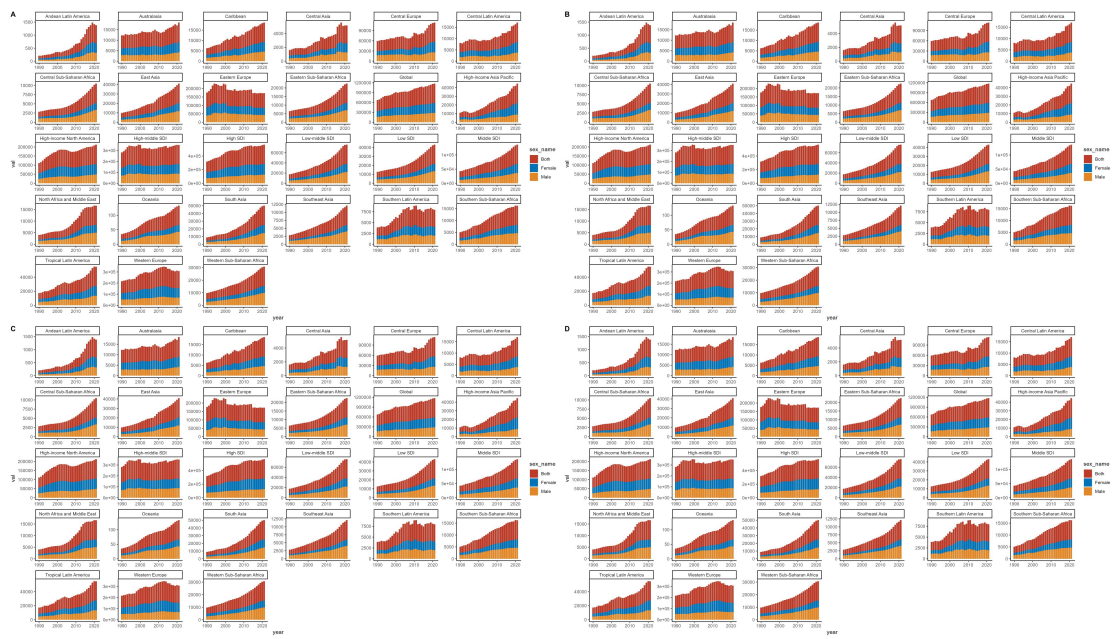




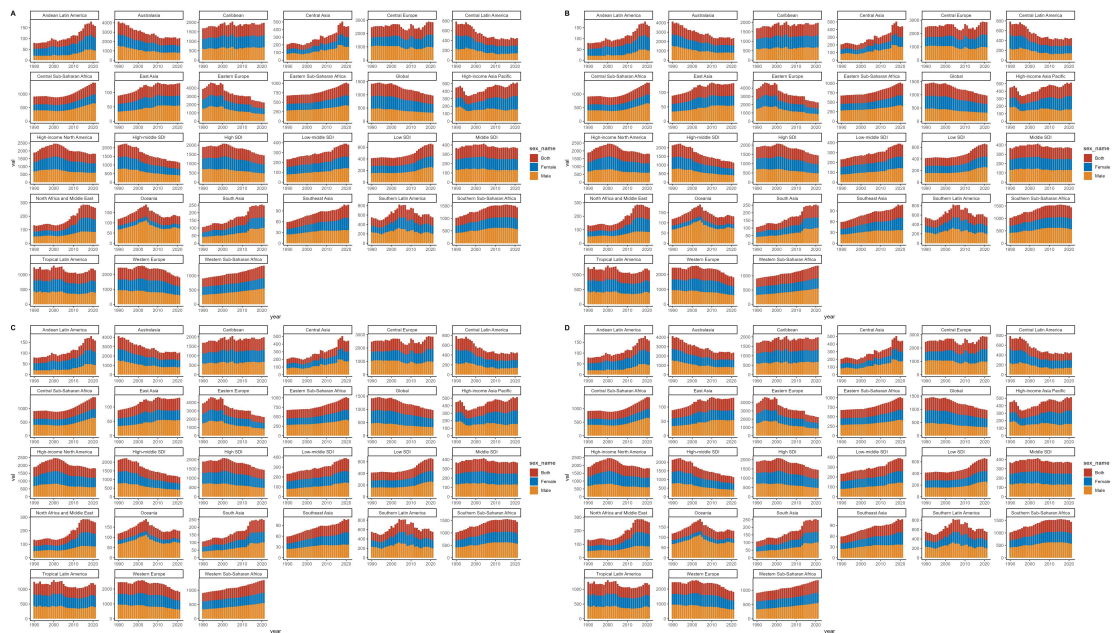
Supplementary materials Figure 4 (A) The relative change of ASR of prevalence of LE-PAD from 1990 to 2021. (B) The relative change of ASR of incidence of LE-PAD from 1990 to 2021. (C) The relative change of ASR of deaths of LE-PAD from 1990 to 2021. (D) The relative change of ASR of DALYs of LE-PAD from 1990 to 2021.



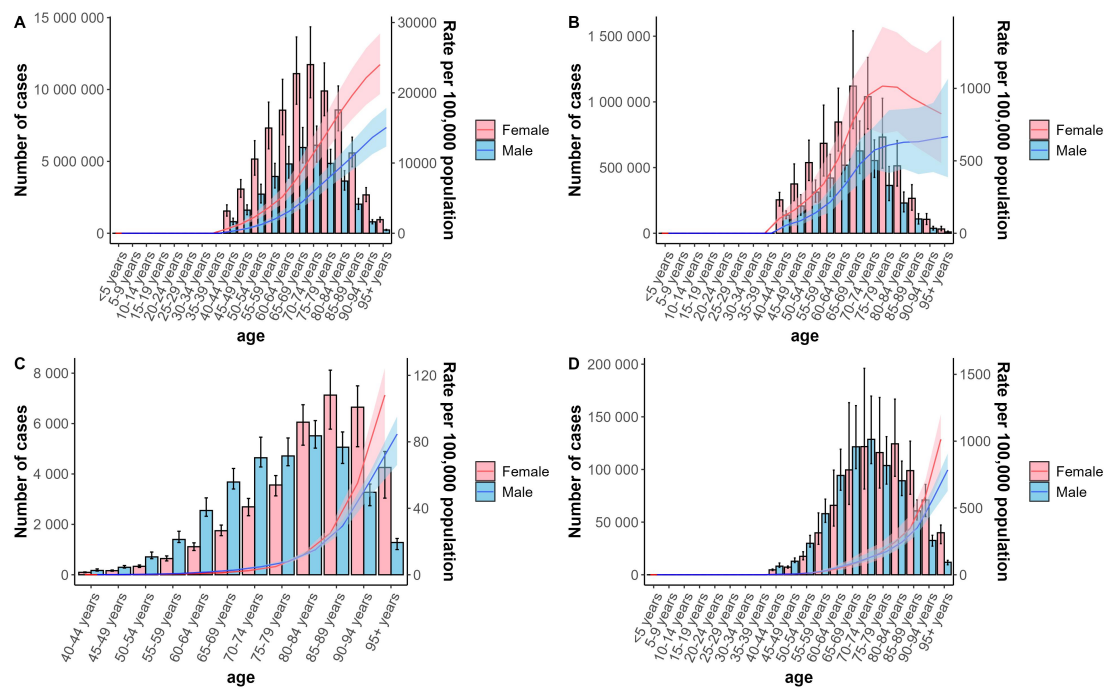
Supplementary materials Figure 5 (A) The EAPC of ASR of prevalence of LE-PAD from 1990 to 2021. (B) The EAPC of ASR of incidence of LE-PAD from 1990 to 2021. (C) The EAPC of ASR of deaths of LE-PAD from 1990 to 2021. (D) The EAPC of ASR of DALYs of LE-PAD from 1990 to 2021.



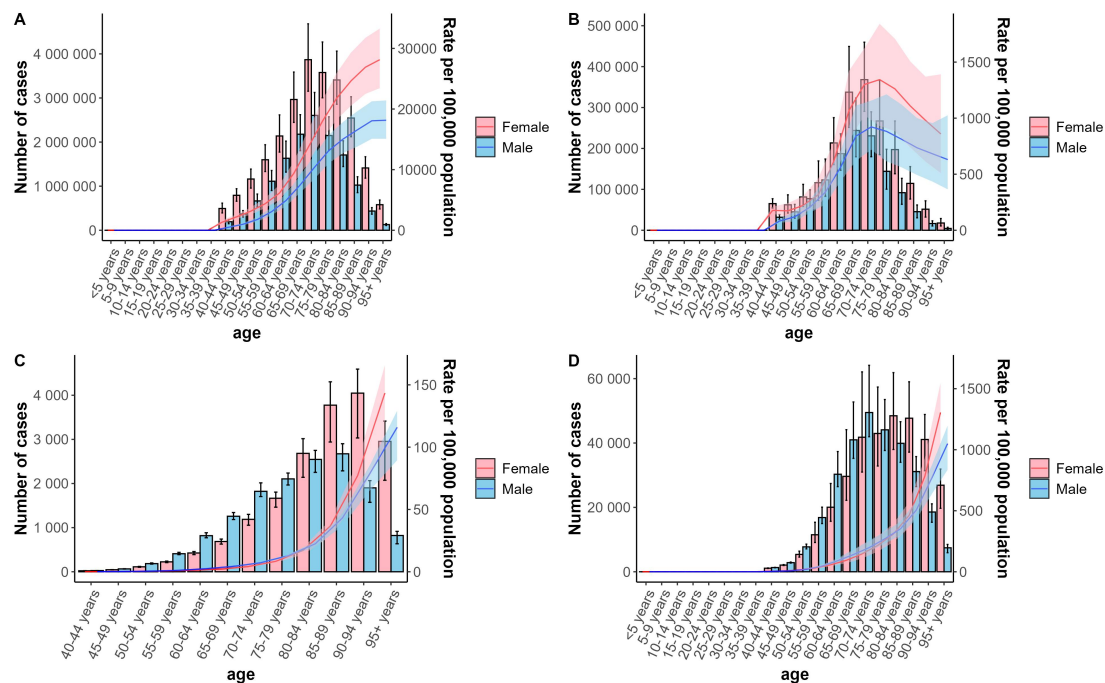
Supplementary materials Figure 6 The trends of case number in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD categorized by global and 5 SDI regions, and 21 regions from 1990 to 2021.



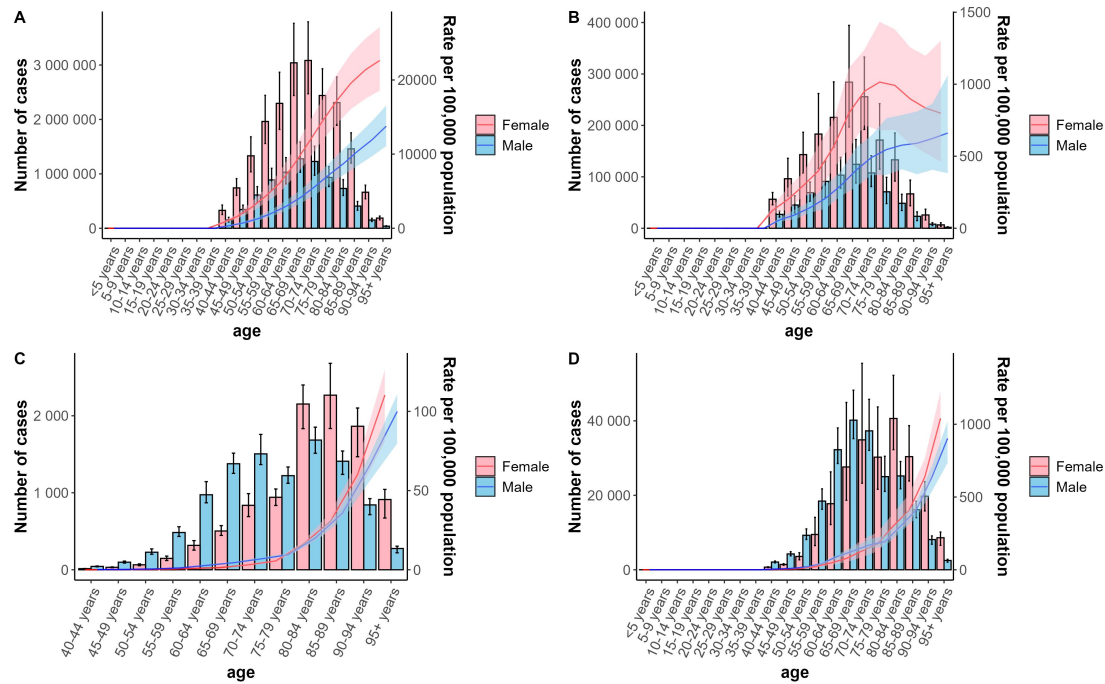
Supplementary materials Figure 7 The trends of ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD categorized by global, 5 SDI regions and 21 regions from 1990 to 2021.



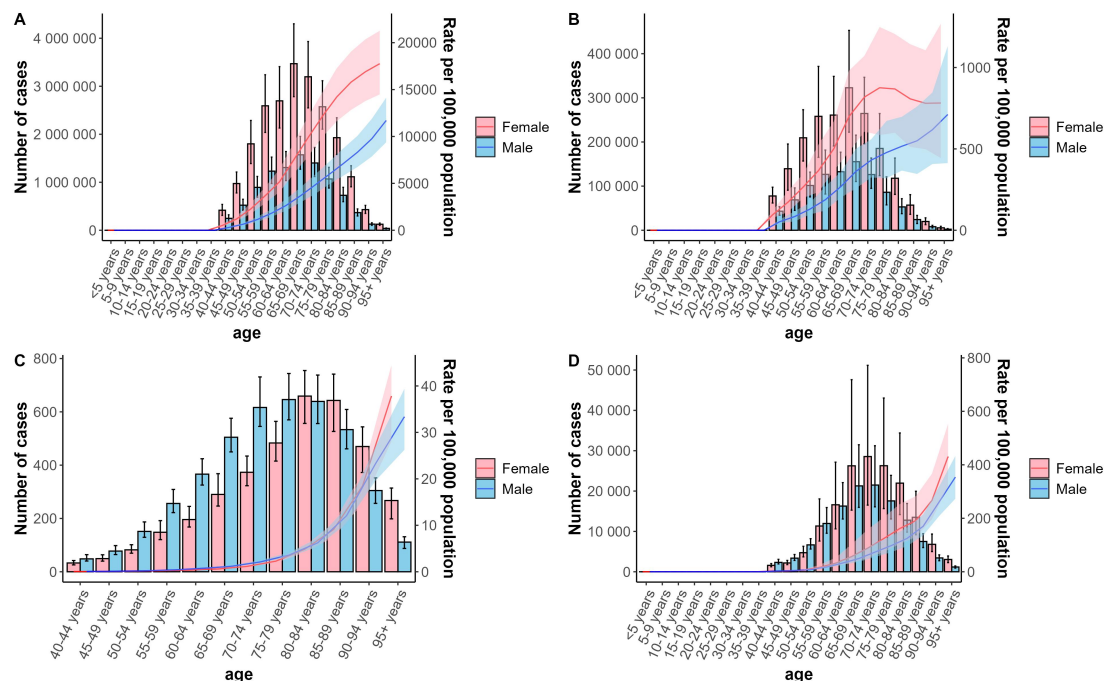
Supplementary materials Figure 8 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in global.



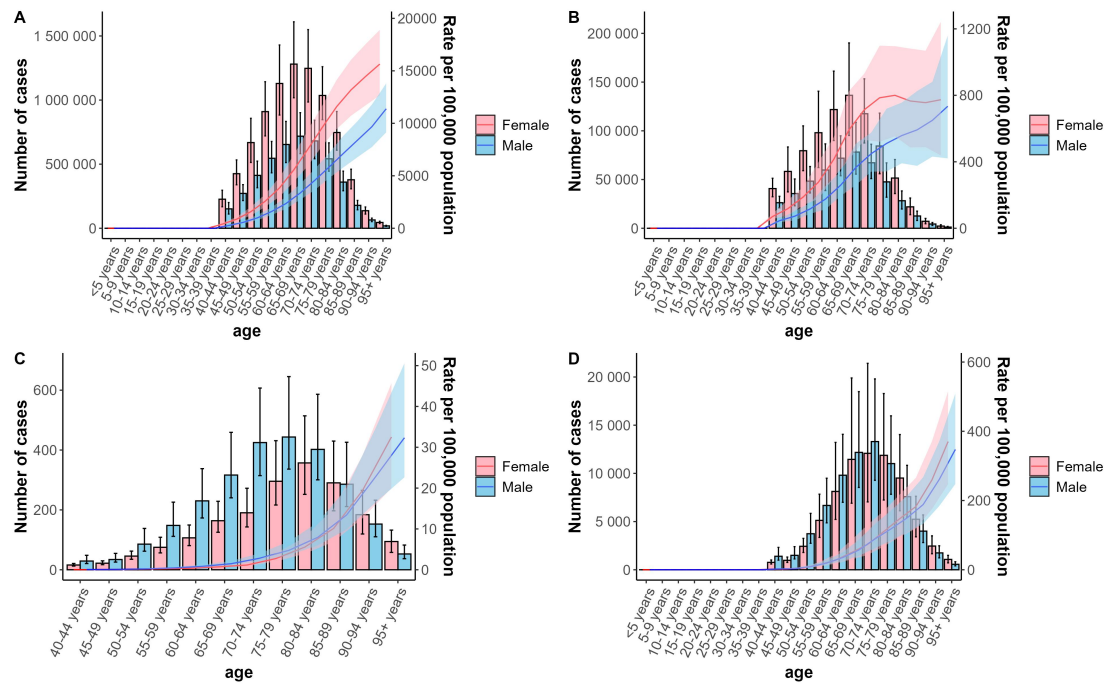
Supplementary materials Figure 9 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in high SDI region.



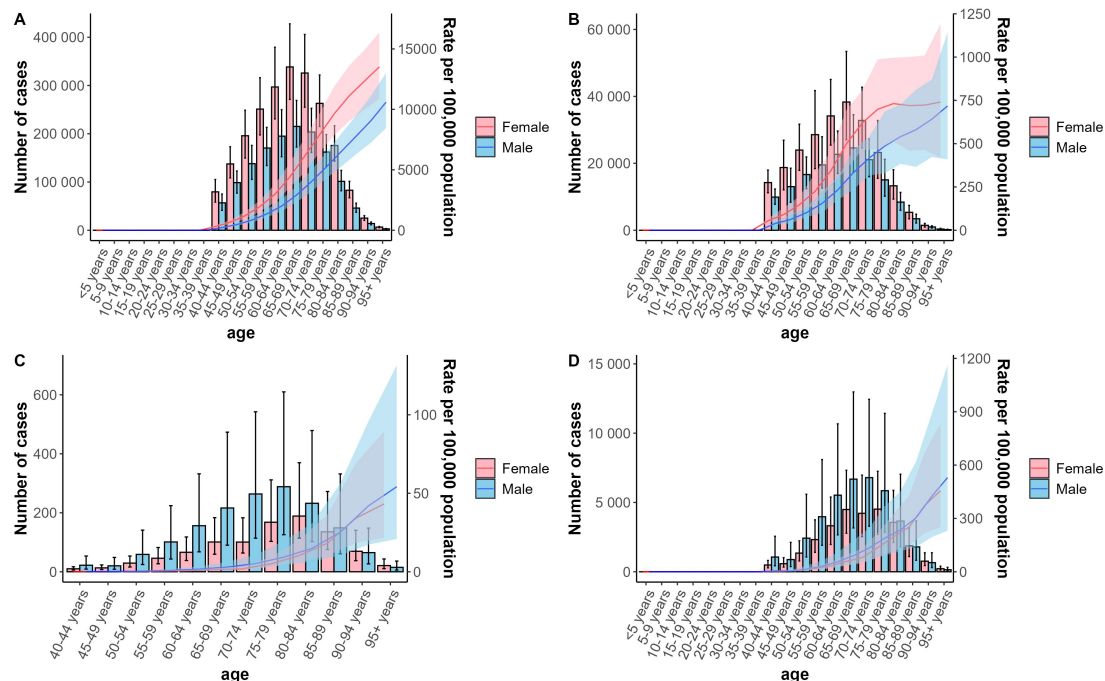
Supplementary materials Figure 10 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in high-middle SDI region.



