

Supplementary Table 1 Comparison of subarachnoid hemorrhage, ischemic stroke and hemorrhagic stroke in five Asian regions in 2021

	East Asia			Central Asia			South Asia			High-income Asia Pacific			Southeast Asia		
	Absolute number (1000s)	Age stan-dardised rate (per 100000)	1990-2021 EAPC(95%UI)	Absolute number (1000s)	Age stan-dardised rate (per 100000)	1990-2021 EAPC(95%UI)	Absolute number (1000s)	Age stan-dardised rate (per 100000)	1990-2021 EAPC (95%UI)	Absolute number (1000s)	Age stan-dardised rate (per 100000)	1990-2021 EAPC(95%UI)	Absolute number (1000s)	Age stan-dardised rate (per 100000)	1990-2021 EAPC(95%UI)
Ischemic stroke															
DALYs	24021.16 (20420.32,27562.23)	1165.93 (998.23, 1336.56)	2.19 (2.08 to 2.31)	985.31 (892.23,1076.48)	1356.09 (1234.19, 1474.78)	-0.5 (-0.75 to -0.26)	9193.3 (8004.94,11543.77)	690.13 (604.04, 851.21)	0.86 (0.75 to 0.98)	1862.34 (1582.66,2083.58)	335.36 (287.81, 378.86)	-0.7 (-0.83 to -0.57)	7318.33 (6238.95,8317.3)	1266.45 (1088.13, 1430.09)	1.6 (1.54 to 1.65)
Deaths	1202.22 (1010.92,1397.92)	63.18 (52.91, 73.15)	2.69 (2.54 to 2.85)	44.87 (40.63,48.97)	70.96 (64.29, 77.28)	-0.44 (-0.66 to -0.21)	441.3 (383,539.47)	37.98 (33.12, 45.77)	1.24 (1.12 to 1.36)	112.78 (87.15,127.26)	15.77 (12.54, 17.52)	-0.37 (-0.51 to -0.24)	341.54 (293.26,391.95)	68.09 (58.72, 77.47)	1.84 (1.74 to 1.94)
Prevalence	21503.82 (19292.84,23714.7)	1017.96 (919.97, 1120.07)	3.17 (3.07 to 3.27)	866.71 (829.52,902.76)	1014.86 (969.9, 1063.57)	0.4 (0.36 to 0.45)	7828.4 (6997.06,8621.27)	497.74 (445.71, 549.03)	0.95 (0.86 to 1.03)	3295.96 (3048.49,3555.09)	775.63 (722.99, 832.15)	1.18 (1.13 to 1.23)	6104.97 (5651.32,6562.86)	919.03 (851.92, 986.33)	1.48 (1.42 to 1.53)
Incidence	2850.09 (2363.16,3405.88)	134.77 (112.62, 158.4)	3.52 (3.43 to 3.61)	102.57 (91.02,114.46)	132.92 (118.17, 148.1)	0.4 (0.33 to 0.47)	853.37 (727.64,990.21)	61.16 (52.33, 70.75)	0.65 (0.53 to 0.77)	284.44 (249.28,322.68)	64.59 (56.36, 73.72)	-0.16 (-0.36 to 0.04)	667.26 (582.28,763.03)	107.31 (93.68, 122.69)	1.64 (1.6 to 1.68)
YLDs	4111.02 (2915.55,5333.56)	195.65 (139.12, 252.52)	3.17 (3.07 to 3.27)	157.14 (113.2,199.68)	186.32 (134.4, 236.49)	0.39 (0.34 to 0.44)	1099.88 (811.16,1404.19)	71.22 (52.33, 90.5)	1.02 (0.93 to 1.1)	563.94 (405.78,723.4)	126.88 (90.87, 163.73)	1.35 (1.3 to 1.39)	1147.52 (830.59,1476.62)	174.67 (126.5, 223.95)	1.49 (1.43 to 1.54)
