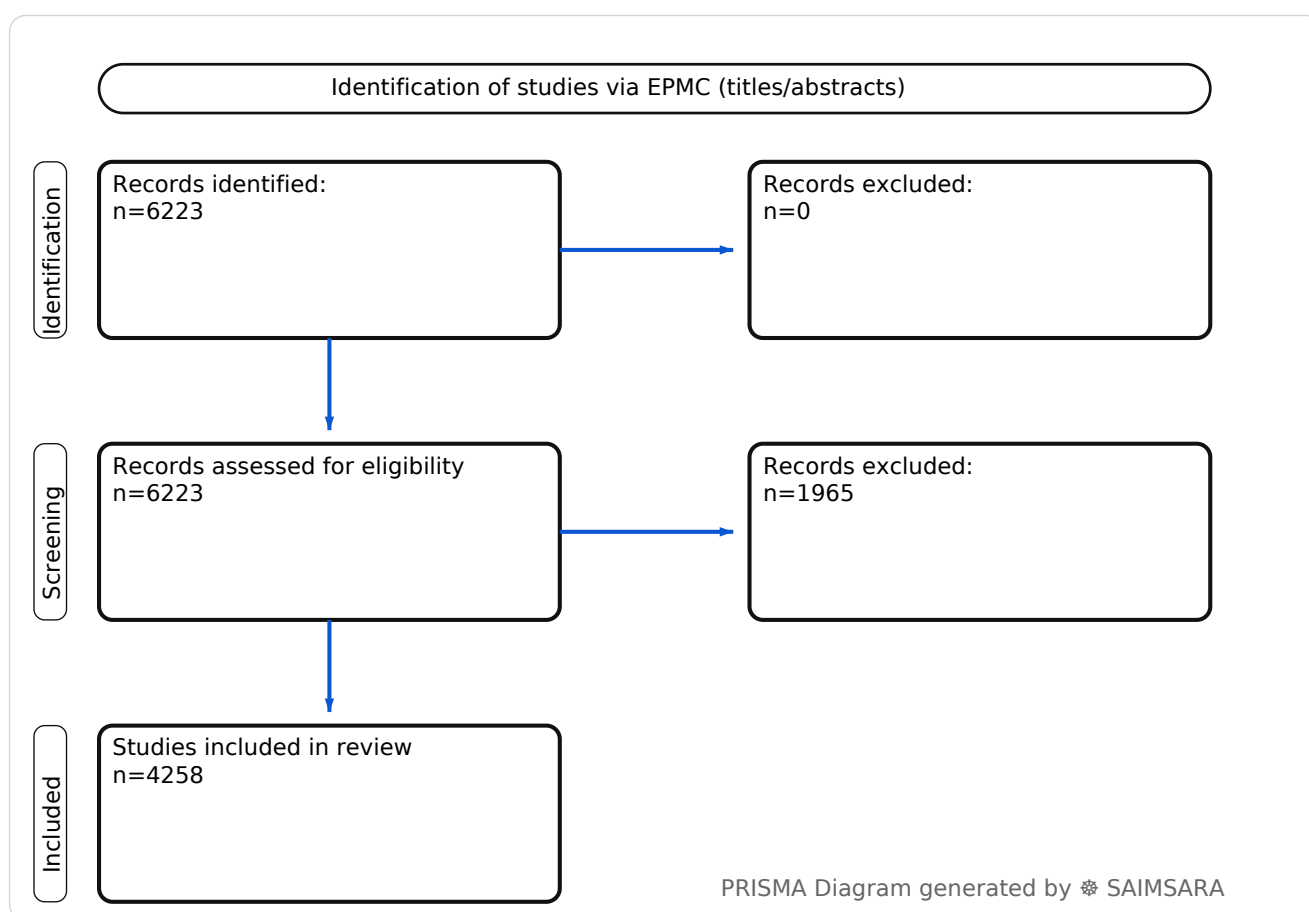


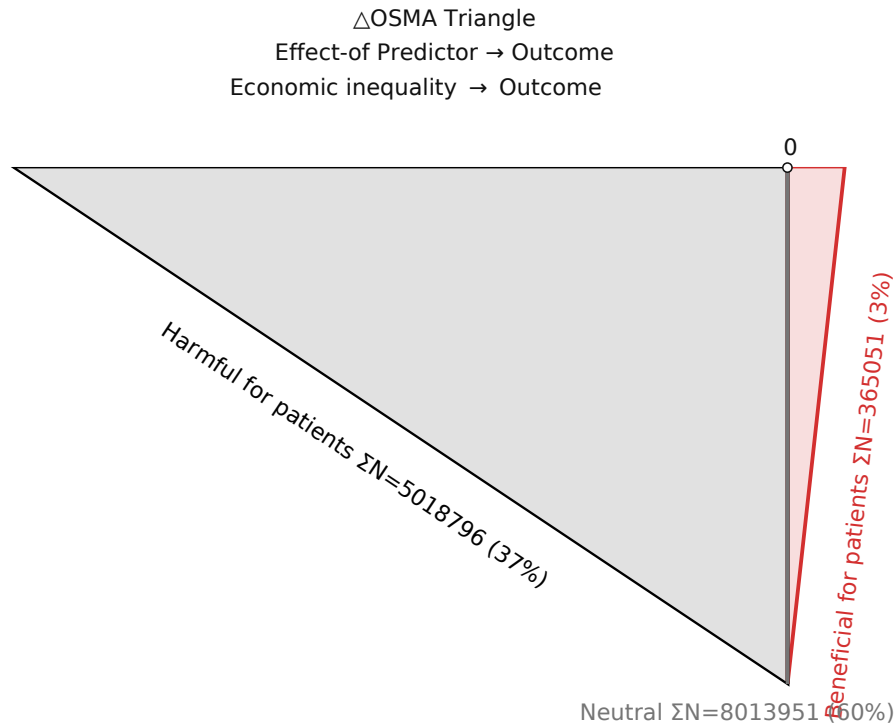
Economic Inequality: Systematic Review with SAIMSARA.

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Review Stats

- Generated: 2026-01-01 13:21:17 CET
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- Keyword Gate: Fuzzy ($\geq 60\%$ of required terms, minimum 2 terms matched in title/abstract)
- Total Abstracts/Papers: 6223
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- Included original Abstracts/Papers: 4258
- Total study participants (naïve ΣN): 13397798





△OSMA Triangle generated by SAIMSARA

Outcome-Sentiment Meta-Analysis (OSMA): (LLM-only)

Frame: Effect-of Predictor → Outcome • *Source:* Europe PMC

Outcome: Outcome Typical timepoints: 5-y, peri/post-op. Reported metrics: %, CI, p.

Common endpoints: Common endpoints: mortality, complications, admission.

Predictor: Economic inequality — exposure/predictor. Doses/units seen: 135 mg, 2500 g, 3500 g. Routes seen: oral, sc, iv, im. Typical comparator: global north countries, control, unaffected areas, dominant caste groups....