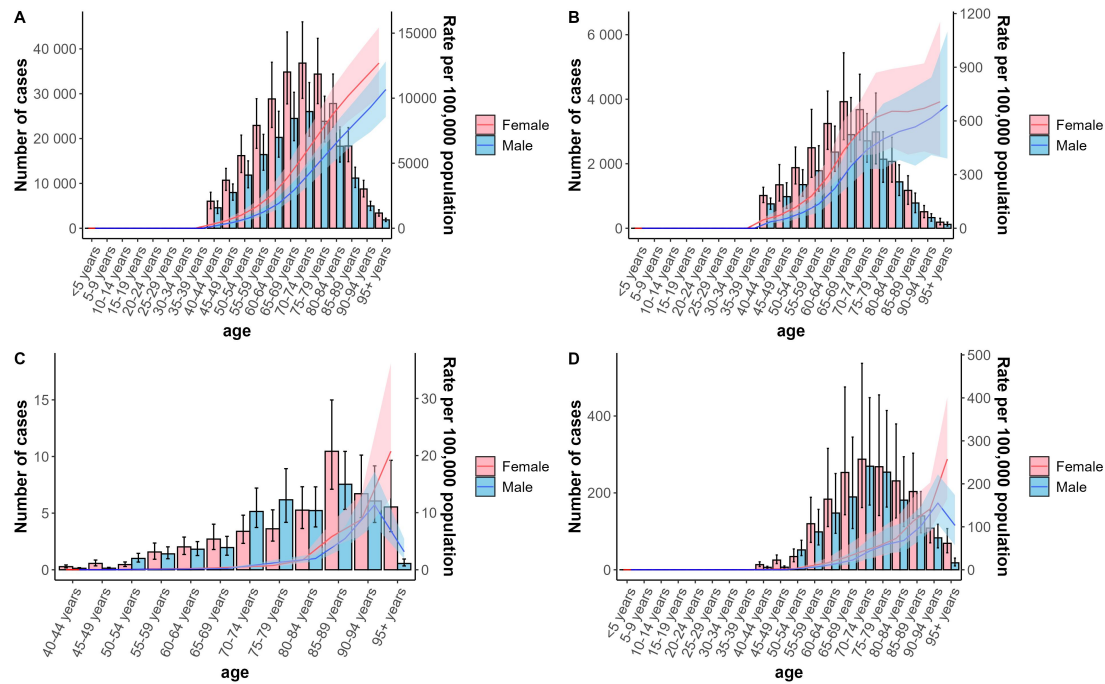
Supplementary materials Figure 11 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in middle SDI region.



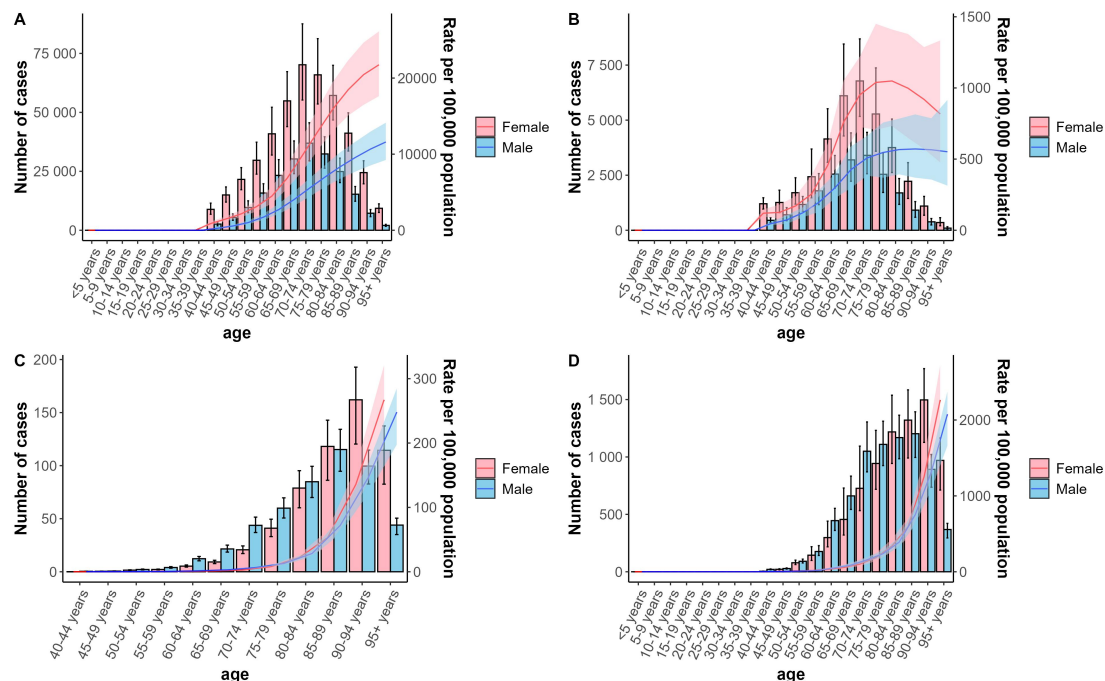
Supplementary materials Figure 12 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in low-middle SDI region.



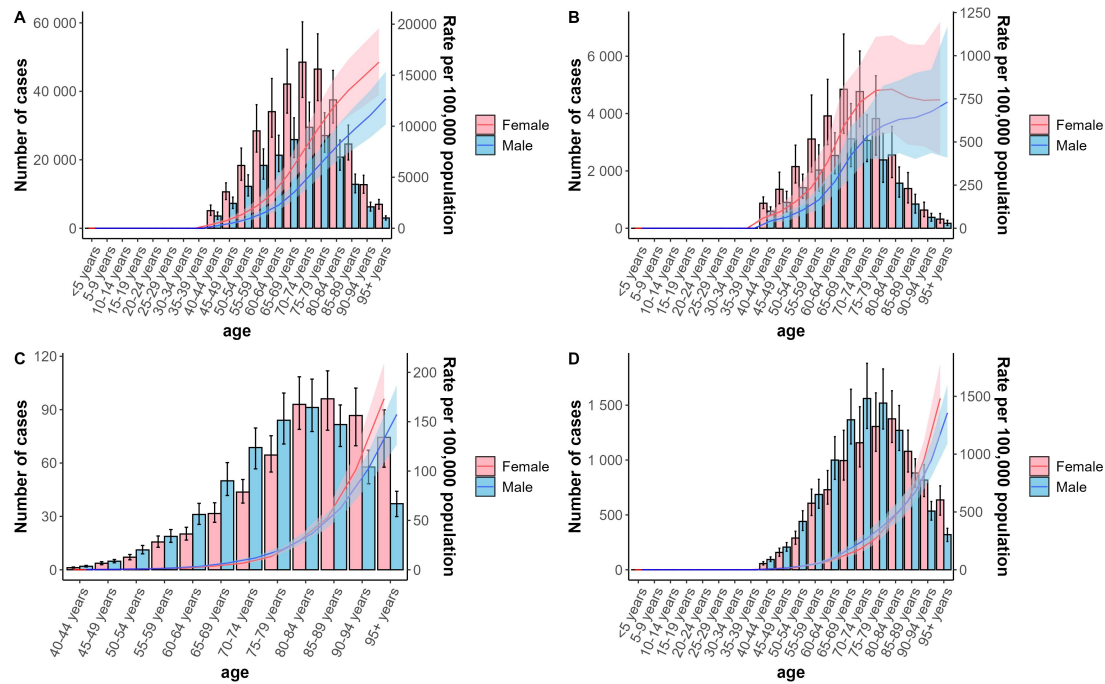
Supplementary materials Figure 13 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in low SDI region.



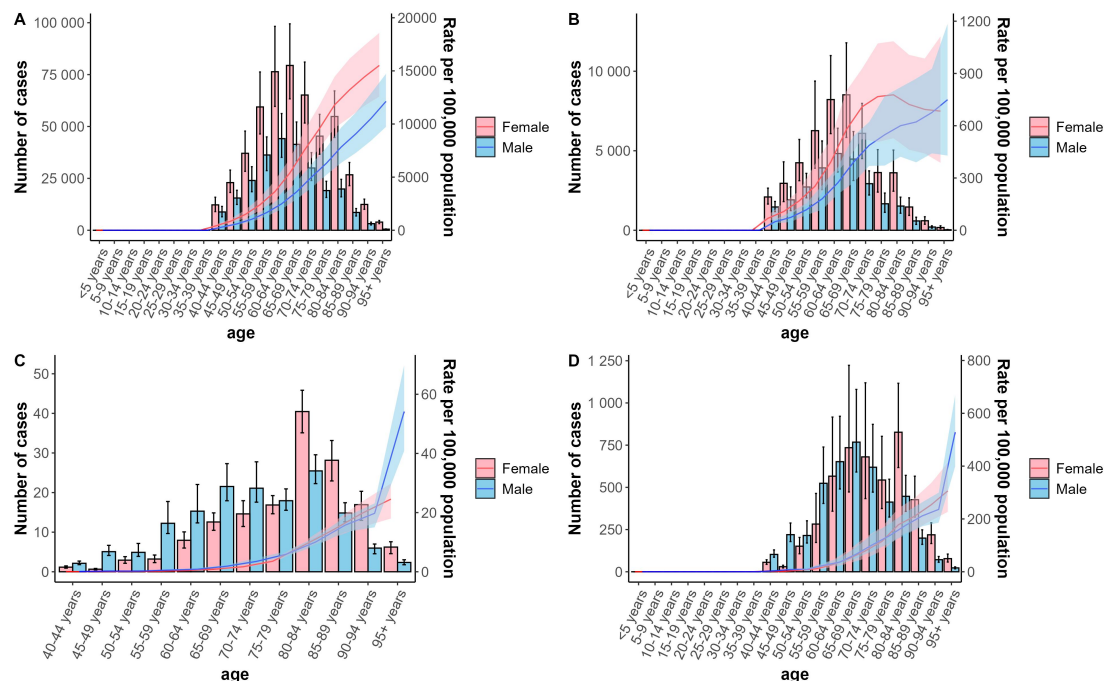
Supplementary materials Figure 14 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Andean Latin America.



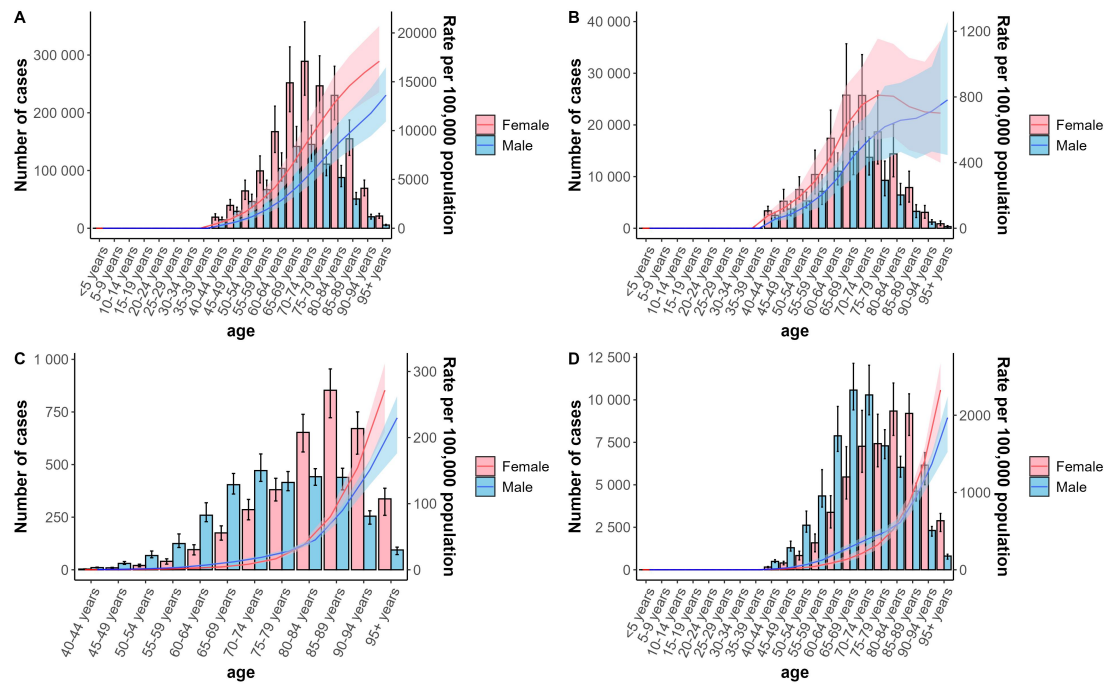
Supplementary materials Figure 15 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Australasia.



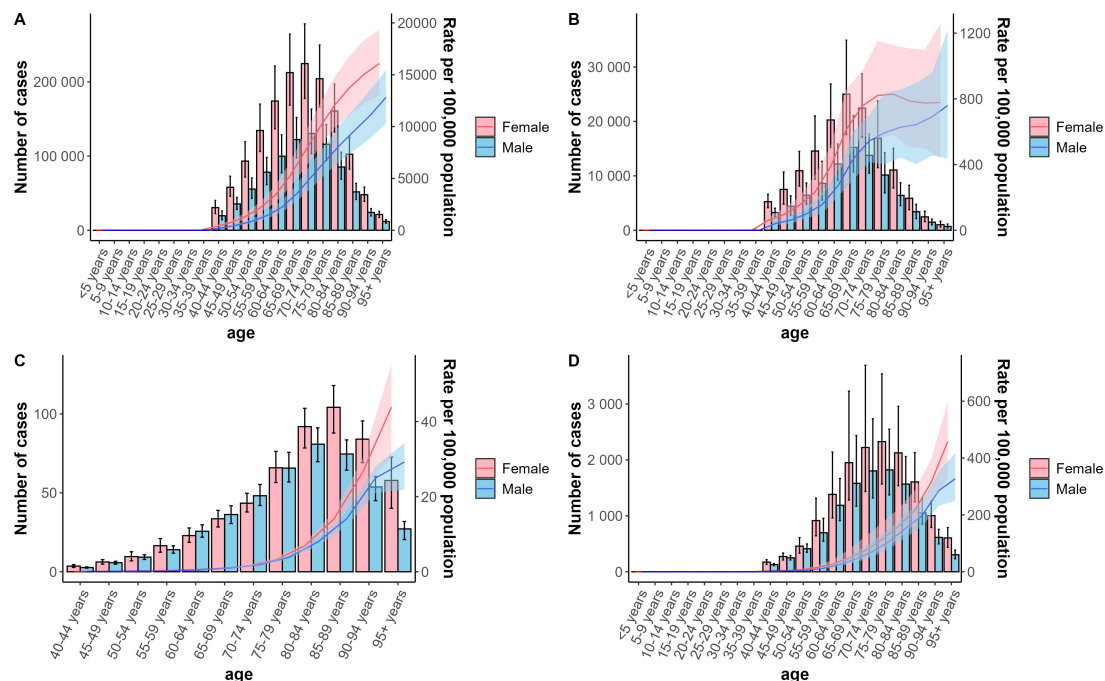
Supplementary materials Figure 16 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Caribbean.



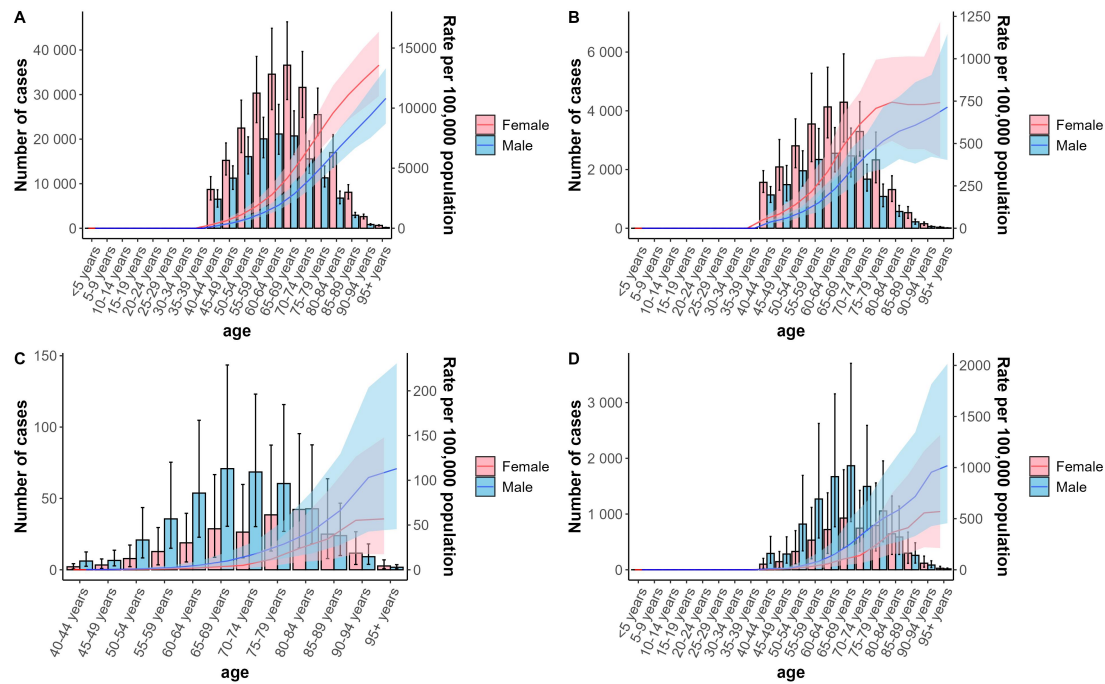
Supplementary materials Figure 17 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Central Asia.