YLLs	19910.14 (16436.09,23416.86)	970.27 (809.2, 1137.12)	2.03 (1.89 to 2.17)	828.17 (745.25,912.68)	1169.77 (1055.74, 1281.55)	-0.64 (-0.93 to -0.35)	8093.41 (6927.36,10252.75)	618.91 (534.42, 769.17)	0.84 (0.72 to 0.97)	1298.4 (1038.25,1439.42)	208.49 (173.15, 228.13)	-1.33 (-1.48 to -1.18)	6170.81 (5134.2,7201)	1091.78 (927.22, 1261.62)	1.62 (1.54 to 1.69)
Intracerebral hemorrhage															
DALYs	28529.14 (23808.3,33766.18)	1353.14 (1138.34, 1594.03)	-0.03 (-0.28 to 0.21)	884.45 (792.89,985.11)	1066.6 (961.24, 1184.2)	-1.35 (-1.71 to -0.99)	15045.58 (12776.92,17158.1)	972.36 (816.1, 1110.66)	-0.12 (-0.23 to 0)	1038.27 (916.66,1124.03)	253 (232.83, 271.5)	-1.61 (-1.75 to -1.46)	13616.7 (12011.14,15407.48)	1976.78 (1744.29, 2238.73)	0.45 (0.4 to 0.51)
Deaths	1366.57 (1147.25,1610.95)	68.3 (57.41, 80.2)	0.51 (0.25 to 0.76)	34.96 (31.6,38.84)	47.9 (43.29, 52.87)	-1.21 (-1.59 to -0.83)	558.35 (456.82,640.42)	39.4 (31.96, 45.3)	0.23 (0.12 to 0.34)	54.9 (45.36,60.78)	10.18 (8.81, 11.05)	-0.61 (-0.78 to -0.44)	500.81 (439,571.7)	80.68 (70.59, 92.42)	0.66 (0.59 to 0.73)
Prevalence	4554.93 (4050.94,5081.76)	223.09 (201.48, 246.88)	0.36 (0.25 to 0.47)	180.25 (168.87,191.99)	191.3 (179.54, 204.11)	-0.34 (-0.47 to -0.22)	3473.33 (3115.62,3881.65)	210.57 (188.96, 234.42)	0.47 (0.41 to 0.53)	813.44 (735.55,887.6)	232.2 (213.72, 251.87)	-0.22 (-0.37 to -0.07)	2017.27 (1834.7,2208.65)	271.58 (247.7, 297.21)	0.41 (0.36 to 0.45)
Incidence	1218.01 (1046.03,1377.28)	61.13 (53.13, 68.77)	0.38 (0.17 to 0.59)	55.55 (51.31,59.65)	74.7 (69.34, 79.87)	-0.04 (-0.26 to 0.19)	703.2 (607.01,804.76)	47.58 (40.96, 54.05)	0.03 (-0.09 to 0.16)	77.25 (67.78,85.47)	20.03 (17.67, 22.51)	-1.22 (-1.51 to -0.92)	450.58 (400.98,497.07)	69.78 (62.45, 76.22)	0.53 (0.44 to 0.63)
YLDs	894.37 (620.36,1158.37)	43.85 (30.47, 57.1)	0.43 (0.32 to 0.54)	32.2 (23.09,41.48)	34.67 (24.81, 44.58)	-0.36 (-0.48 to -0.24)	488.14 (347.48,632.47)	30.02 (21.27, 38.74)	0.51 (0.45 to 0.57)	137.02 (97.2,174.52)	37.76 (27.27, 48.27)	-0.08 (-0.24 to 0.08)	377.04 (267.3,488.7)	51.39 (36.33, 66.59)	0.41 (0.37 to 0.46)