- **1) Beneficial for patients** — Outcome with Economic inequality — [44], [165], [217], [223], [270], [290], [359], [362], [383], [393], [395], [441], [488], [492], [535], [545], [553], [563], [612], [620], [632], [637], [639], [650], [655], [667], [671], [698], [735], [797], [838], [843], [846], [849], [850], [870], [907], [922], [935], [944], [966], [979], [981], [993], [1070], [1183], [1225], [1250], [1269], [1273], [1296], [1308], [1320], [1352], [1426], [1432], [1484], [1495], [1538], [1564], [1567], [1746], [1815], [1817], [1848], [1856], [1863], [1876], [1889], [1943], [1988], [1992], [2003], [2022], [2057], [2074], [2081], [2120], [2133], [2145], [2150], [2171], [2224], [2264], [2323], [2351], [2359], [2417], [2435], [2479], [2538], [2622], [2674], [2720], [2721], [2762], [2771], [2778], [2788], [2819], [2820], [2826], [2934], [2940], [2985], [3017], [3022], [3052],

[3142], [3147], [3156], [3157], [3213], [3215], [3276], [3277], [3279], [3298], [3359], [3371], [3372], [3474], [3605], [3606], [3636], [3639], [3642], [3668], [3693], [3707], [3748], [3770], [3845], [3904], [3919], [3986], [3995], [4047], [4057], [4112], [4186] — $\Sigma N=365051$