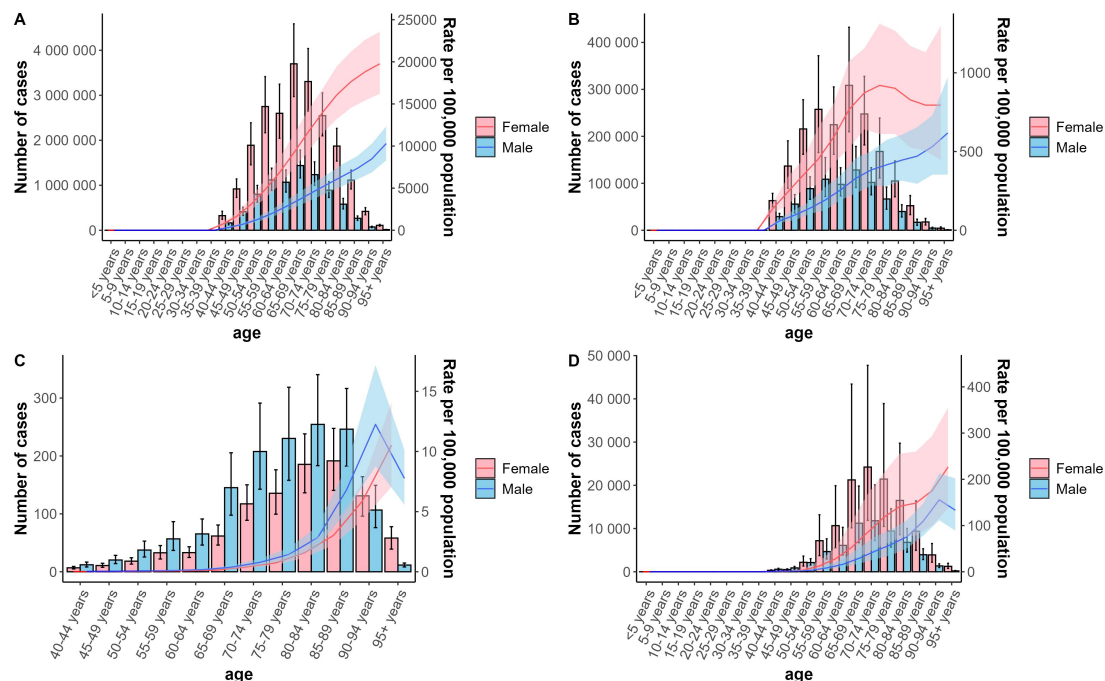
Supplementary materials Figure 18 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Central Europe.



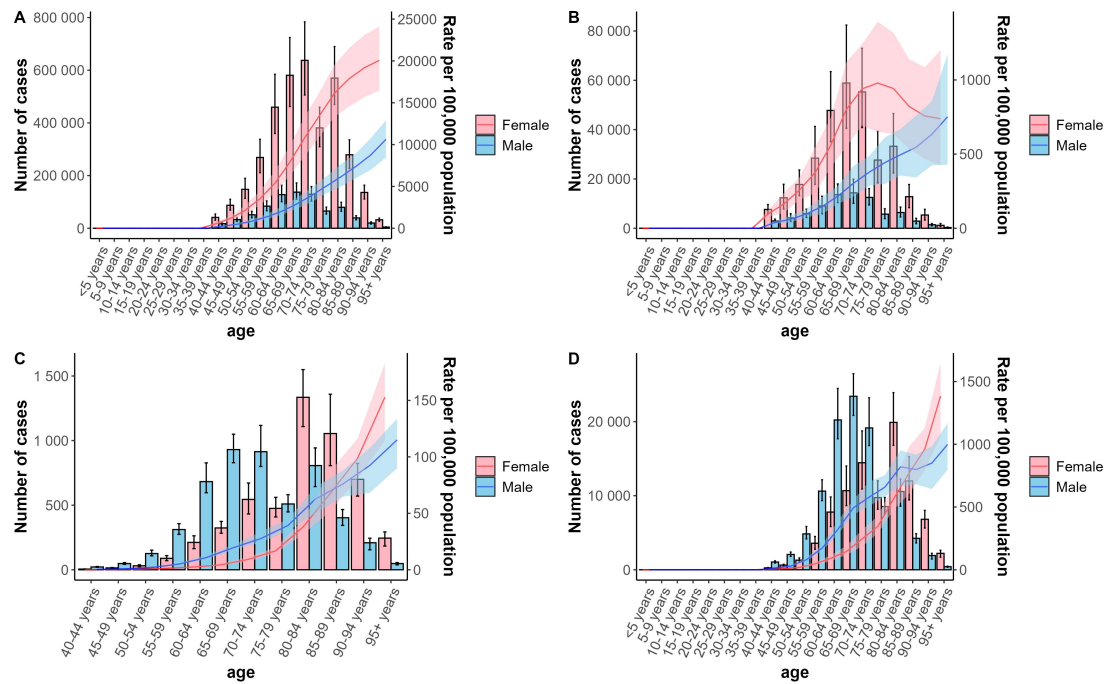
Supplementary materials Figure 19 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Central Latin America.



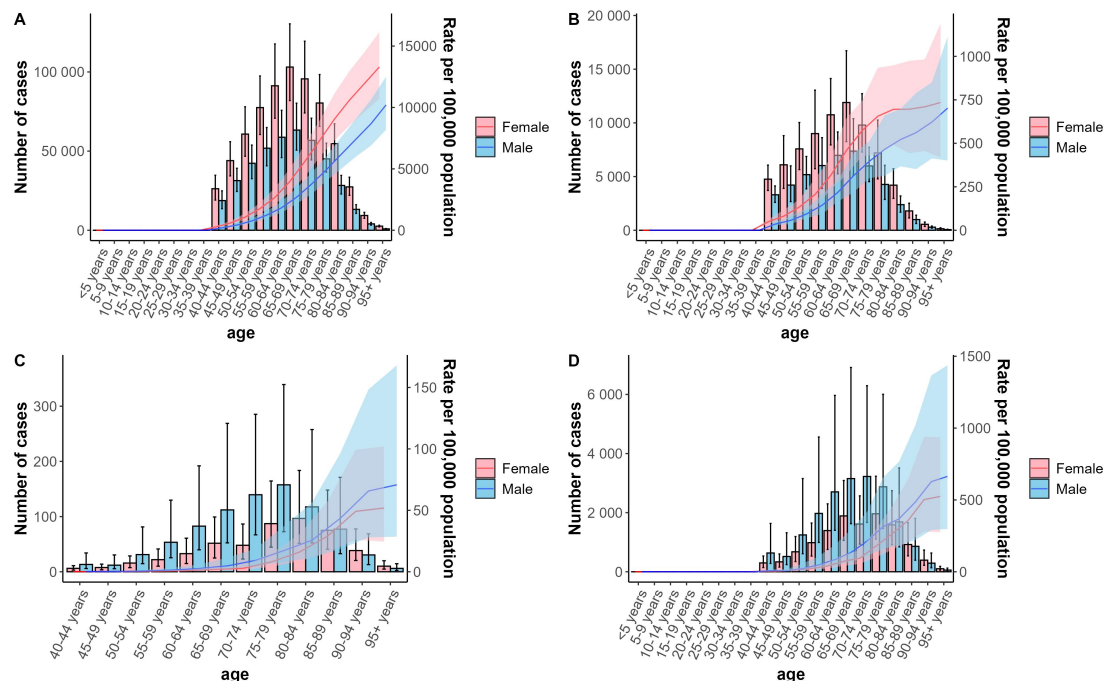
Supplementary materials Figure 20 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Central Sub-Saharan Africa.



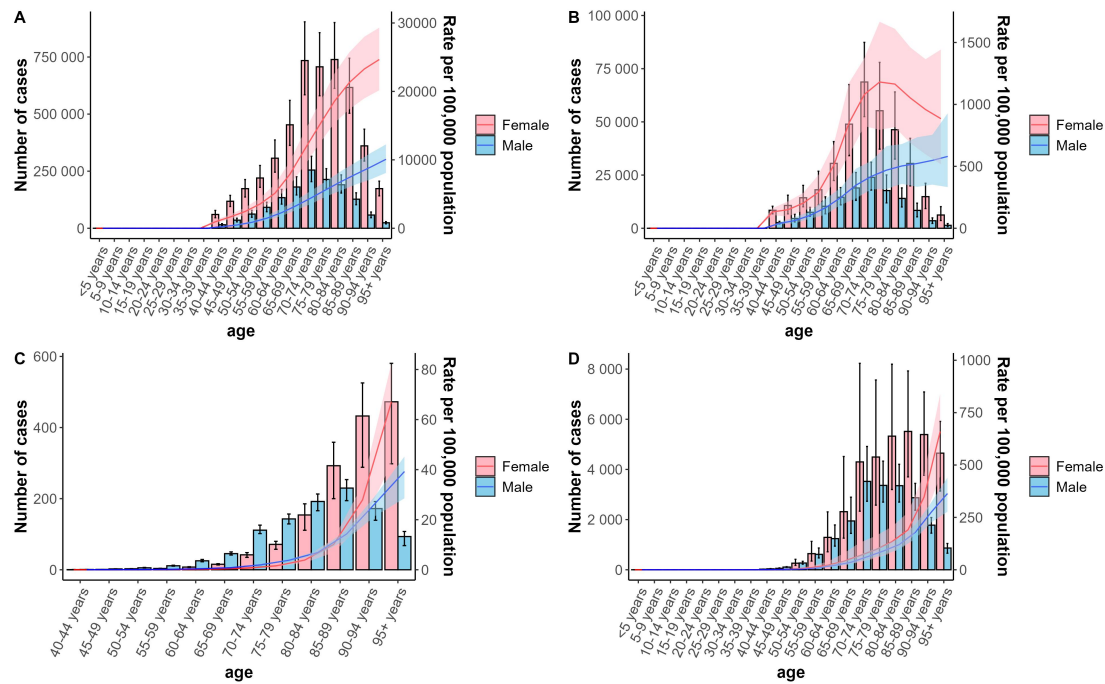
Supplementary materials Figure 21 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in East Asia.



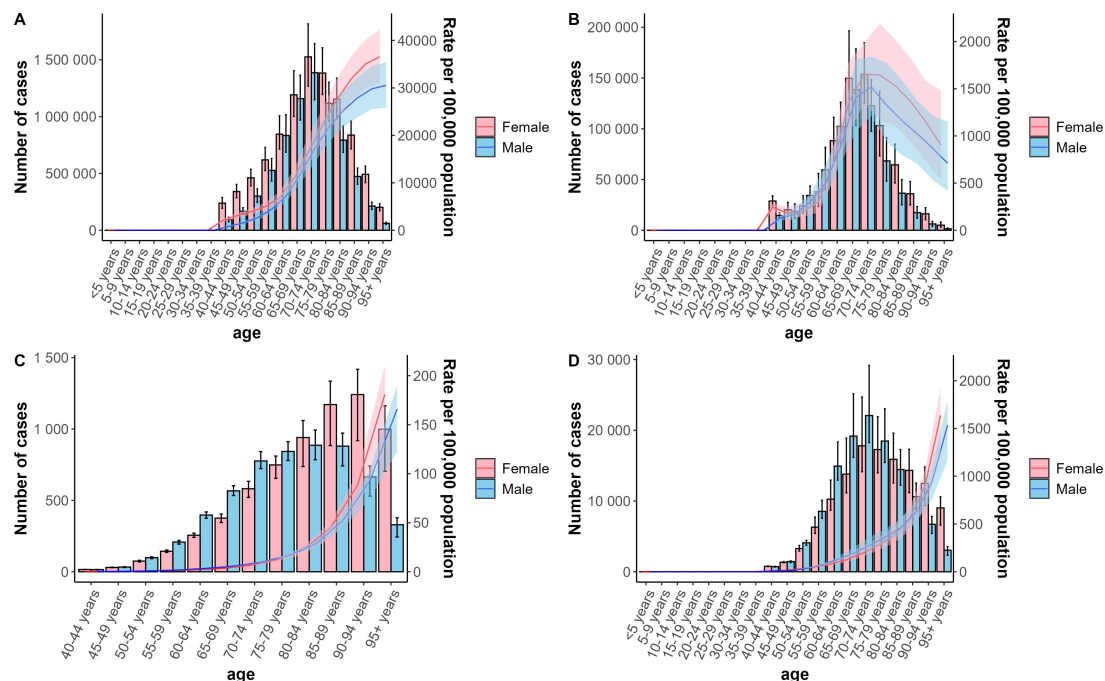
Supplementary materials Figure 22 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Eastern Europe.



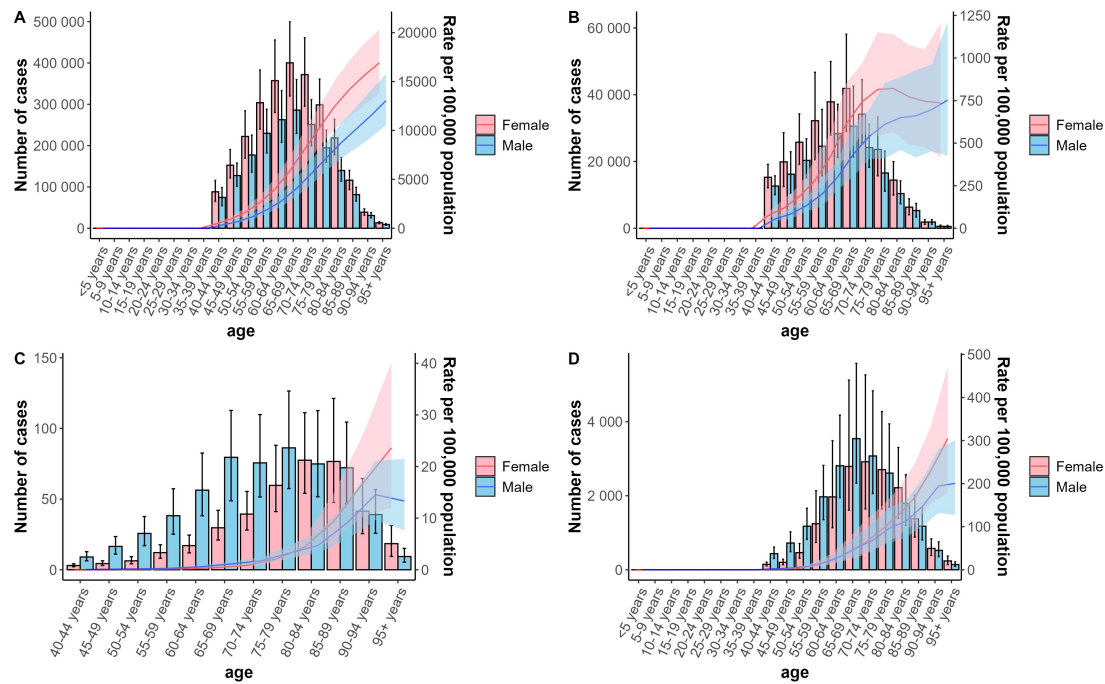
Supplementary materials Figure 23 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Eastern Sub-Saharan Africa.



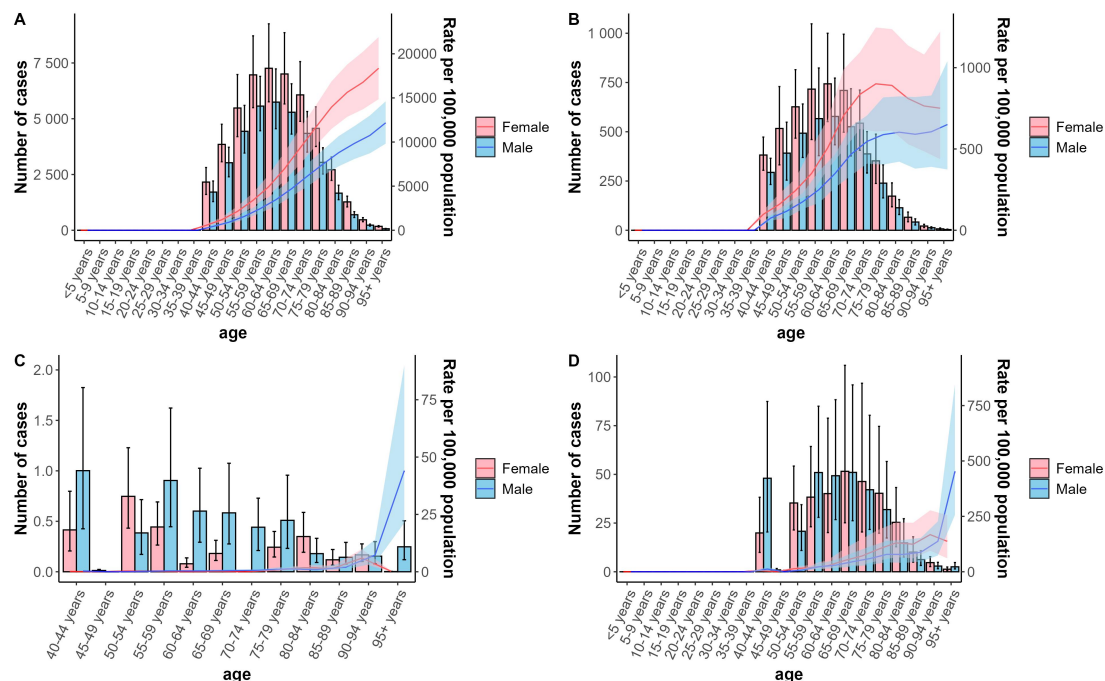
Supplementary materials Figure 24 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in High-income Asia Pacific.



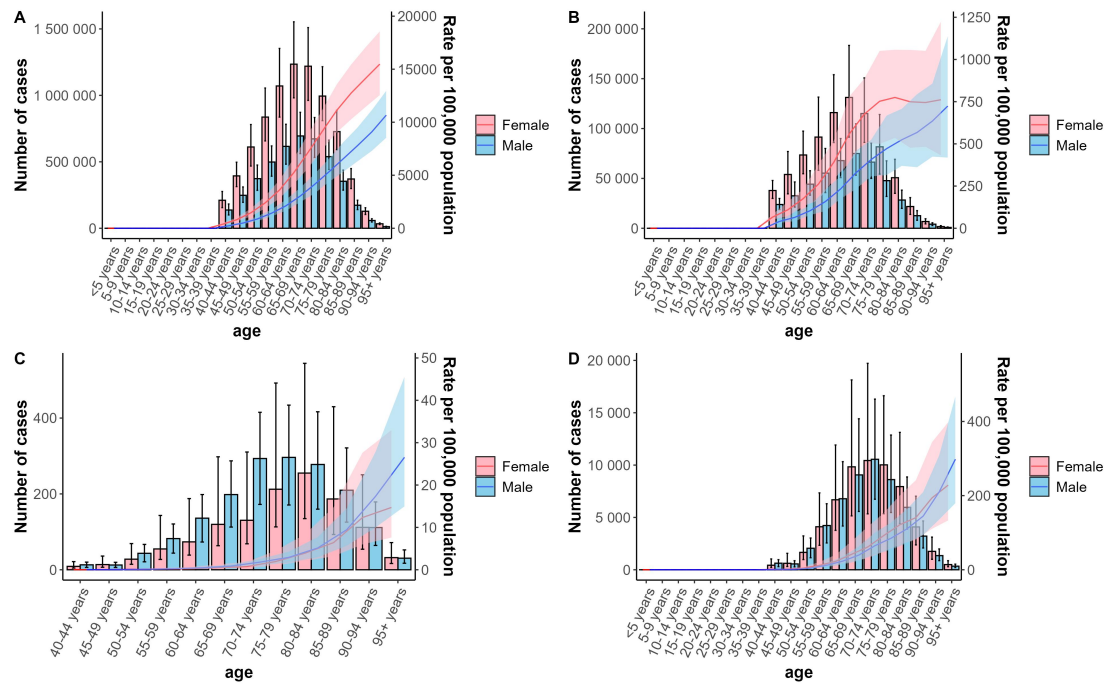
Supplementary materials Figure 25 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in High-income North America.