YLLs	27634.77 (23010.51,32912.19)	1309.28 (1095.49, 1552.99)	-0.05 (-0.29 to 0.2)	852.25 (761.1,949.95)	1031.94 (929.22, 1150.61)	-1.38 (-1.75 to -1.01)	14557.45 (12281.63,16701.28)	942.34 (784.85, 1081.91)	-0.14 (-0.25 to -0.02)	901.25 (789.35,972.41)	215.24 (196.63, 227.61)	-1.78 (-1.92 to -1.64)	13239.66 (11715.5,15075.71)	1925.39 (1701.36, 2196.35)	0.45 (0.4 to 0.51)
Subarachnoid hemorrhage															
DALYs	2396.95 (1840.65,2934.11)	116.37 (89.68, 141.75)	-4.08 (-4.67 to -3.48)	125.92 (112.9,139.77)	143.22 (129.04, 158.53)	0.65 (0.5 to 0.81)	2362.78 (1772.14,3126.99)	142.6 (106.78, 189.6)	-0.51 (-0.58 to -0.45)	485.22 (434.13,531.78)	135.7 (124.59, 146.65)	-0.96 (-1.03 to -0.89)	1279.43 (1094.27,1636.99)	182.03 (155.77, 235.86)	-0.12 (-0.17 to -0.07)
Deaths	95.18 (70.28,119.16)	4.71 (3.49, 5.87)	-3.92 (-4.62 to -3.22)	4.01 (3.65,4.45)	5.2 (4.73, 5.76)	1.1 (0.92 to 1.29)	67.62 (48.48,93.44)	4.47 (3.14, 6.23)	-0.19 (-0.27 to -0.11)	17.74 (14.89,19.54)	3.9 (3.48, 4.2)	-0.48 (-0.58 to -0.38)	37.58 (31.54,51.34)	6.02 (5.02, 8.42)	0.14 (0.08 to 0.19)
Prevalence	1392.55 (1241.28,1558.66)	70.06 (62.78, 77.98)	-0.14 (-0.23 to -0.06)	78.14 (73.01,83.49)	82.54 (77.09, 88.06)	0.55 (0.52 to 0.58)	1355.7 (1203.9,1513)	79.17 (70.58, 88.77)	0.47 (0.4 to 0.54)	747.78 (674.05,832.44)	193.6 (175.43, 212.12)	1.97 (1.91 to 2.04)	804.23 (736.67,876.8)	110.62 (101.73, 120.43)	0.73 (0.7 to 0.77)
Incidence	151.82 (131.56,176.5)	7.89 (6.94, 9.03)	-1.58 (-1.94 to -1.22)	7.81 (6.96,8.73)	8.97 (8.1, 9.98)	0.55 (0.5 to 0.6)	140.53 (120.48,162.71)	8.44 (7.33, 9.75)	-0.13 (-0.25 to -0.01)	46.62 (41.13,53.65)	14.09 (12.3, 16.39)	0.63 (0.54 to 0.71)	74.81 (65.47,85.58)	10.89 (9.66, 12.36)	0.36 (0.3 to 0.42)
YLDs	269.58 (190.56,352.8)	13.61 (9.58, 17.69)	-0.15 (-0.23 to -0.06)	13.95 (9.98,18.06)	14.85 (10.61, 19.14)	0.52 (0.49 to 0.56)	188.79 (133.81,243.01)	11.09 (7.89, 14.24)	0.51 (0.44 to 0.58)	126.6 (91.89,162.5)	31.72 (22.9, 40.81)	2.08 (2.02 to 2.14)	151.2 (107.02,194.81)	20.97 (14.85, 26.9)	0.73 (0.7 to 0.77)
YLLs	2127.37 (1585.3,2676.41)	102.76 (76.22, 128.86)	-4.38 (-5.01 to -3.75)	111.96 (100.34,125.68)	128.37 (115.93, 143.1)	0.67 (0.5 to 0.84)	2173.99 (1591.72,2953.64)	131.51 (95.79, 179.69)	-0.59 (-0.65 to -0.52)	358.62 (324.2,384.24)	103.98 (96.8, 110.08)	-1.6 (-1.7 to -1.5)	1128.23 (947.24,1464.76)	161.06 (135.6, 211.82)	-0.21 (-0.27 to -0.16)