- **2) Harmful for patients** — Outcome with Economic inequality — [1], [2], [7], [12], [18], [22], [47], [67], [71], [81], [85], [86], [88], [100], [101], [104], [105], [123], [134], [145], [147], [150], [157], [158], [159], [160], [161], [163], [167], [174], [175], [178], [179], [181], [183], [185], [186], [187], [188], [190], [191], [194], [195], [197], [198], [199], [202], [209], [210], [212], [222], [234], [248], [274], [288], [297], [309], [310], [318], [322], [329], [334], [337], [346], [353], [355], [361], [371], [372], [375], [376], [390], [398], [401], [402], [404], [408], [409], [410], [415], [416], [418], [419], [421], [424], [425], [428], [432], [438], [442], [462], [475], [476], [489], [494], [510], [524], [530], [531], [548], [561], [580], [584], [585], [586], [592], [595], [596], [598], [599], [608], [616], [627], [628], [629], [631], [633], [635], [636], [638], [640], [641], [642], [644], [645], [646], [647], [648], [649], [657], [661], [682], [690], [695], [705], [722], [738], [739], [747], [750], [760], [772], [780], [794], [803], [824], [825], [840], [847], [868], [871], [877], [881], [884], [885], [889], [894], [908], [917], [932], [933], [953], [954], [955], [957], [961], [964], [967], [969], [974], [980], [983], [984], [992], [998], [1015], [1027], [1034], [1042], [1046], [1054], [1057], [1058], [1060], [1061], [1064], [1073], [1074], [1077], [1089], [1097], [1115], [1156], [1162], [1174], [1176], [1177], [1184], [1185], [1190], [1191], [1193], [1194], [1197], [1203], [1204], [1214], [1215], [1216], [1222], [1223], [1224], [1234], [1248], [1258], [1262], [1263], [1265], [1268], [1270], [1275], [1279], [1280], [1281], [1289], [1295], [1300], [1302], [1303], [1309], [1324], [1325], [1328], [1329], [1330], [1334], [1335], [1336], [1341], [1342], [1343], [1346], [1347], [1348], [1393], [1396], [1399], [1406], [1416], [1418], [1421], [1425], [1430], [1444], [1449], [1452], [1454], [1457], [1465], [1467], [1473], [1475], [1486], [1487], [1488], [1490], [1494], [1516], [1520], [1524], [1531], [1535], [1541], [1542], [1549], [1553], [1555], [1556], [1559], [1561], [1562], [1565], [1568], [1569], [1572], [1573], [1576], [1578], [1584], [1586], [1589], [1592], [1594], [1600], [1601], [1606], [1611], [1617], [1618], [1626], [1638], [1639], [1642], [1644], [1648], [1656], [1674], [1678], [1698], [1704], [1706], [1707], [1714], [1717], [1720], [1728], [1738], [1743], [1745], [1747], [1749], [1753], [1770], [1781], [1789], [1795], [1797], [1800], [1813], [1824], [1831], [1833], [1834], [1838], [1862], [1869], [1872], [1881], [1894], [1897], [1899], [1900], [1904], [1905], [1909], [1911], [1916], [1917], [1923], [1930], [1931], [1934], [1935], [1936], [1939], [1940], [1941], [1944], [1949], [1950], [1952], [1955], [1957], [1958], [1959], [1962], [1966], [1969], [1975], [1981], [1983], [2000], [2004], [2005], [2008], [2009], [2010], [2012], [2013], [2014], [2015], [2016], [2020], [2021], [2025], [2027], [2029], [2030], [2032], [2033], [2038], [2044], [2048], [2068], [2077],

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[4145], [4176], [4251], [4255] — ΣN=5018796