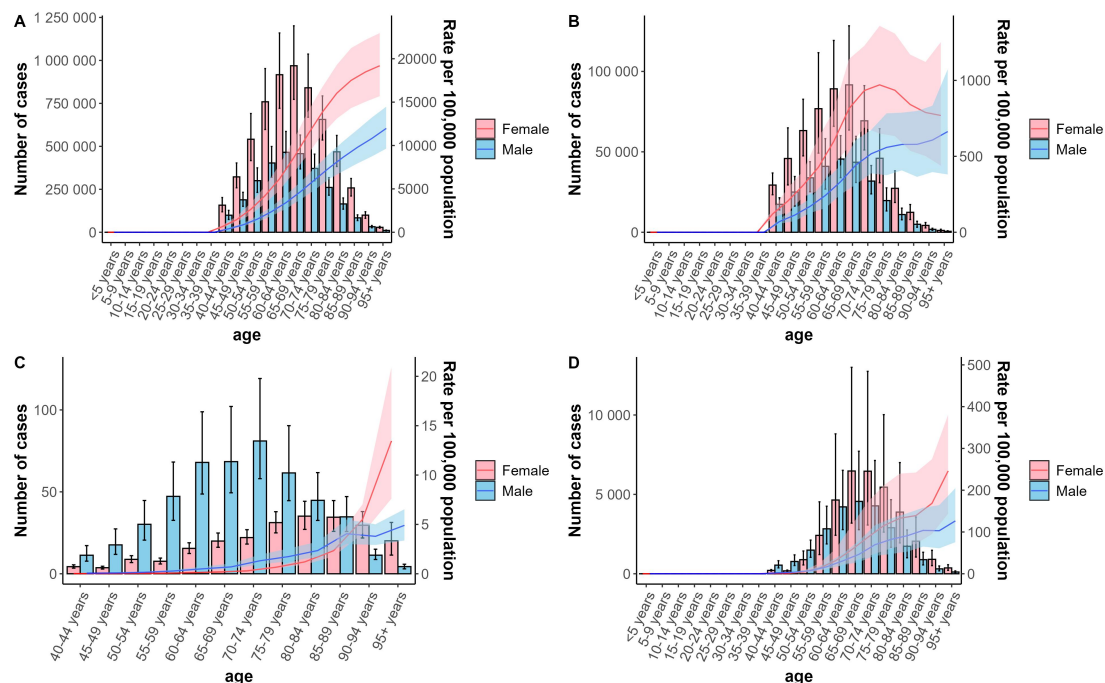
Supplementary materials Figure 26 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in North Africa and Middle East.



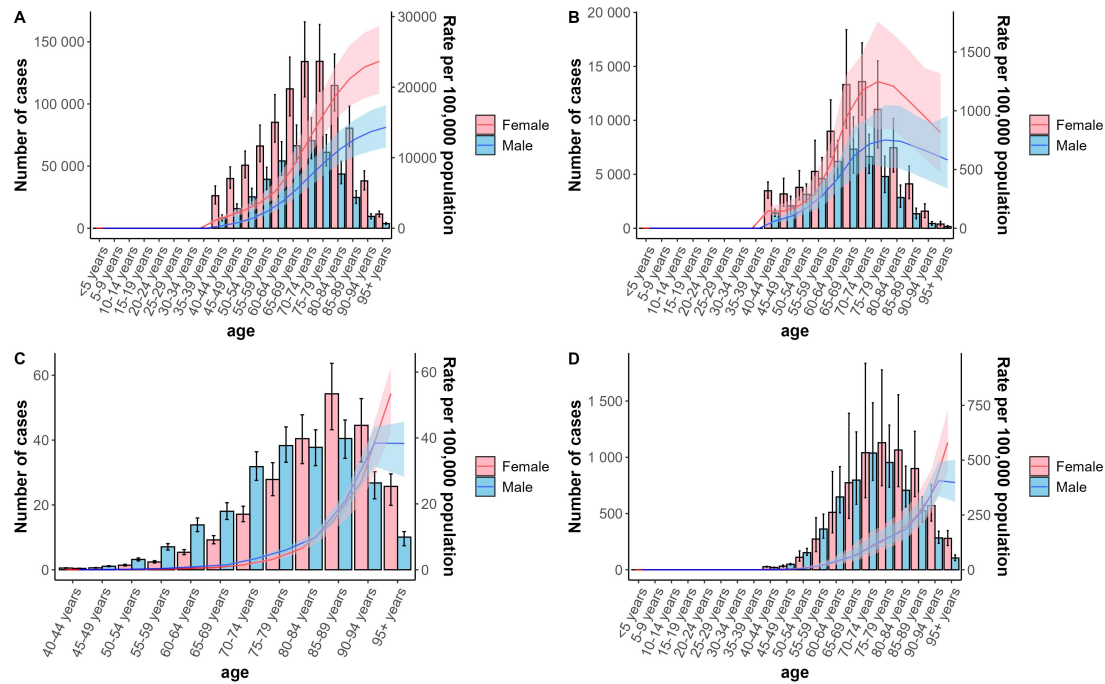
Supplementary materials Figure 27 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Oceania.



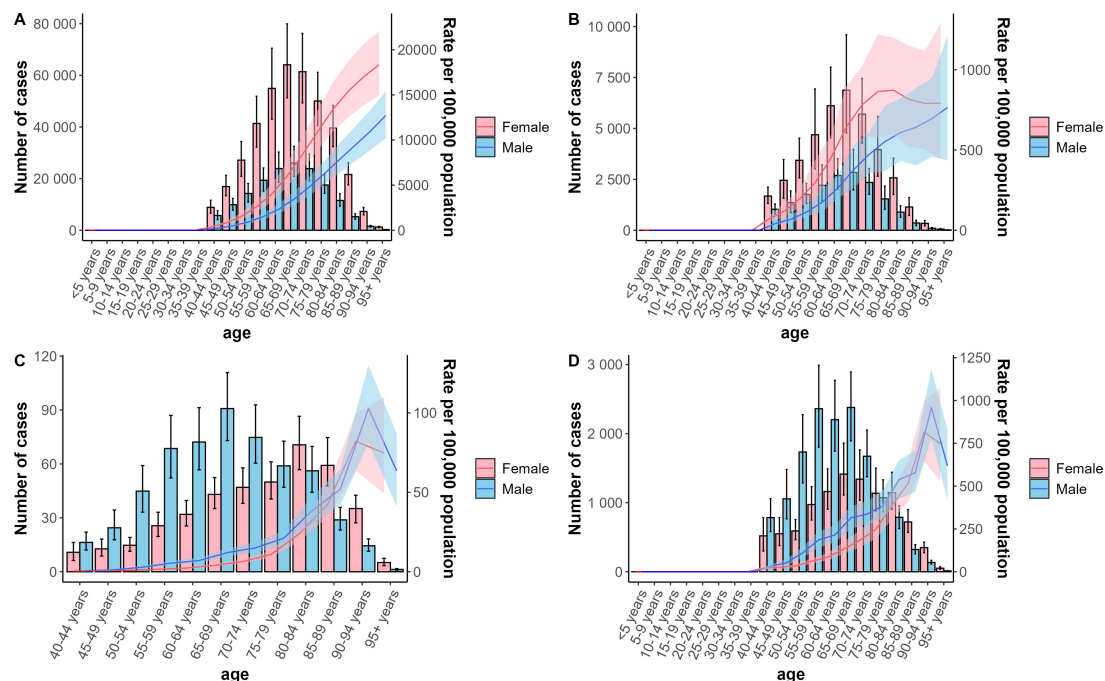
Supplementary materials Figure 28 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in South Asia.



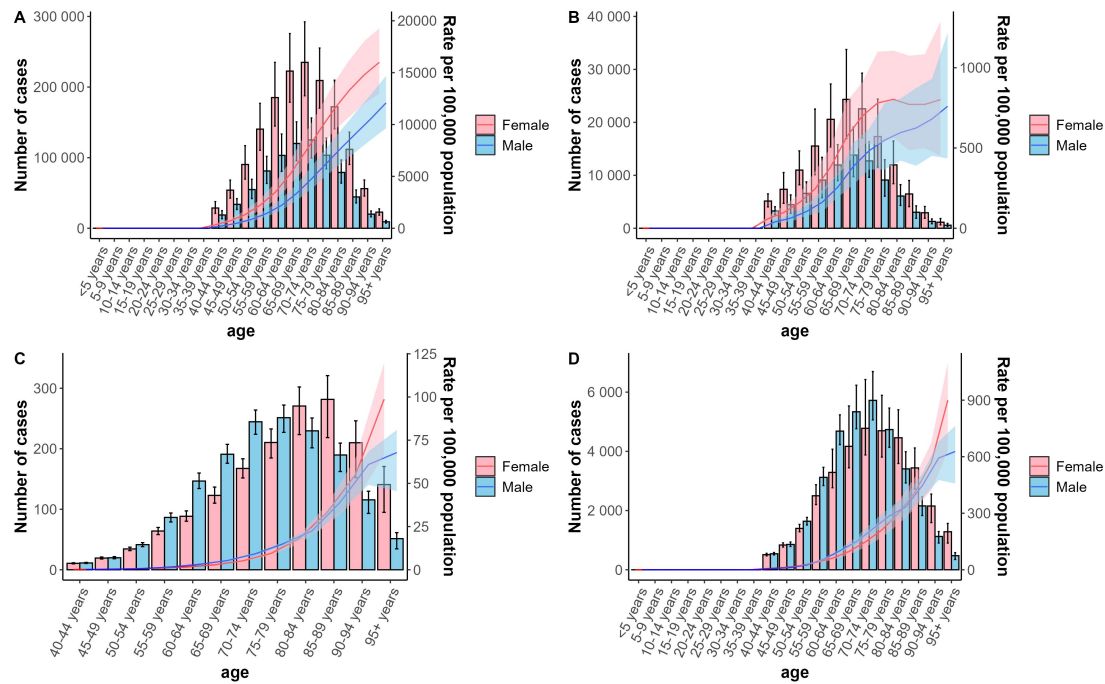
Supplementary materials Figure 29 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Southeast Asia.



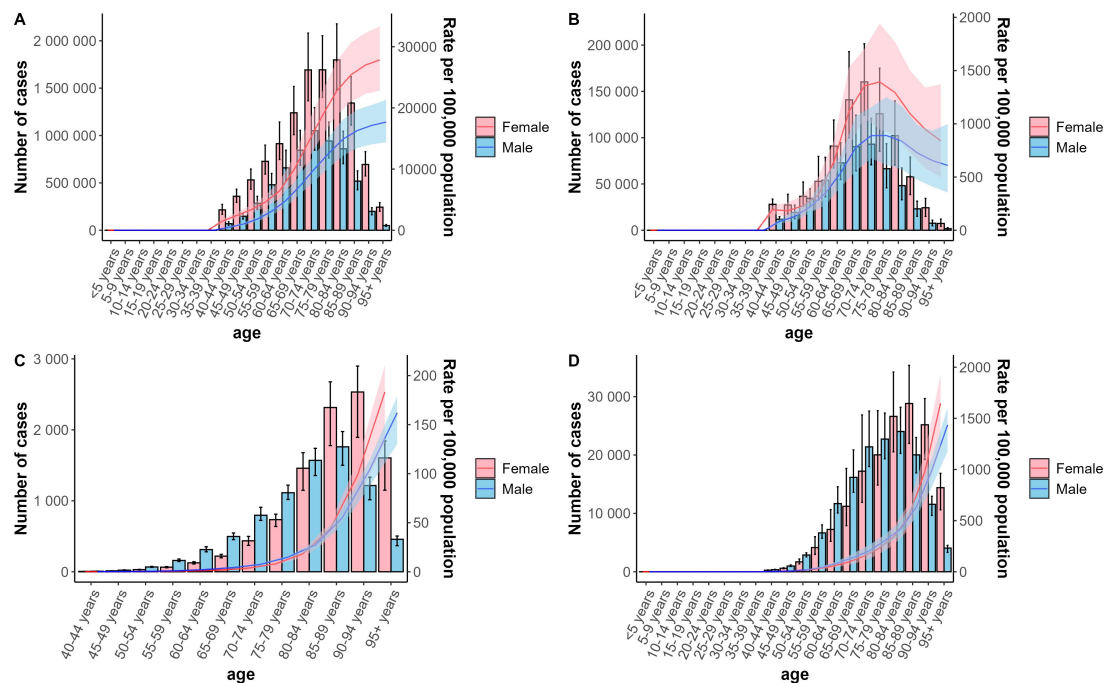
Supplementary materials Figure 30 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Southern Latin America.



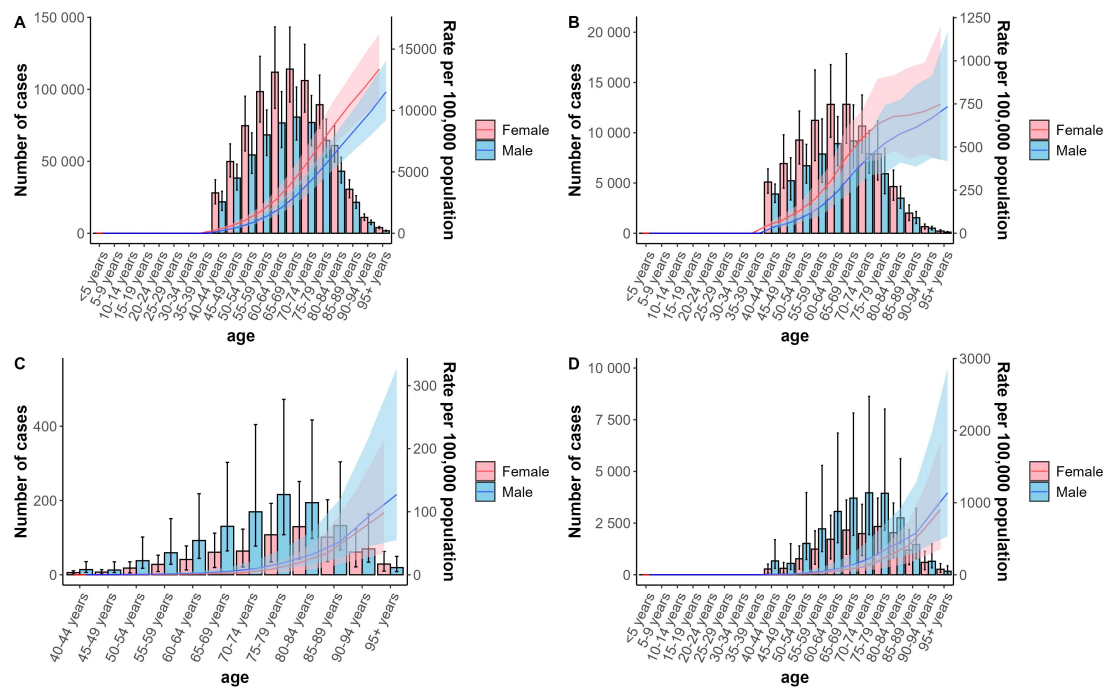
Supplementary materials Figure 31 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Southern Sub-Saharan Africa.



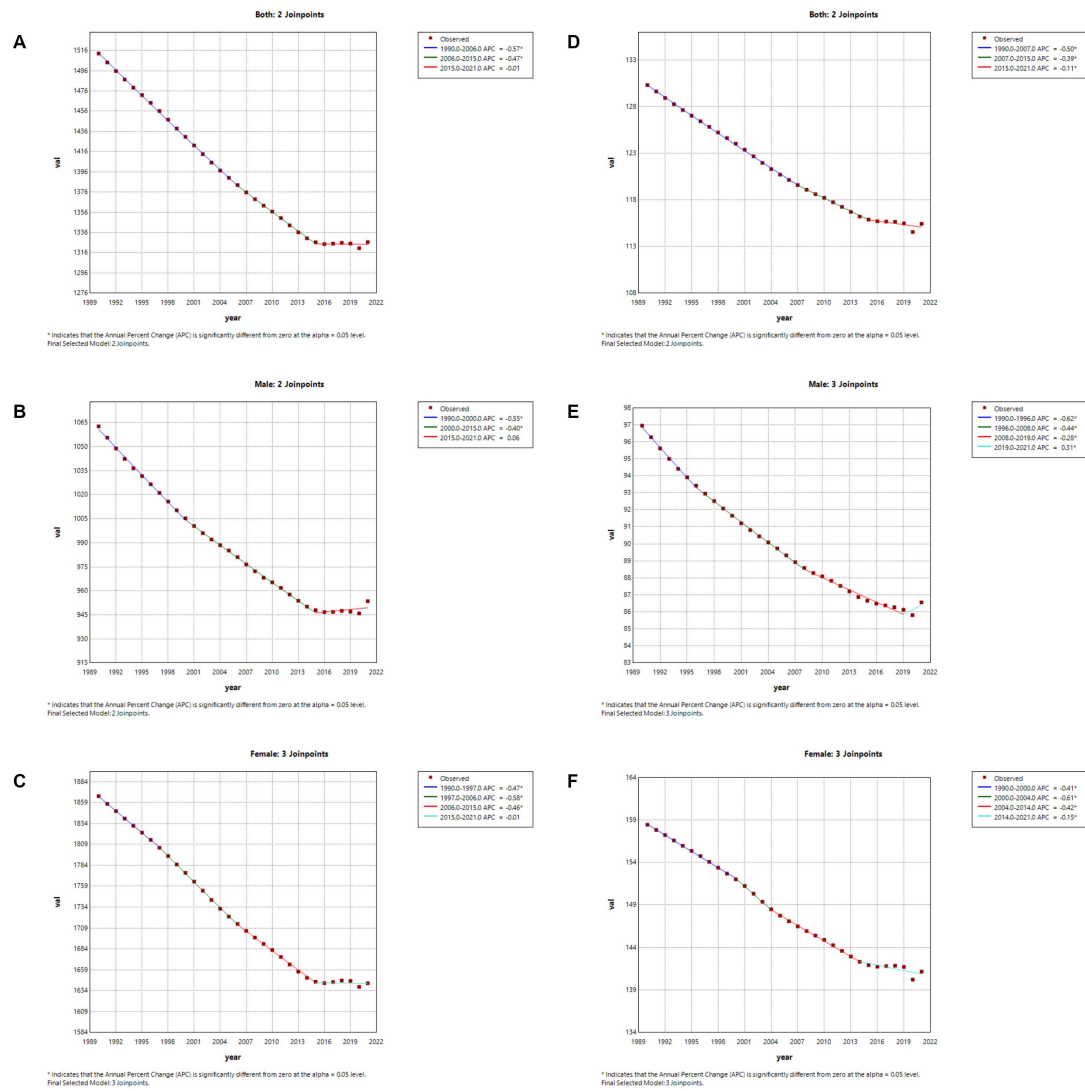
Supplementary materials Figure 32 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Tropical Latin America.