- **3) No clear effect** — Outcome with Economic inequality — [3], [4], [5], [6], [8], [9], [10], [11], [13], [14], [15], [16], [17], [19], [20], [21], [23], [24], [25], [26], [27], [28], [29], [30], [31], [32], [33], [34], [35], [36], [37], [38], [39], [40], [41], [42], [43], [45], [46], [48], [49], [50], [51], [52], [53], [54], [55], [56], [57], [58], [59], [60], [61], [62], [63], [64], [65], [66], [68], [69], [70], [72], [73], [74], [75], [76], [77], [78], [79], [80], [82], [83], [84], [87], [89], [90], [91], [92], [93], [94], [95], [96], [97], [98], [99], [102], [103], [106], [107], [108], [109], [110], [111], [112], [113], [114], [115], [116], [117], [118], [119], [120], [121], [122], [124], [125], [126], [127], [128], [129], [130], [131], [132], [133], [135], [136], [137], [138], [139], [140], [141], [142], [143], [144], [146], [148], [149], [151], [152], [153], [154], [155], [156], [162], [164], [166], [168], [169], [170], [171], [172], [173], [176], [177], [180], [182], [184], [189], [192], [193], [196], [200], [201], [203], [204], [205], [206], [207], [208], [211], [213], [214], [215], [216], [218], [219], [220], [221], [224], [225], [226], [227], [228], [229], [230], [231], [232], [233], [235], [236], [237], [238], [239], [240], [241], [242], [243], [244], [245], [246], [247], [249], [250], [251], [252], [253], [254], [255], [256], [257], [258], [259], [260], [261], [262], [263], [264], [265], [266], [267], [268], [269], [271], [272], [273], [275], [276], [277], [278], [279], [280], [281], [282], [283], [284], [285], [286], [287], [289], [291], [292], [293], [294], [295], [296], [298], [299], [300], [301], [302], [303], [304], [305], [306], [307], [308], [311], [312], [313], [314], [315], [316], [317], [319], [320], [321], [323], [324], [325], [326], [327], [328], [330], [331], [332], [333], [335], [336], [338], [339], [340], [341], [342], [343], [344], [345], [347], [348], [349], [350], [351], [352], [354], [356], [357], [358], [360], [363], [364], [365], [366], [367], [368], [369], [370], [373], [374], [377], [378], [379], [380], [381], [382], [384], [385], [386], [387], [388], [389], [391], [392], [394], [396], [397], [399], [400], [403], [405], [406], [407], [411], [412], [413], [414], [417], [420], [422], [423], [426], [427], [429], [430], [431], [433], [434], [435], [436], [437], [439], [440], [443], [444], [445], [446], [447], [448], [449], [450], [451], [452], [453], [454], [455], [456], [457], [458], [459], [460], [461], [463], [464], [465], [466], [467], [468], [469], [470], [471], [472], [473], [474], [477], [478], [479], [480], [481], [482], [483], [484], [485], [486], [487], [490], [491], [493], [495], [496], [497], [498], [499], [500], [501], [502], [503], [504], [505], [506], [507], [508], [509], [511], [512], [513], [514], [515], [516], [517], [518], [519], [520], [521], [522], [523], [525], [526], [527], [528], [529], [532], [533], [534], [536], [537], [538], [539], [540], [541], [542], [543], [544], [546], [547], [549], [550], [551], [552], [554], [555], [556], [557], [558], [559], [560], [562], [564], [565], [566], [567], [568], [569], [570], [571], [572], [573], [574], [575], [576], [577], [578], [579], [581], [582], [583], [587], [588], [589], [590], [591], [593], [594], [597], [600], [601], [602], [603], [604], [605], [606], [607], [609], [610], [611], [613], [614], [615], [617], [618], [619], [621], [622], [623], [624], [625], [626], [630], [634], [643], [651], [652], [653], [654], [656],