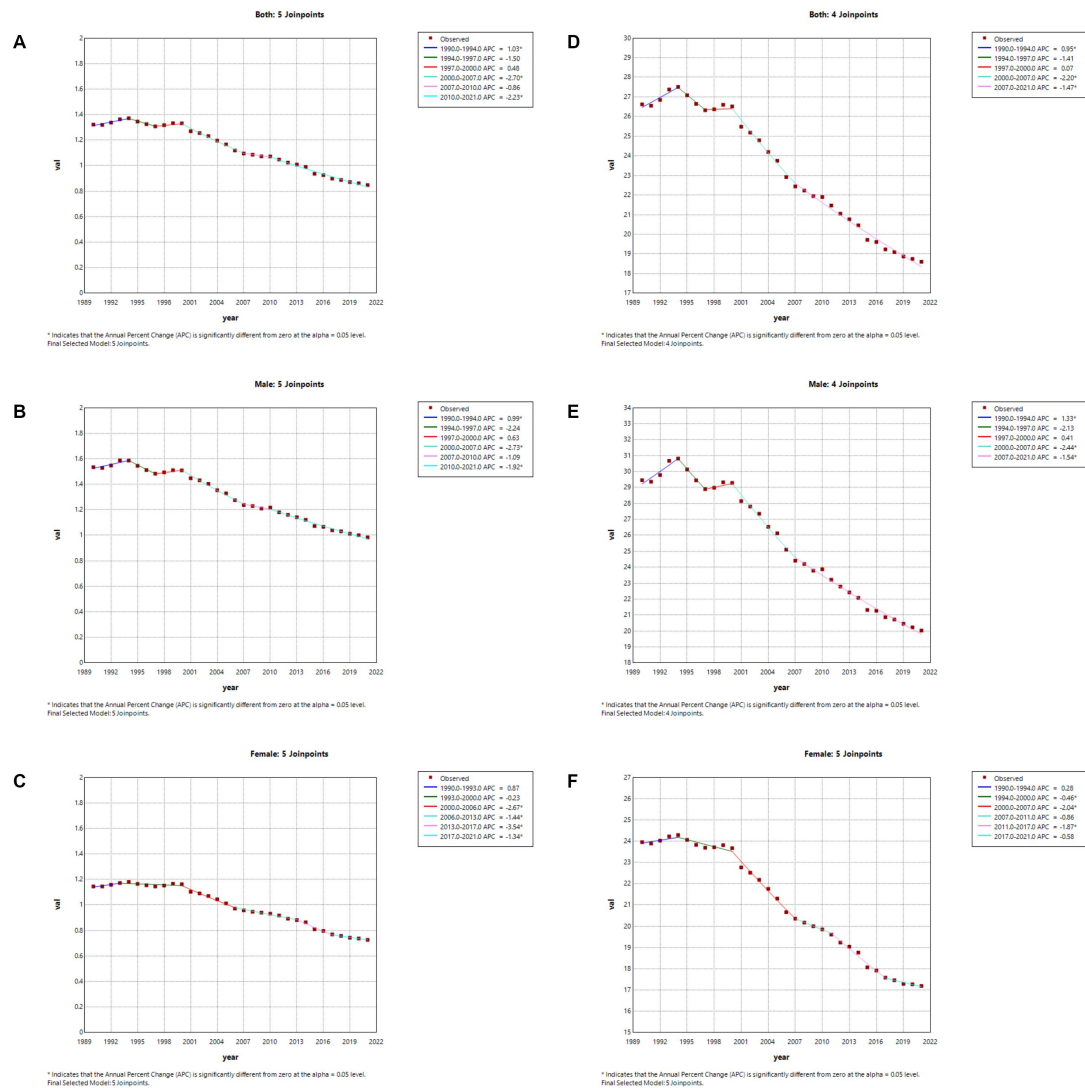
Supplementary materials Figure 33 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Western Europe.



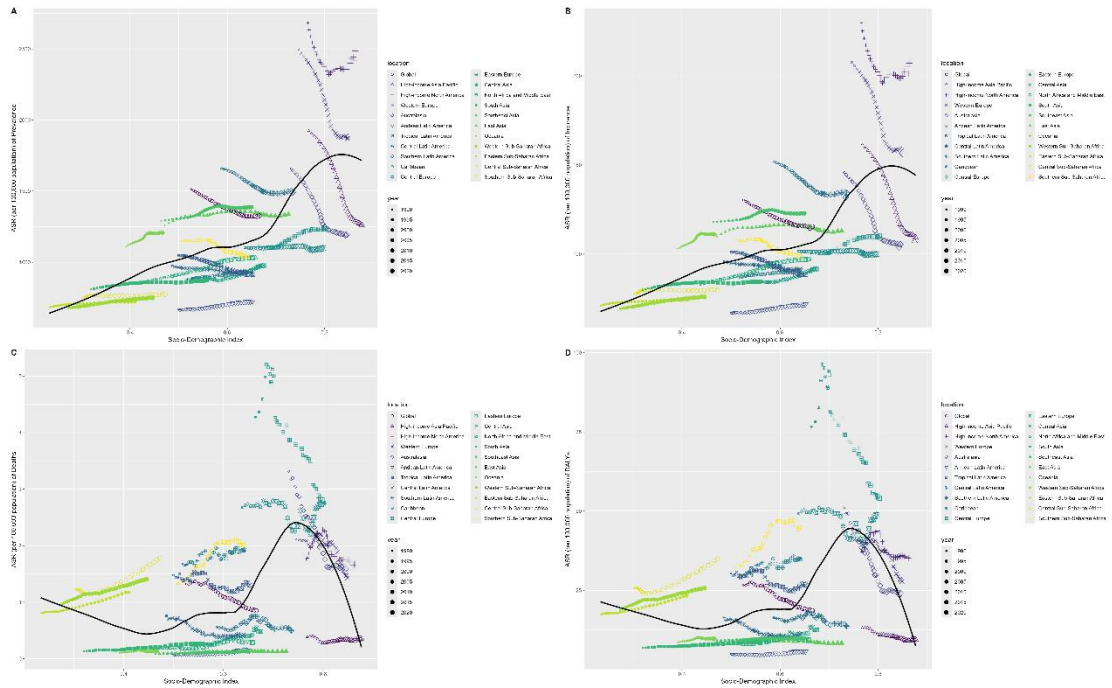
Supplementary materials Figure 34 The trends of case number and ASR in prevalence (A), incidence (B), deaths (C), and DALYs (D) for LE-PAD across different genders, female and male, by age groups ranging from under 5 years to 95+ years in Western Sub-Saharan Africa.



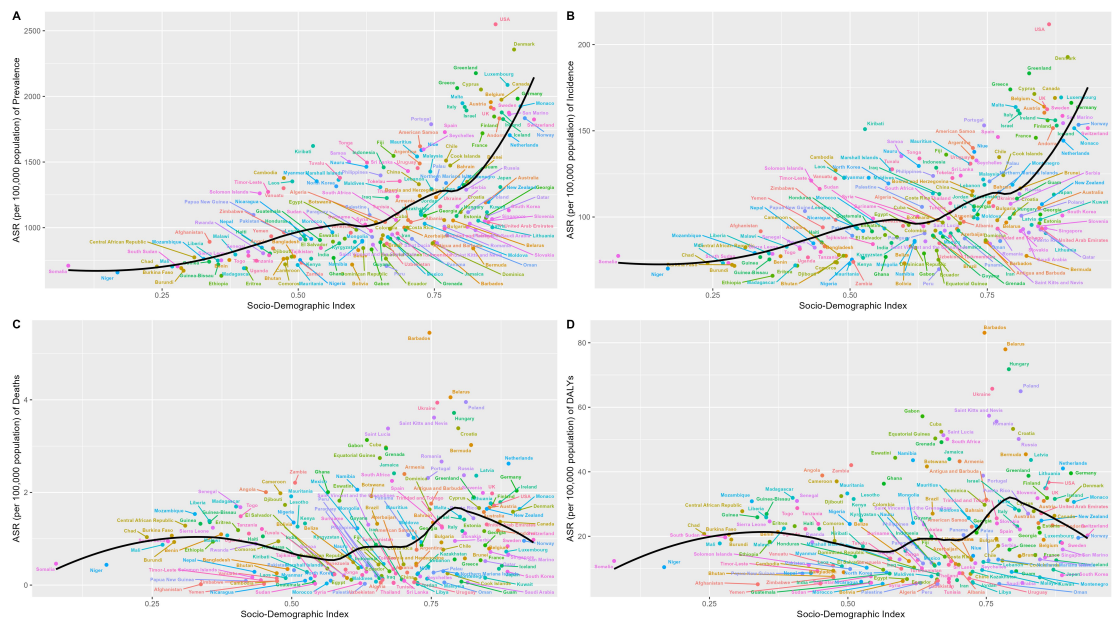
Supplementary materials Figure 35 The joinpoint analysis of ASR in prevalence for both gender (A), prevalence for male (B), prevalence for female (C), incidence for both gender (D), incidence for male (E), incidence for female (F).



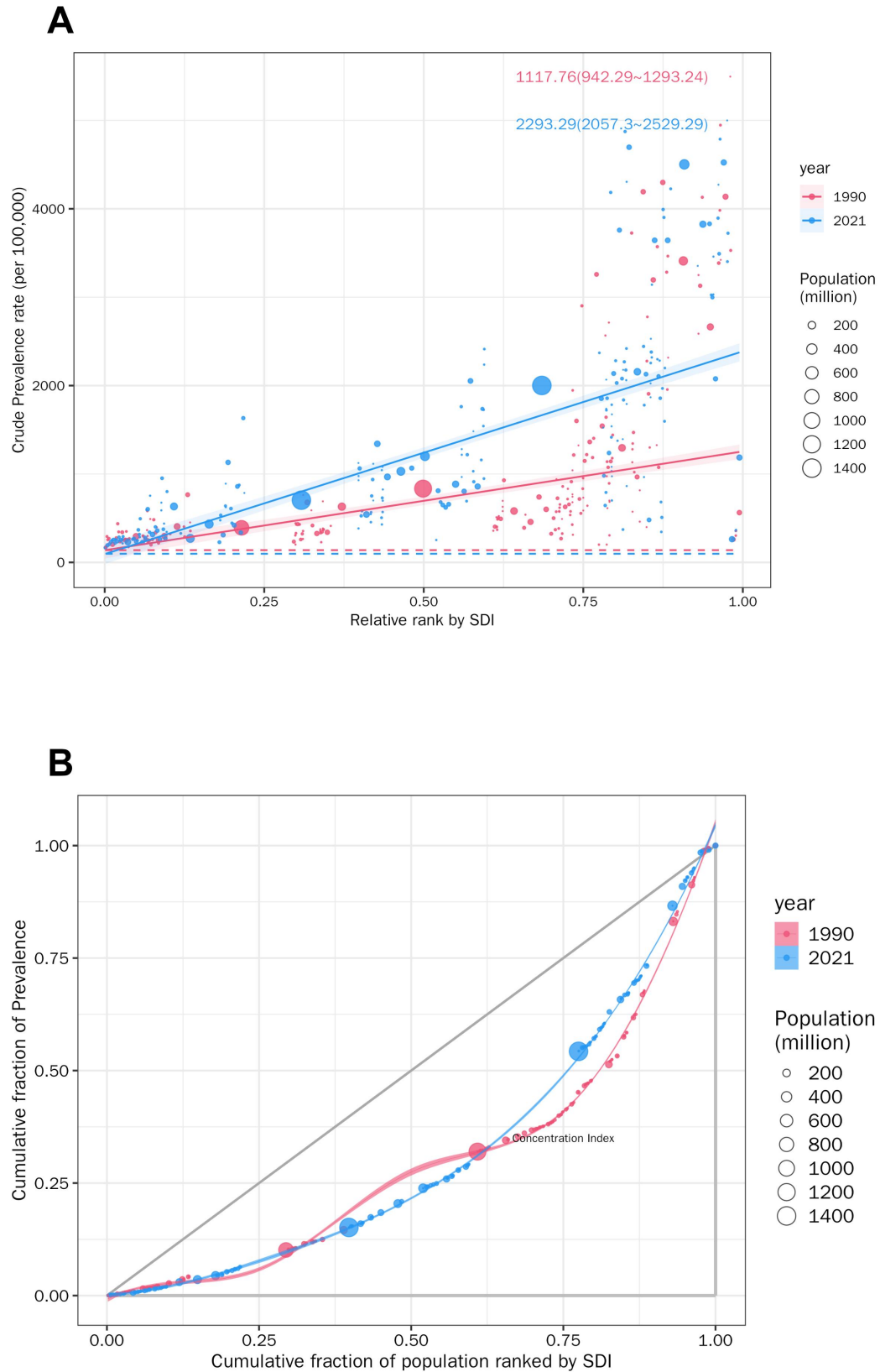
Supplementary materials Figure 36 The joinpoint analysis of ASR in deaths for both gender (A), deaths for male (B), deaths for female (C), DALYs for both gender (D), DALYs for male (E), and DALYs for female (F) for LE-PAD.



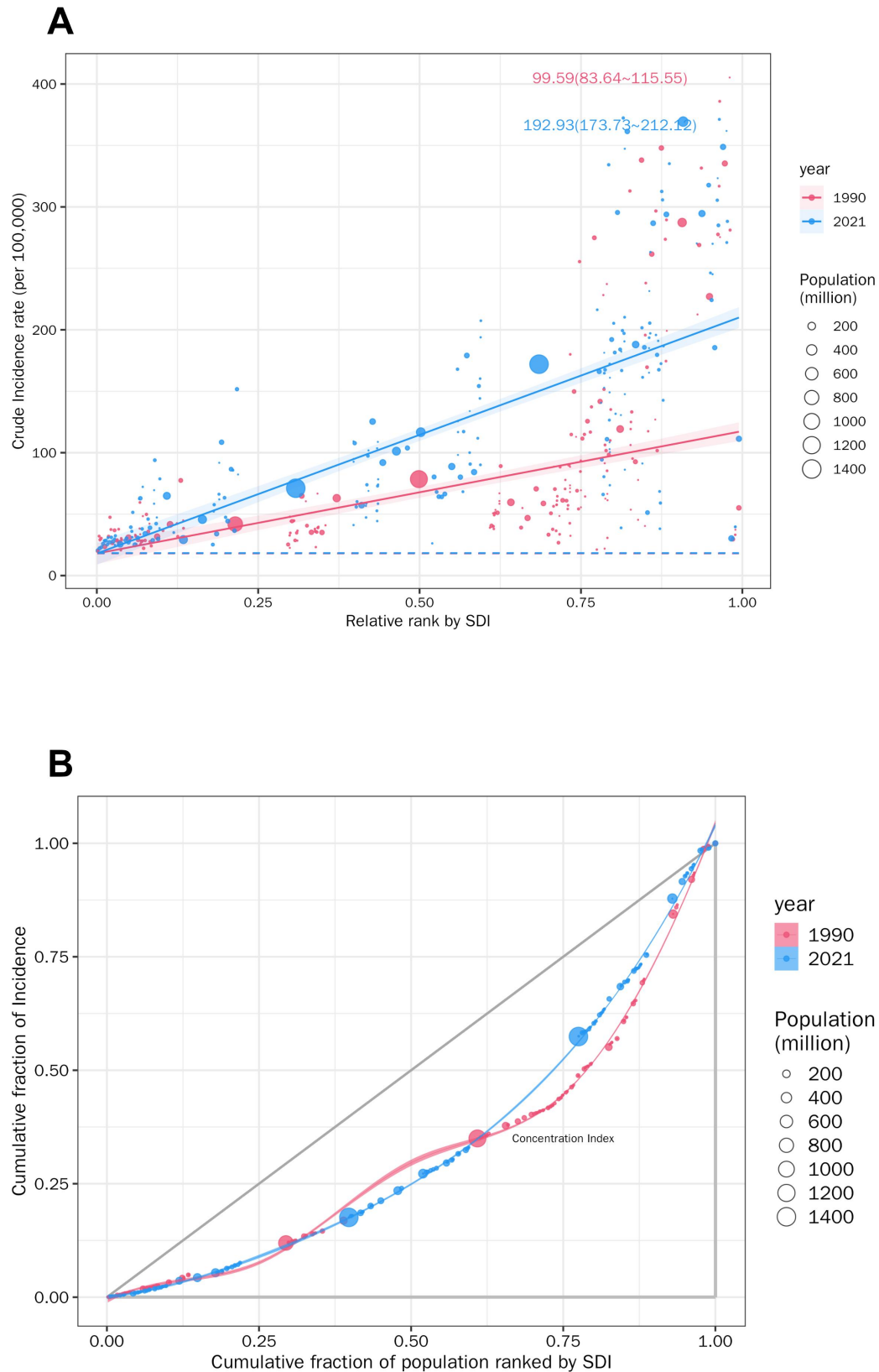
Supplementary materials Figure 37 SDI analysis results of prevalence (A), incidence (B), deaths (C), and DALYs (D) across 21 regions.



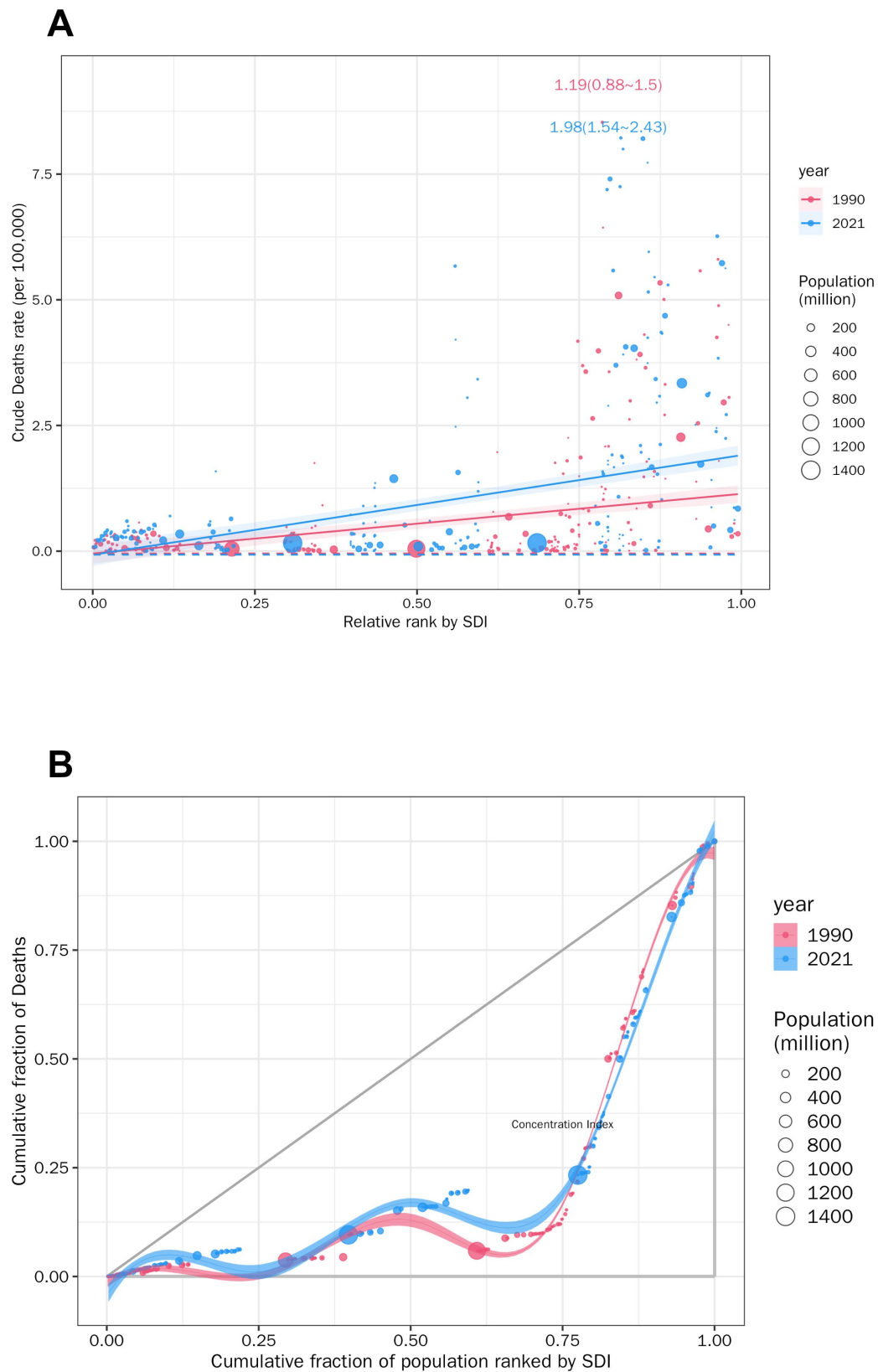
Supplementary materials Figure 38 SDI analysis results of prevalence (A), incidence (B), deaths (C), and DALYs (D) across 204 countries and territories.