[658], [659], [660], [662], [663], [664], [665], [666], [668], [669], [670], [672], [673], [674], [675], [676], [677], [678], [679], [680], [681], [683], [684], [685], [686], [687], [688], [689], [691], [692], [693], [694], [696], [697], [699], [700], [701], [702], [703], [704], [706], [707], [708], [709], [710], [711], [712], [713], [714], [715], [716], [717], [718], [719], [720], [721], [723], [724], [725], [726], [727], [728], [729], [730], [731], [732], [733], [734], [736], [737], [740], [741], [742], [743], [744], [745], [746], [748], [749], [751], [752], [753], [754], [755], [756], [757], [758], [759], [761], [762], [763], [764], [765], [766], [767], [768], [769], [770], [771], [773], [774], [775], [776], [777], [778], [779], [781], [782], [783], [784], [785], [786], [787], [788], [789], [790], [791], [792], [793], [795], [796], [798], [799], [800], [801], [802], [804], [805], [806], [807], [808], [809], [810], [811], [812], [813], [814], [815], [816], [817], [818], [819], [820], [821], [822], [823], [826], [827], [828], [829], [830], [831], [832], [833], [834], [835], [836], [837], [839], [841], [842], [844], [845], [848], [851], [852], [853], [854], [855], [856], [857], [858], [859], [860], [861], [862], [863], [864], [865], [866], [867], [869], [872], [873], [874], [875], [876], [878], [879], [880], [882], [883], [886], [887], [888], [890], [891], [892], [893], [895], [896], [897], [898], [899], [900], [901], [902], [903], [904], [905], [906], [909], [910], [911], [912], [913], [914], [915], [916], [918], [919], [920], [921], [923], [924], [925], [926], [927], [928], [929], [930], [931], [934], [936], [937], [938], [939], [940], [941], [942], [943], [945], [946], [947], [948], [949], [950], [951], [952], [956], [958], [959], [960], [962], [963], [965], [968], [970], [971], [972], [973], [975], [976], [977], [978], [982], [985], [986], [987], [988], [989], [990], [991], [994], [995], [996], [997], [999], [1000], [1001], [1002], [1003], [1004], [1005], [1006], [1007], [1008], [1009], [1010], [1011], [1012], [1013], [1014], [1016], [1017], [1018], [1019], [1020], [1021], [1022], [1023], [1024], [1025], [1026], [1028], [1029], [1030], [1031], [1032], [1033], [1035], [1036], [1037], [1038], [1039], [1040], [1041], [1043], [1044], [1045], [1047], [1048], [1049], [1050], [1051], [1052], [1053], [1055], [1056], [1059], [1062], [1063], [1065], [1066], [1067], [1068], [1069], [1071], [1072], [1075], [1076], [1078], [1079], [1080], [1081], [1082], [1083], [1084], [1085], [1086], [1087], [1088], [1090], [1091], [1092], [1093], [1094], [1095], [1096], [1098], [1099], [1100], [1101], [1102], [1103], [1104], [1105], [1106], [1107], [1108], [1109], [1110], [1111], [1112], [1113], [1114], [1116], [1117], [1118], [1119], [1120], [1121], [1122], [1123], [1124], [1125], [1126], [1127], [1128], [1129], [1130], [1131], [1132], [1133], [1134], [1135], [1136], [1137], [1138], [1139], [1140], [1141], [1142], [1143], [1144], [1145], [1146], [1147], [1148], [1149], [1150], [1151], [1152], [1153], [1154], [1155], [1157], [1158], [1159], [1160], [1161], [1163], [1164], [1165], [1166], [1167], [1168], [1169], [1170], [1171], [1172], [1173], [1175], [1178], [1179], [1180], [1181], [1182], [1186], [1187], [1188], [1189], [1192], [1195], [1196], [1198], [1199], [1200], [1201], [1202], [1205], [1206], [1207], [1208], [1209], [1210], [1211], [1212], [1213], [1217],