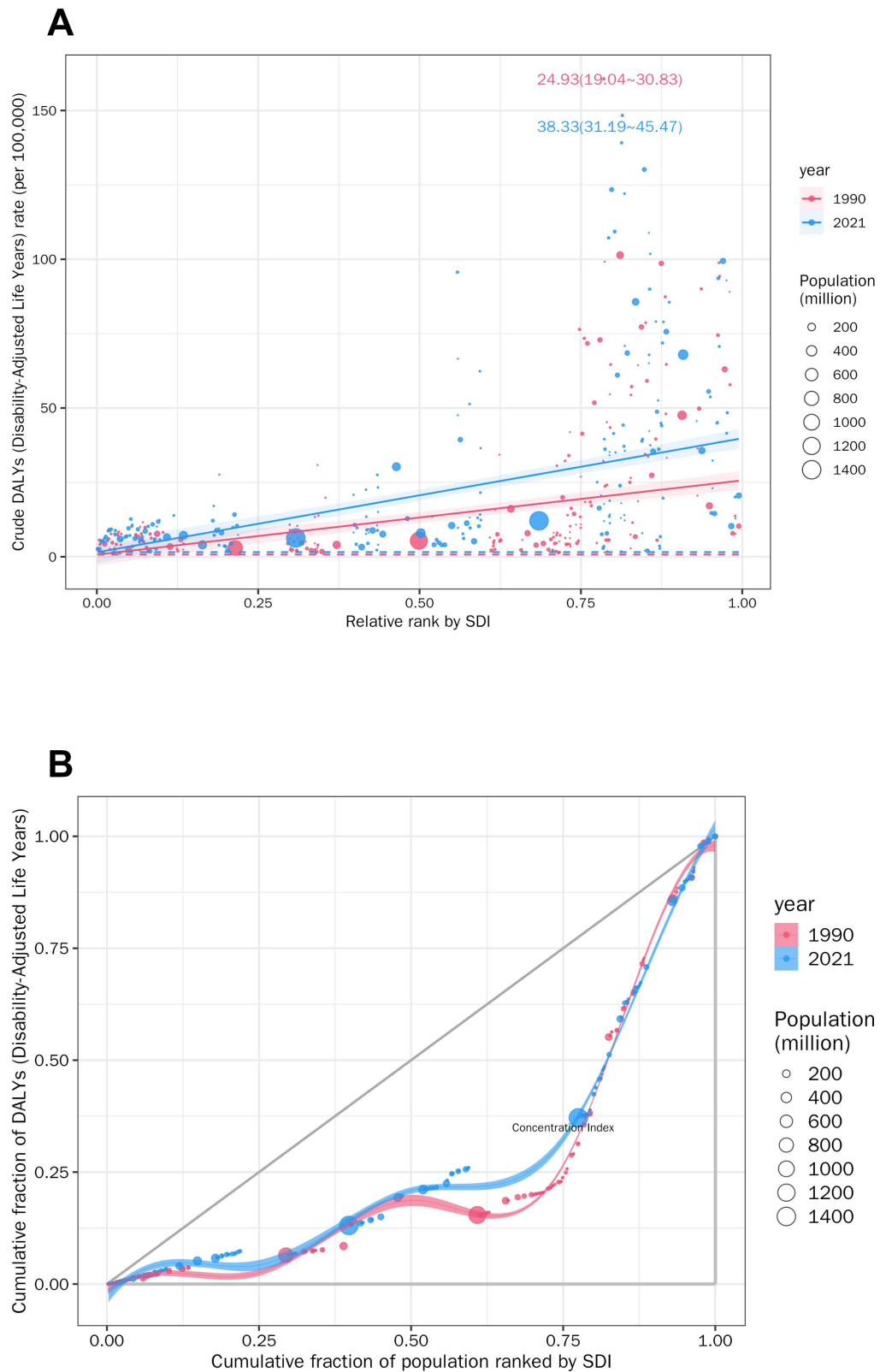
Supplementary materials Figure 39 Health inequality regression curves (A) and concentration curves (B) for the prevalence of LE-PAD from 1990 to 2021 across the world.



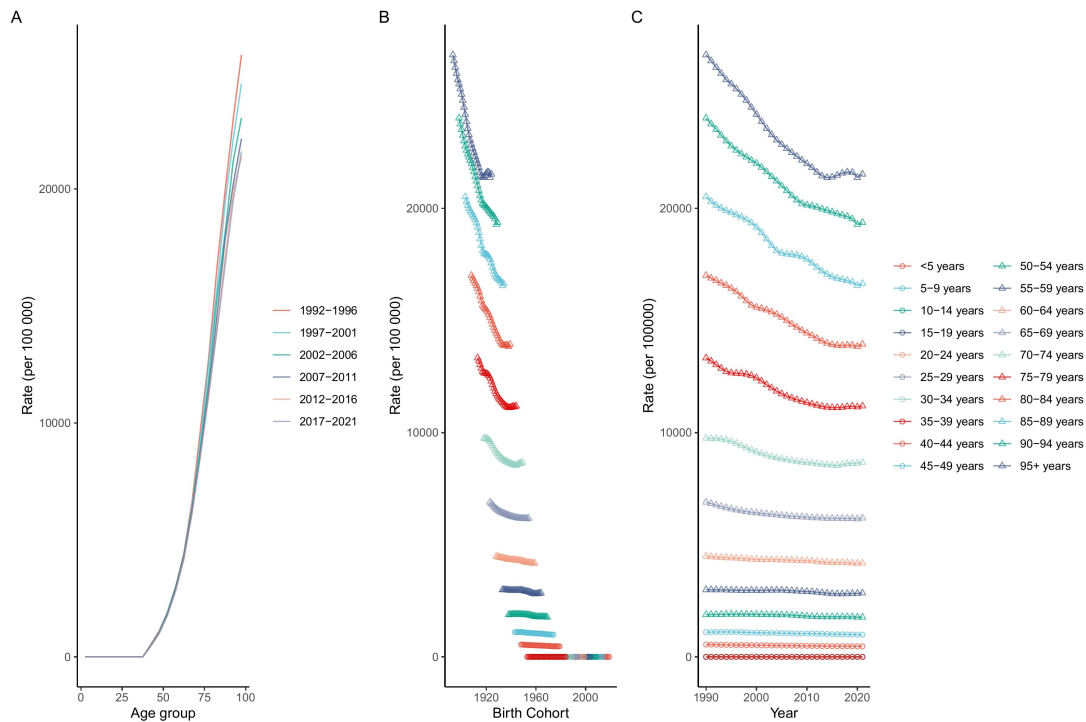
Supplementary materials Figure 40 Health inequality regression curves (A) and concentration curves (B) for the incidence of LE-PAD from 1990 to 2021 across the world.



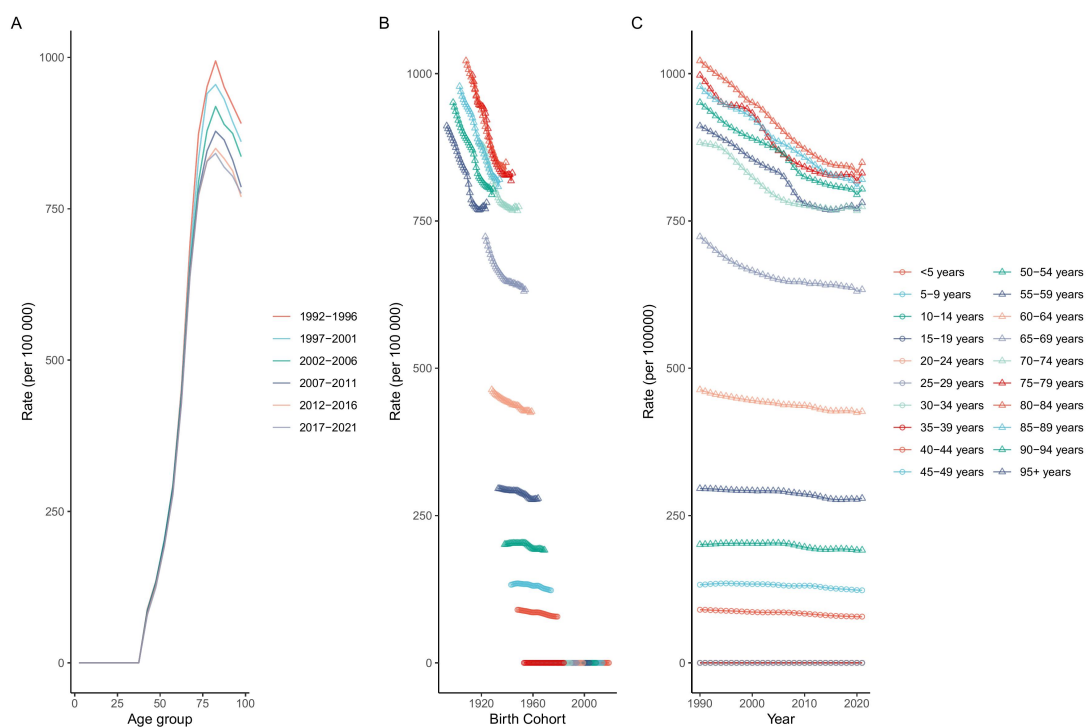
Supplementary materials Figure 41 Health inequality regression curves (A) and concentration curves (B) for the deaths of LE-PAD from 1990 to 2021 across the world.



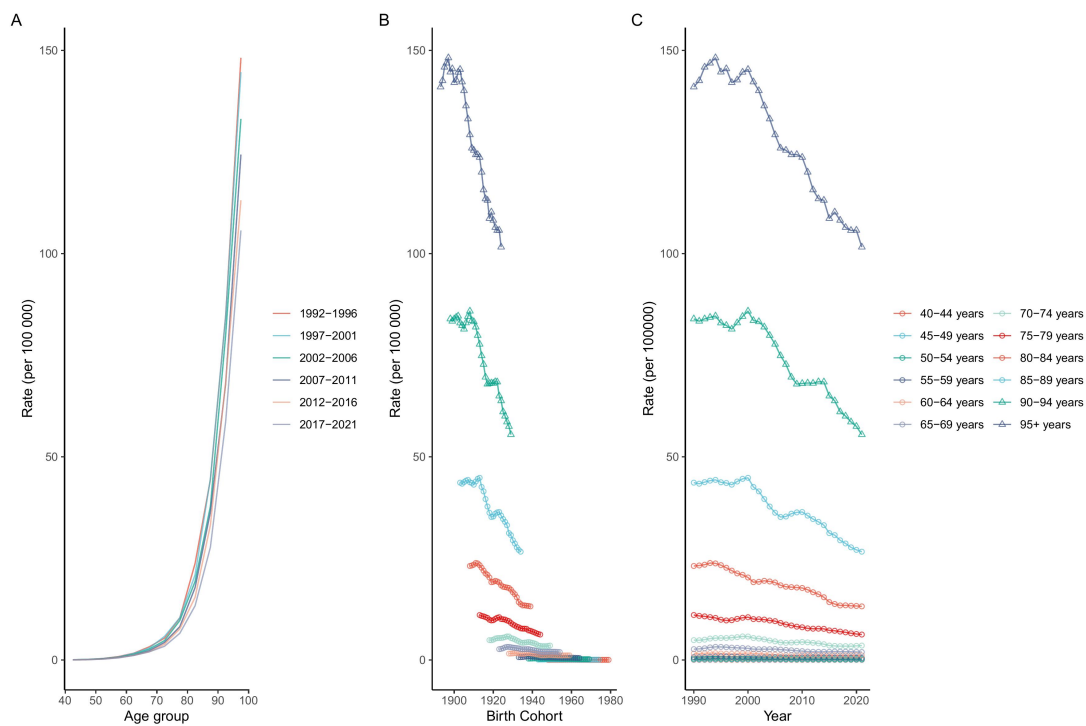
Supplementary materials Figure 42 Health inequality regression curves (A) and concentration curves (B) for the DALYs of LE-PAD from 1990 to 2021 across the world.



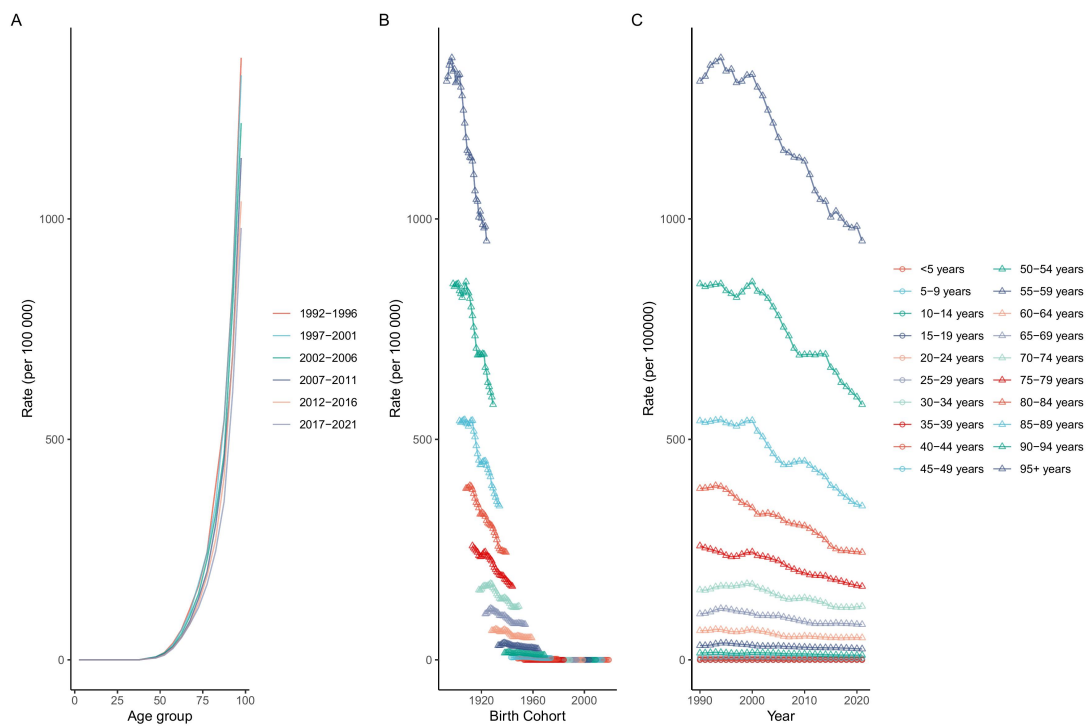
Supplementary materials Figure 43 Age-period-cohort analysis results for prevalence.



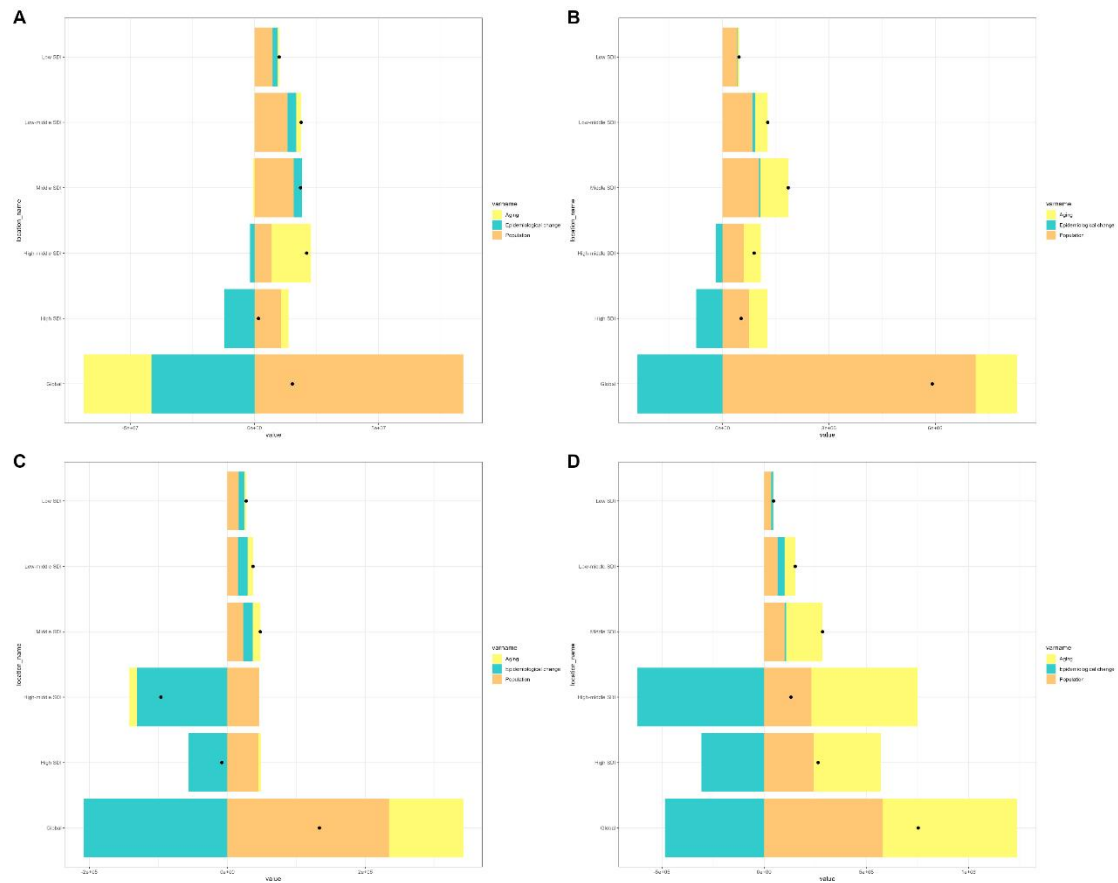
Supplementary materials Figure 44 Age-period-cohort analysis results for incidence.