[1218], [1219], [1220], [1221], [1226], [1227], [1228], [1229], [1230], [1231], [1232], [1233], [1235], [1236], [1237], [1238], [1239], [1240], [1241], [1242], [1243], [1244], [1245], [1246], [1247], [1249], [1251], [1252], [1253], [1254], [1255], [1256], [1257], [1259], [1260], [1261], [1264], [1266], [1267], [1271], [1272], [1274], [1276], [1277], [1278], [1282], [1283], [1284], [1285], [1286], [1287], [1288], [1290], [1291], [1292], [1293], [1294], [1297], [1298], [1299], [1301], [1304], [1305], [1306], [1307], [1310], [1311], [1312], [1313], [1314], [1315], [1316], [1317], [1318], [1319], [1321], [1322], [1323], [1326], [1327], [1331], [1332], [1333], [1337], [1338], [1339], [1340], [1344], [1345], [1349], [1350], [1351], [1353], [1354], [1355], [1356], [1357], [1358], [1359], [1360], [1361], [1362], [1363], [1364], [1365], [1366], [1367], [1368], [1369], [1370], [1371], [1372], [1373], [1374], [1375], [1376], [1377], [1378], [1379], [1380], [1381], [1382], [1383], [1384], [1385], [1386], [1387], [1388], [1389], [1390], [1391], [1392], [1394], [1395], [1397], [1398], [1400], [1401], [1402], [1403], [1404], [1405], [1407], [1408], [1409], [1410], [1411], [1412], [1413], [1414], [1415], [1417], [1419], [1420], [1422], [1423], [1424], [1427], [1428], [1429], [1431], [1433], [1434], [1435], [1436], [1437], [1438], [1439], [1440], [1441], [1442], [1443], [1445], [1446], [1447], [1448], [1450], [1451], [1453], [1455], [1456], [1458], [1459], [1460], [1461], [1462], [1463], [1464], [1466], [1468], [1469], [1470], [1471], [1472], [1474], [1476], [1477], [1478], [1479], [1480], [1481], [1482], [1483], [1485], [1489], [1491], [1492], [1493], [1496], [1497], [1498], [1499], [1500], [1501], [1502], [1503], [1504], [1505], [1506], [1507], [1508], [1509], [1510], [1511], [1512], [1513], [1514], [1515], [1517], [1518], [1519], [1521], [1522], [1523], [1525], [1526], [1527], [1528], [1529], [1530], [1532], [1533], [1534], [1536], [1537], [1539], [1540], [1543], [1544], [1545], [1546], [1547], [1548], [1550], [1551], [1552], [1554], [1557], [1558], [1560], [1563], [1566], [1570], [1571], [1574], [1575], [1577], [1579], [1580], [1581], [1582], [1583], [1585], [1587], [1588], [1590], [1591], [1593], [1595], [1596], [1597], [1598], [1599], [1602], [1603], [1604], [1605], [1607], [1608], [1609], [1610], [1612], [1613], [1614], [1615], [1616], [1619], [1620], [1621], [1622], [1623], [1624], [1625], [1627], [1628], [1629], [1630], [1631], [1632], [1633], [1634], [1635], [1636], [1637], [1640], [1641], [1643], [1645], [1646], [1647], [1649], [1650], [1651], [1652], [1653], [1654], [1655], [1657], [1658], [1659], [1660], [1661], [1662], [1663], [1664], [1665], [1666], [1667], [1668], [1669], [1670], [1671], [1672], [1673], [1675], [1676], [1677], [1679], [1680], [1681], [1682], [1683], [1684], [1685], [1686], [1687], [1688], [1689], [1690], [1691], [1692], [1693], [1694], [1695], [1696], [1697], [1699], [1700], [1701], [1702], [1703], [1705], [1708], [1709], [1710], [1711], [1712], [1713], [1715], [1716], [1718], [1719], [1721], [1722], [1723], [1724], [1725], [1726], [1727], [1729], [1730], [1731], [1732], [1733], [1734], [1735], [1736], [1737], [1739], [1740], [1741], [1742], [1744], [1748], [1750], [1751], [1752], [1754], [1755], [1756], [1757], [1758], [1759], [1760], [1761], [1762], [1763], [1764],