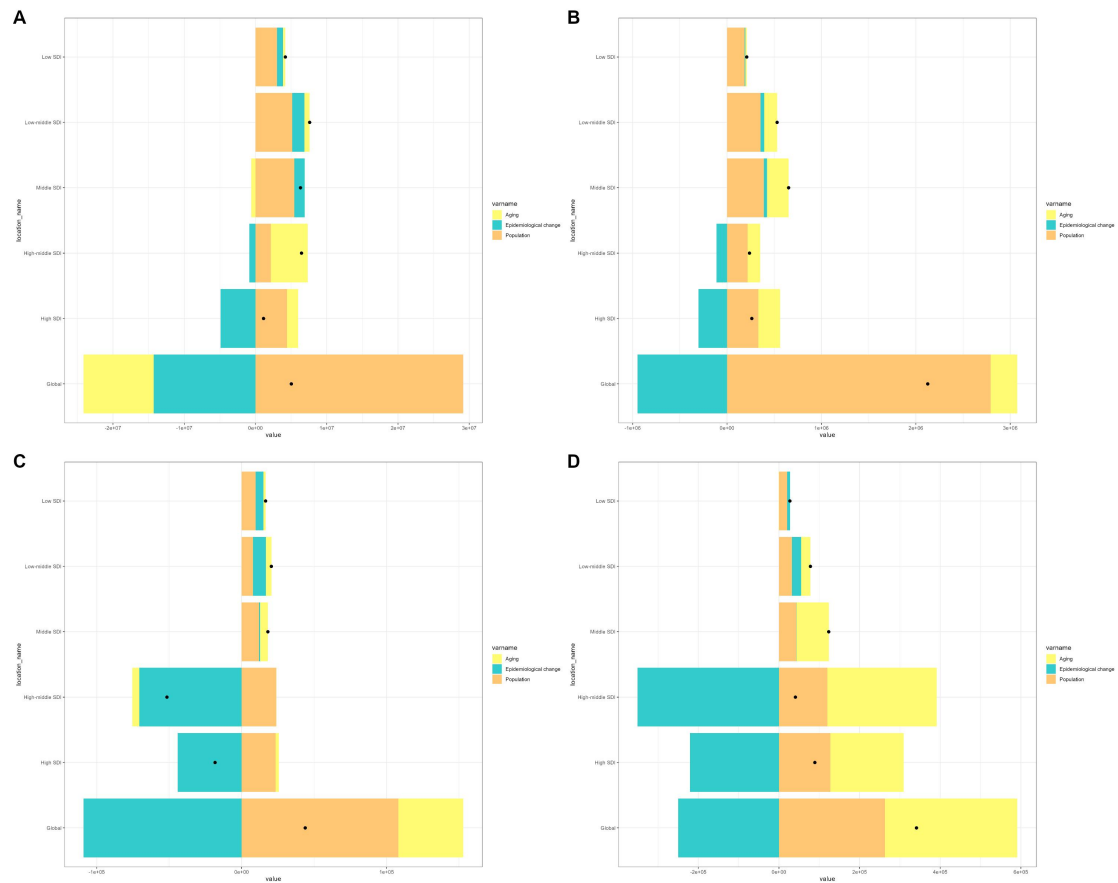
Supplementary materials Figure 45 Age-period-cohort analysis results for deaths.



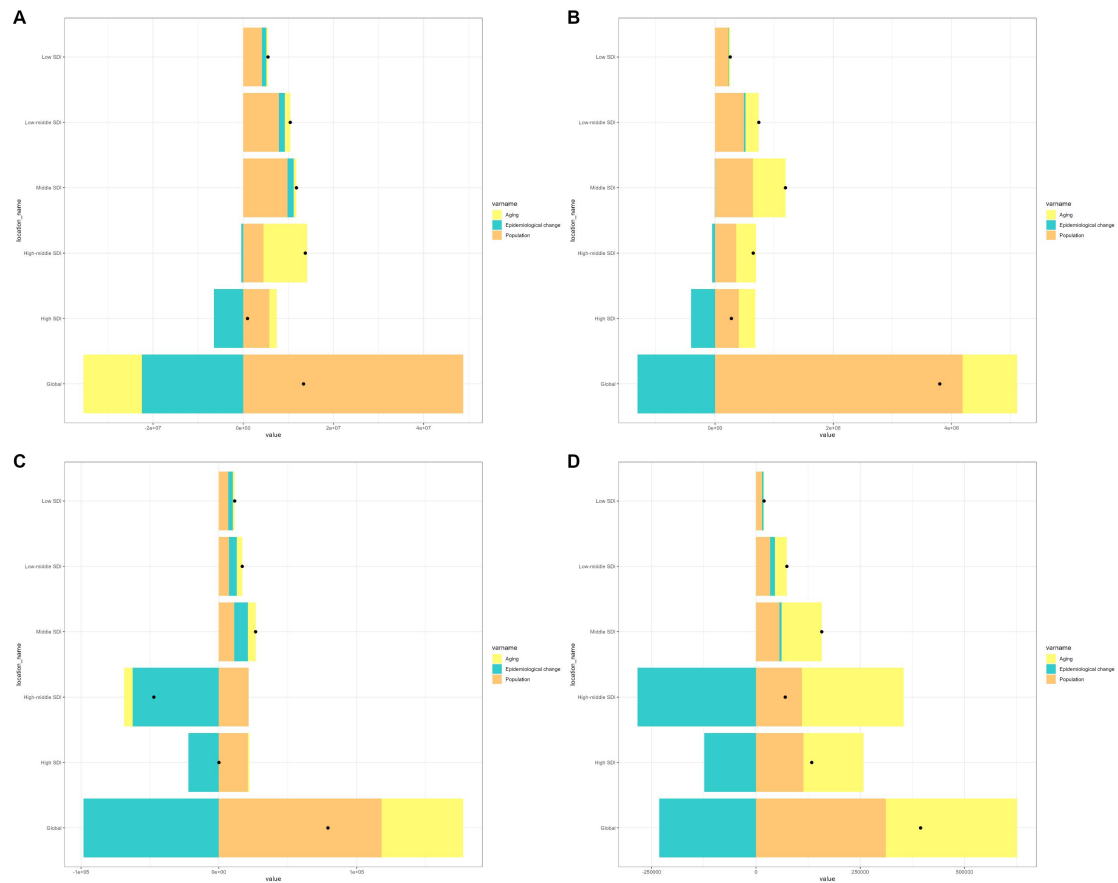
Supplementary materials Figure 46 Age-period-cohort analysis results for DALYs.



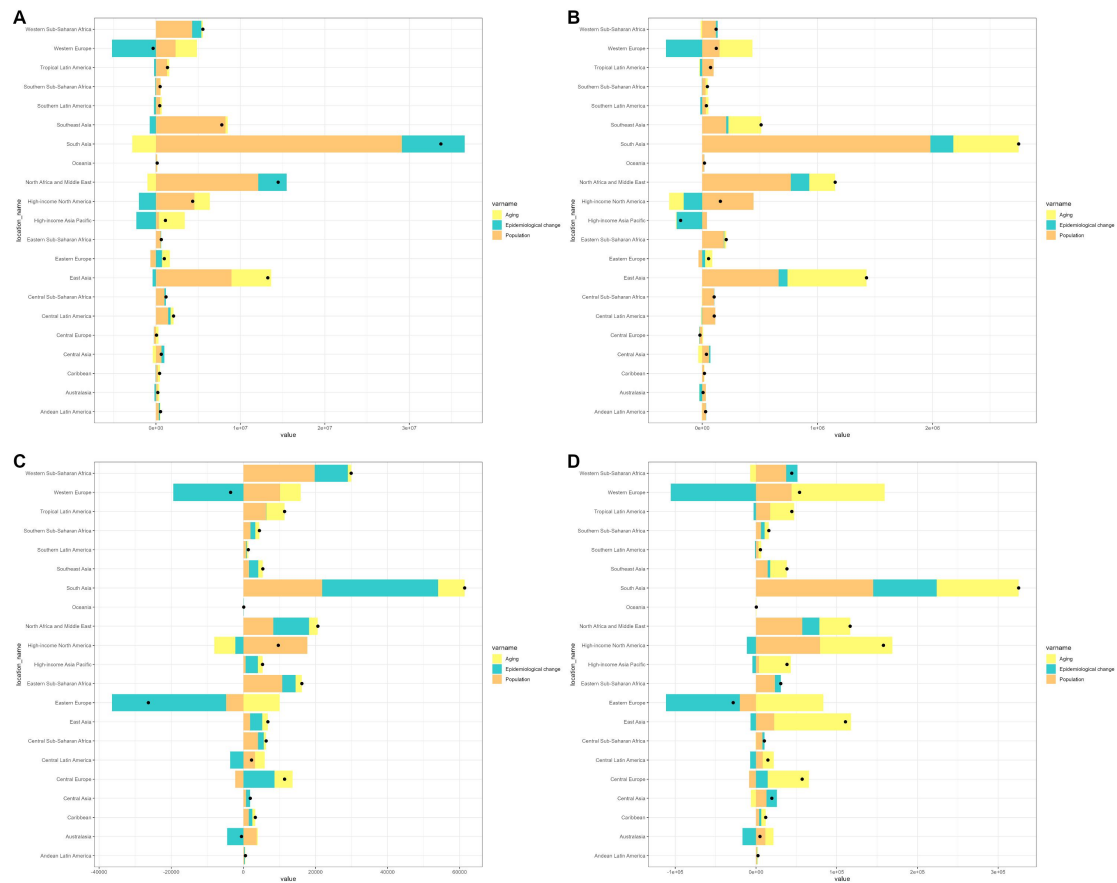
Supplementary materials Figure 47 Decomposition analysis results for the global population and five SDI regions for both gender (A. prevalence; B. incidence; C. deaths; D. DALYs). The black dot represents the overall value of change contributed by all 3 components. For each component, the magnitude of a positive value indicates a corresponding increase in disease burden attributed to the component; the magnitude of a negative value indicates a corresponding decrease in disease burden attributed to the related component.



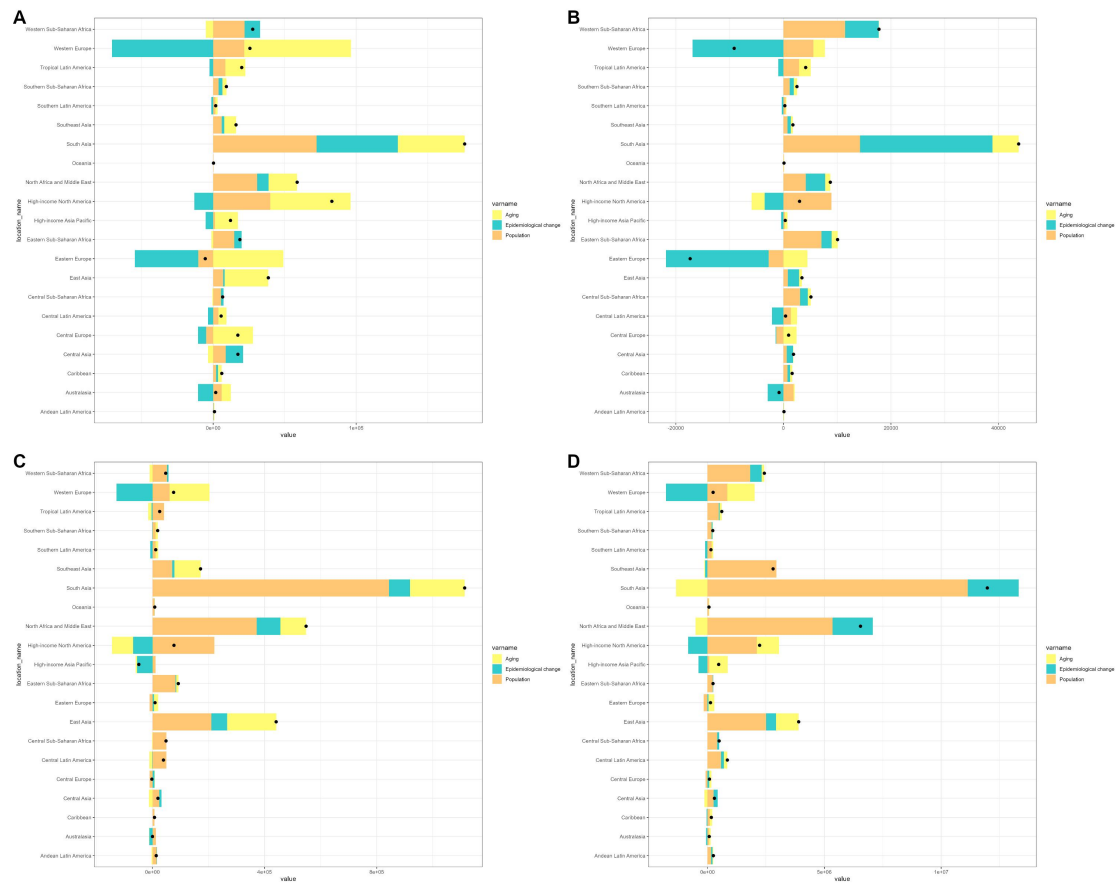
Supplementary materials Figure 48 Decomposition analysis results for the global population and five SDI regions for male (A. prevalence; B. incidence; C. deaths; D. DALYs). The black dot represents the overall value of change contributed by all 3 components. For each component, the magnitude of a positive value indicates a corresponding increase in disease burden attributed to the component; the magnitude of a negative value indicates a corresponding decrease in disease burden attributed to the related component.



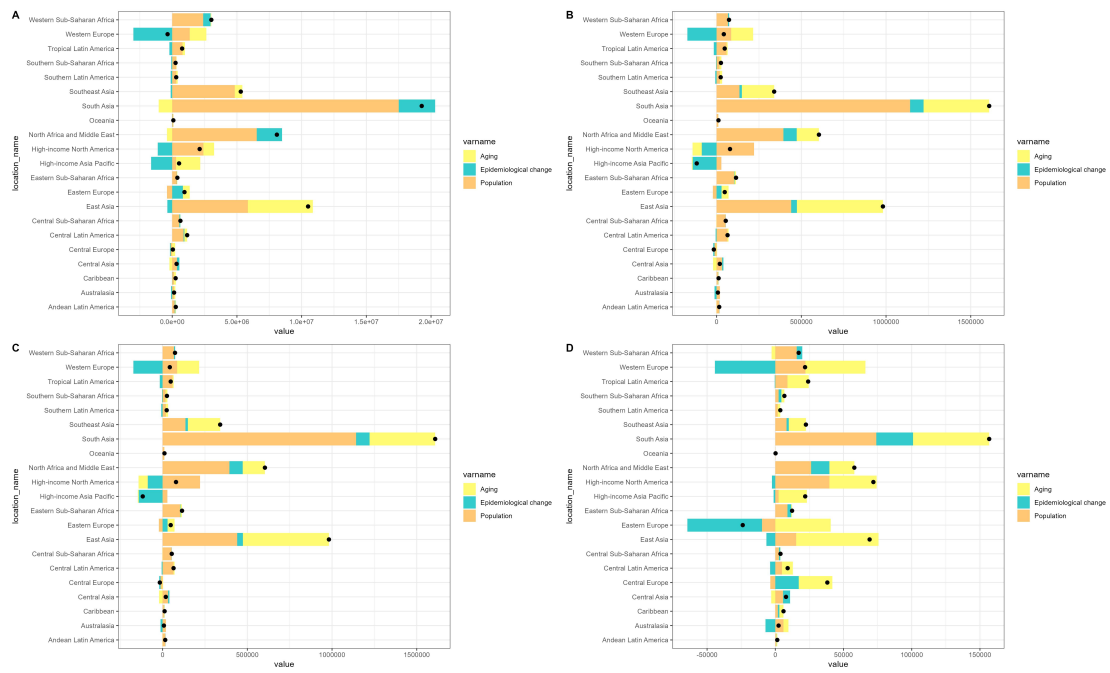
Supplementary materials Figure 49 Decomposition analysis results for the global population and five SDI regions for female (A. prevalence; B. incidence; C. deaths; D. DALYs). The black dot represents the overall value of change contributed by all 3 components. For each component, the magnitude of a positive value indicates a corresponding increase in disease burden attributed to the component; the magnitude of a negative value indicates a corresponding decrease in disease burden attributed to the related component.



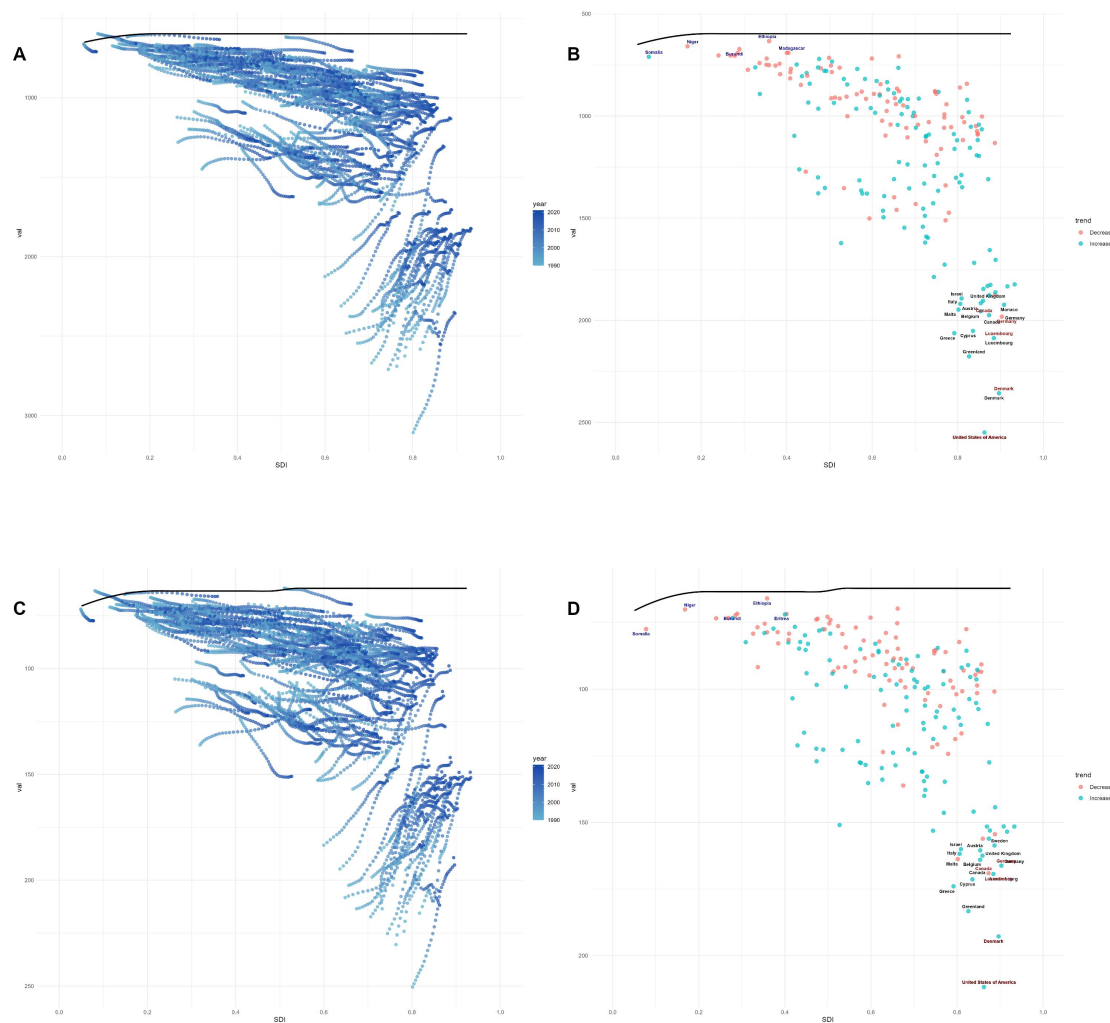
Supplementary materials Figure 50 Decomposition analysis results for 21 regions for both gender (A. prevalence; B. incidence; C. deaths; D. DALYs). The black dot represents the overall value of change contributed by all 3 components. For each component, the magnitude of a positive value indicates a corresponding increase in disease burden attributed to the component; the magnitude of a negative value indicates a corresponding decrease in disease burden attributed to the related component.



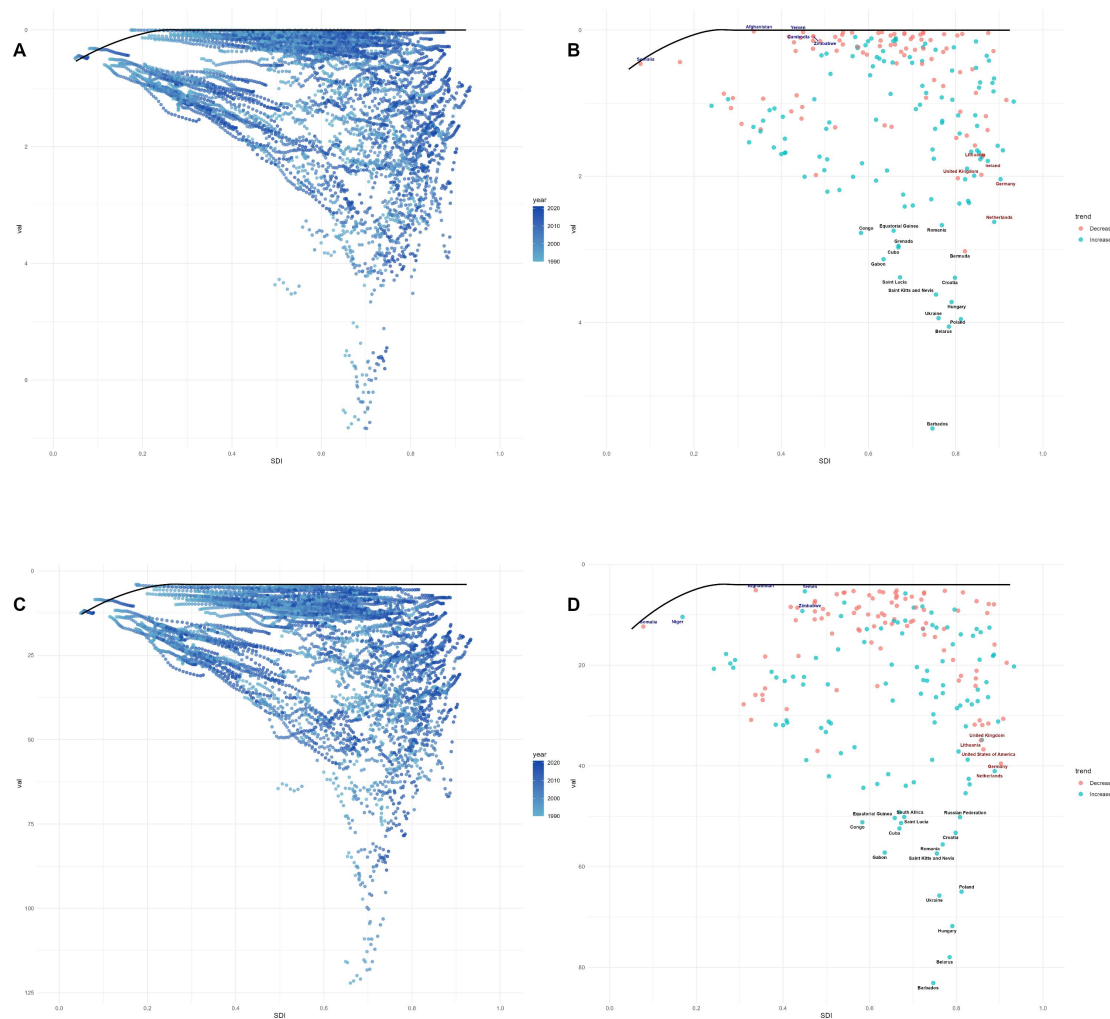
Supplementary materials Figure 51 Decomposition analysis results for 21 regions for male (A. prevalence; B. incidence; C. deaths; D. DALYs). The black dot represents the overall value of change contributed by all 3 components. For each component, the magnitude of a positive value indicates a corresponding increase in disease burden attributed to the component; the magnitude of a negative value indicates a corresponding decrease in disease burden attributed to the related component.



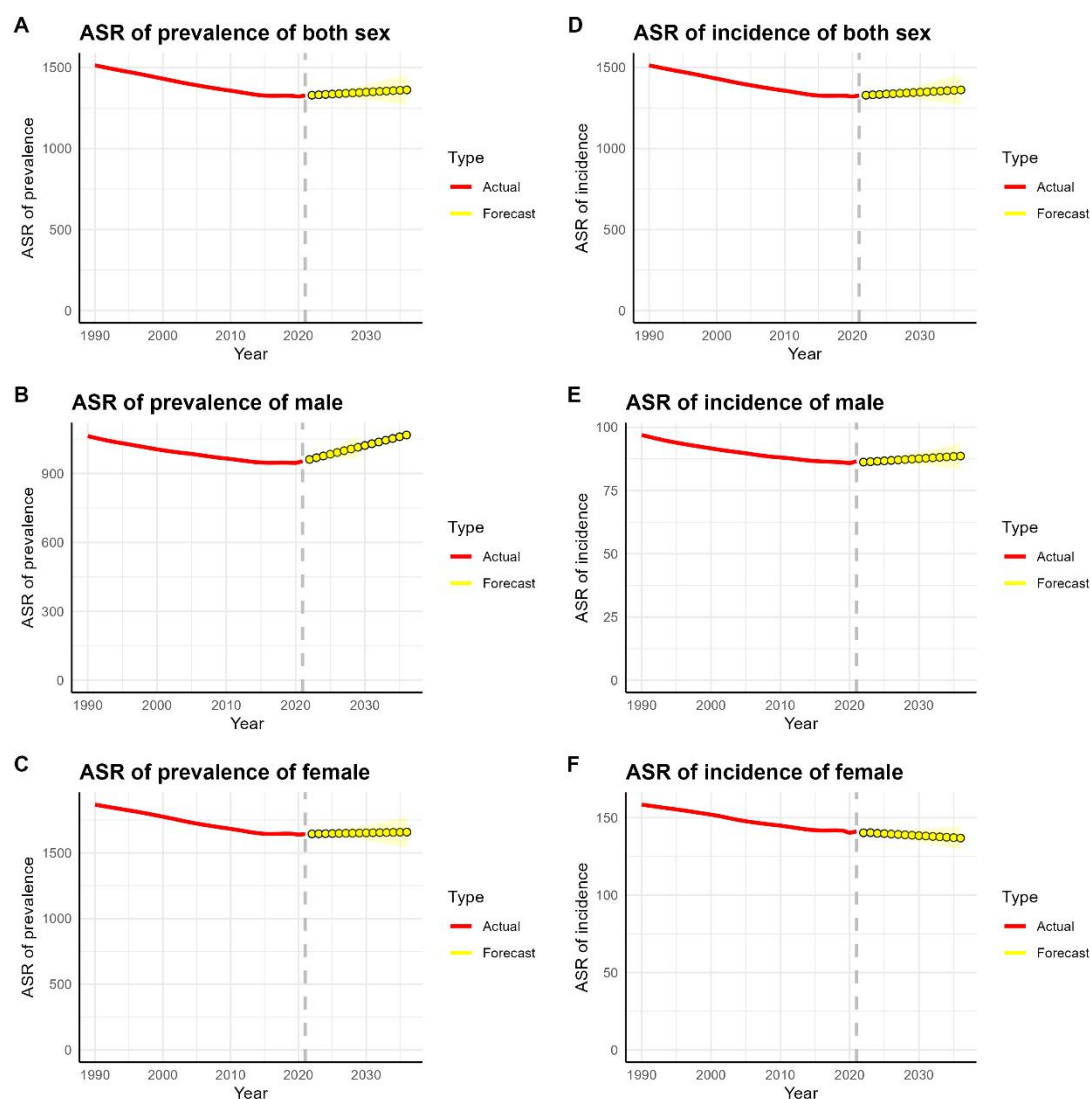
Supplementary materials Figure 52 Decomposition analysis results for 21 regions for female (A. prevalence; B. incidence; C. deaths; D. DALYs). The black dot represents the overall value of change contributed by all 3 components. For each component, the magnitude of a positive value indicates a corresponding increase in disease burden attributed to the component; the magnitude of a negative value indicates a corresponding decrease in disease burden attributed to the related component.



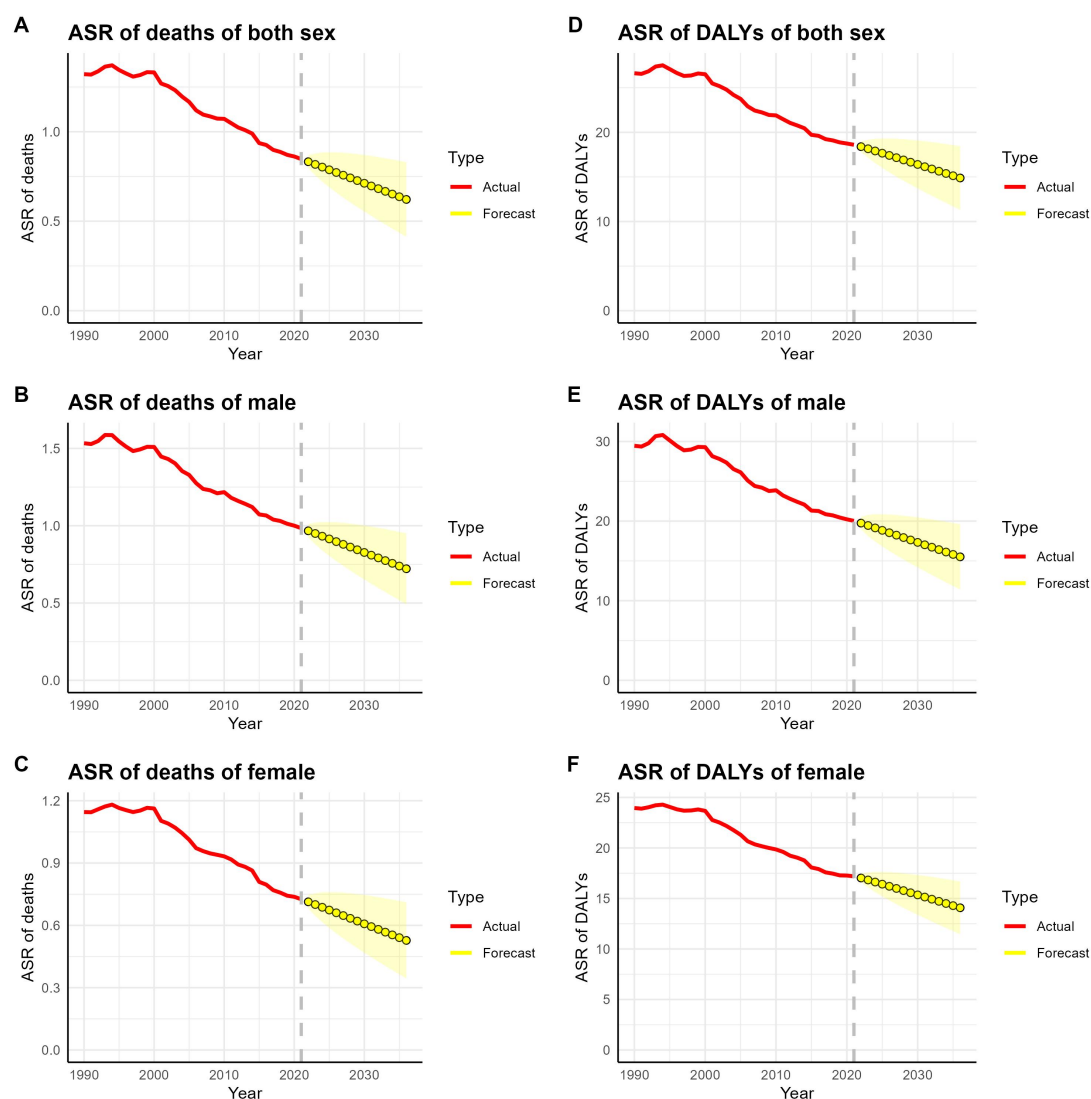
Supplementary materials Figure 53 Frontier analysis, represented by the solid black lines, explores the relationship between Socio-Demographic Index (SDI) and Age-Standardized Rate (ASR) for prevalence (A, B), and incidence (C, D) in the context of LE-PAD. The color gradient in graphs A, and C illustrates the progression of years, ranging from light shades representing 1990 to the darkest shades denoting 2021. In graphs B, and D, each dot signifies a specific country or territory for the year 2021, with the top 15 countries displaying the most significant deviation from the frontier labeled in black. Countries with low SDI (> 0.455) and minimal deviation from the frontier are highlighted in blue, while those with high SDI (> 0.805) and notable deviation for their developmental level are emphasized in red. The direction of change from 1990 to 2021 in ASR is indicated by the color of the dots: decrease dots represents a decrease, while increase dots signifies an increase.



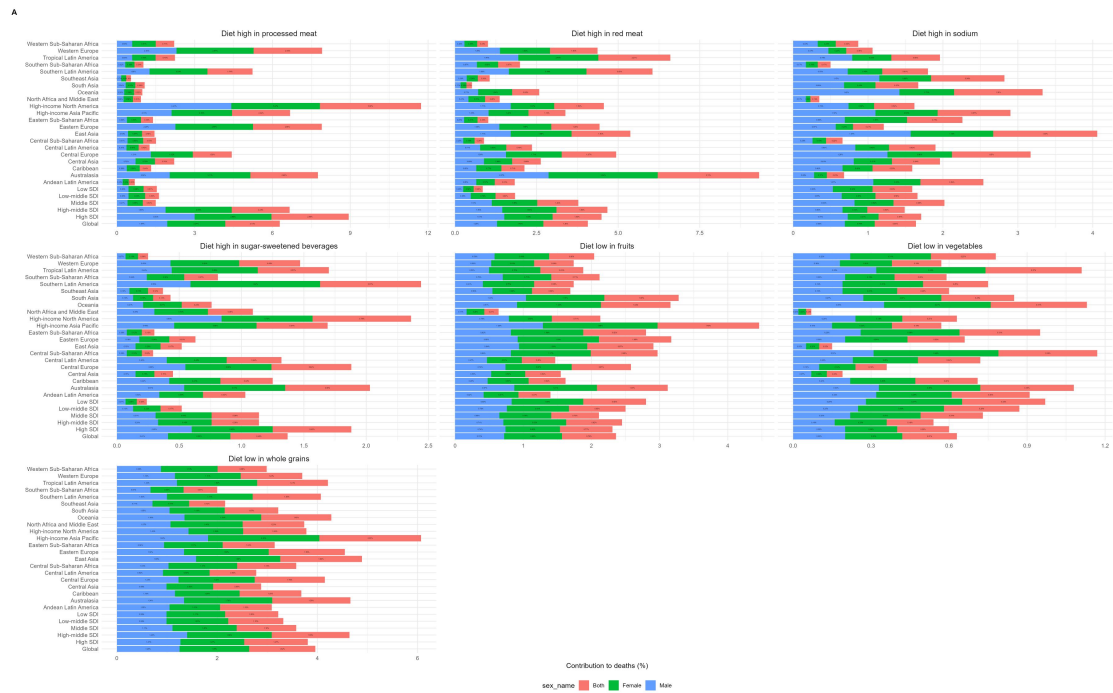
Supplementary materials Figure 54 Frontier analysis, represented by the solid black lines, explores the relationship between Socio-Demographic Index (SDI) and Age-Standardized Rate (ASR) for deaths (A, B), and DALYs (C, D) in the context of LE-PAD. The color gradient in graphs A, and C illustrates the progression of years, ranging from light shades representing 1990 to the darkest shades denoting 2021. In graphs B, and D, each dot signifies a specific country or territory for the year 2021, with the top 15 countries displaying the most significant deviation from the frontier labeled in black. Countries with low SDI (> 0.455) and minimal deviation from the frontier are highlighted in blue, while those with high SDI (> 0.805) and notable deviation for their developmental level are emphasized in red. The direction of change from 1990 to 2021 in ASR is indicated by the color of the dots: decrease dots represents a decrease, while increase dots signifies an increase.



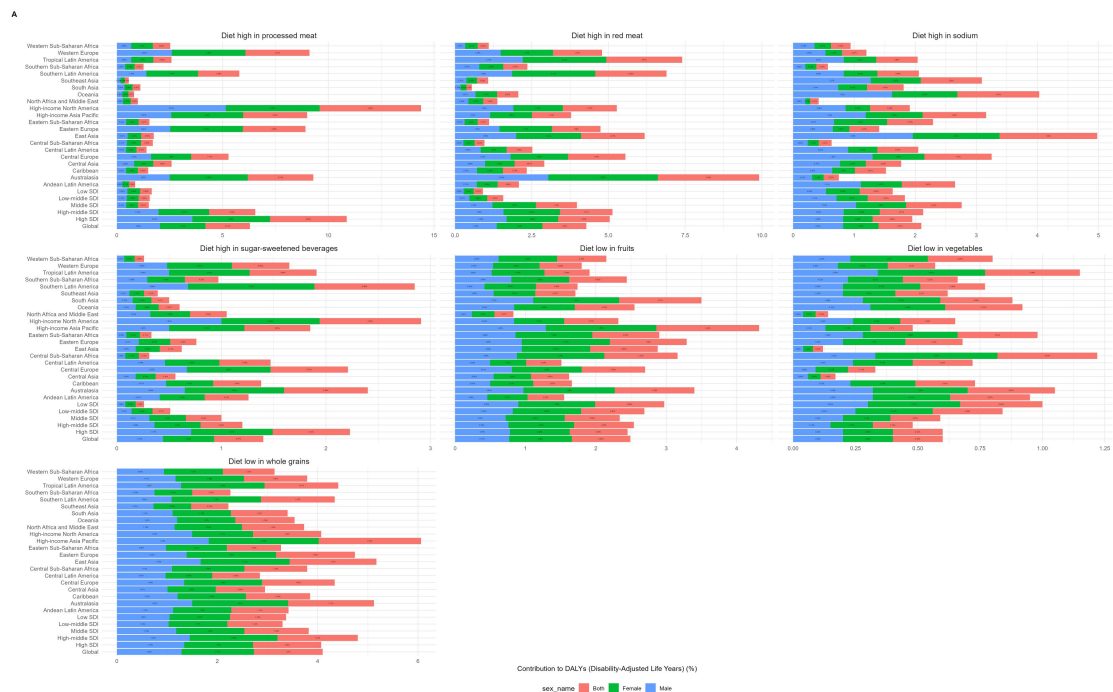
Supplementary materials Figure 55 Predicted trends of LE-PAD over the next 15 years (2022-2036) (A. ASR of prevalence of male; B. ASR of prevalence of female; C. ASR of incidence of male; D. ASR of incidence of female). Red lines represent the true trend of ASR of colon and rectum cancer during 1990-2021; yellow dot lines and shaded regions represent the predicted trend and its 95% CI.



Supplementary materials Figure 56 Predicted trends of LE-PAD over the next 15 years (2022-2036) (A. ASR of deaths of male; B. ASR of deaths of female; C. ASR of DALYs of male; D. ASR of DALYs of female). Red lines represent the true trend of ASR of LE-PAD during 1990-2021; yellow dot lines and shaded regions represent the predicted trend and its 95% CI.



Supplementary materials Figure 57 Percentage of age-standardized deaths due to LE-PAD attributable to dietary risk factors for global, 5SDI regions, and 21 GBD regions, by sex, 2021.



Supplementary materials Figure 58 Percentage of age-standardized DALYs due to LE-PAD attributable to dietary risk factors for global, 5SDI regions, and 21 GBD regions, by sex, 2021.