[1765], [1766], [1767], [1768], [1769], [1771], [1772], [1773], [1774], [1775], [1776], [1777], [1778], [1779], [1780], [1782], [1783], [1784], [1785], [1786], [1787], [1788], [1790], [1791], [1792], [1793], [1794], [1796], [1798], [1799], [1801], [1802], [1803], [1804], [1805], [1806], [1807], [1808], [1809], [1810], [1811], [1812], [1814], [1816], [1818], [1819], [1820], [1821], [1822], [1823], [1825], [1826], [1827], [1828], [1829], [1830], [1832], [1835], [1836], [1837], [1839], [1840], [1841], [1842], [1843], [1844], [1845], [1846], [1847], [1849], [1850], [1851], [1852], [1853], [1854], [1855], [1857], [1858], [1859], [1860], [1861], [1864], [1865], [1866], [1867], [1868], [1870], [1871], [1873], [1874], [1875], [1877], [1878], [1879], [1880], [1882], [1883], [1884], [1885], [1886], [1887], [1888], [1890], [1891], [1892], [1893], [1895], [1896], [1898], [1901], [1902], [1903], [1906], [1907], [1908], [1910], [1912], [1913], [1914], [1915], [1918], [1919], [1920], [1921], [1922], [1924], [1925], [1926], [1927], [1928], [1929], [1932], [1933], [1937], [1938], [1942], [1945], [1946], [1947], [1948], [1951], [1953], [1954], [1956], [1960], [1961], [1963], [1964], [1965], [1967], [1968], [1970], [1971], [1972], [1973], [1974], [1976], [1977], [1978], [1979], [1980], [1982], [1984], [1985], [1986], [1987], [1989], [1990], [1991], [1993], [1994], [1995], [1996], [1997], [1998], [1999], [2001], [2002], [2006], [2007], [2011], [2017], [2018], [2019], [2023], [2024], [2026], [2028], [2031], [2034], [2035], [2036], [2037], [2039], [2040], [2041], [2042], [2043], [2045], [2046], [2047], [2049], [2050], [2051], [2052], [2053], [2054], [2055], [2056], [2058], [2059], [2060], [2061], [2062], [2063], [2064], [2065], [2066], [2067], [2069], [2070], [2071], [2072], [2073], [2075], [2076], [2082], [2083], [2085], [2087], [2088], [2092], [2093], [2097], [2098], [2099], [2100], [2102], [2104], [2105], [2106], [2107], [2108], [2109], [2110], [2111], [2112], [2113], [2114], [2116], [2117], [2118], [2119], [2121], [2122], [2124], [2125], [2126], [2127], [2128], [2129], [2130], [2131], [2132], [2135], [2136], [2137], [2138], [2139], [2140], [2141], [2142], [2143], [2144], [2146], [2147], [2148], [2149], [2151], [2152], [2153], [2155], [2157], [2158], [2161], [2162], [2163], [2164], [2167], [2169], [2172], [2174], [2175], [2176], [2177], [2178], [2179], [2180], [2181], [2182], [2184], [2185], [2186], [2187], [2188], [2189], [2190], [2192], [2193], [2195], [2196], [2197], [2198], [2199], [2200], [2201], [2202], [2203], [2204], [2205], [2206], [2207], [2208], [2209], [2210], [2211], [2212], [2213], [2214], [2215], [2216], [2218], [2219], [2220], [2222], [2223], [2225], [2226], [2227], [2228], [2229], [2230], [2231], [2234], [2235], [2238], [2239], [2241], [2242], [2243], [2244], [2245], [2246], [2247], [2249], [2251], [2253], [2254], [2255], [2256], [2257], [2258], [2259], [2260], [2261], [2262], [2263], [2265], [2266], [2267], [2268], [2269], [2271], [2272], [2273], [2275], [2276], [2277], [2278], [2279], [2280], [2281], [2282], [2283], [2284], [2285], [2286], [2289], [2290], [2292], [2293], [2294], [2297], [2298], [2299], [2300], [2301], [2302], [2303], [2304], [2305], [2306], [2307], [2308], [2310], [2312], [2313], [2314], [2315], [2318], [2319], [2320], [2321], [2322], [2324], [2325], [2326], [2327],

[2328], [2329], [2332], [2333], [2334], [2335], [2336], [2337], [2338], [2339], [2341], [2343], [2344], [2345], [2346], [2347], [2348], [2349], [2350], [2352], [2353], [2354], [2355], [2356], [2357], [2358], [2360], [2361], [2362], [2363], [2364], [2365], [2366], [2367], [2368], [2369], [2370], [2372], [2373], [2374], [2375], [2376], [2378], [2379], [2380], [2381], [2382], [2383], [2384], [2385], [2386], [2387], [2390], [2391], [2393], [2394], [2395], [2398], [2399], [2400], [2401], [2402], [2403], [2404], [2405], [2406], [2407], [2409], [2410], [2411], [2412], [2413], [2414], [2415], [2416], [2418], [2419], [2420], [2421], [2422], [2423], [2424], [2425], [2426], [2427], [2428], [2429], [2430], [2431], [2437], [2438], [2442], [2443], [2444], [2445], [2447], [2448], [2451], [2452], [2453], [2454], [2455], [2456], [2457], [2458], [2459], [2460], [2461], [2462], [2463], [2464], [2465], [2466], [2467], [2468], [2469], [2470], [2471], [2472], [2473], [2474], [2475], [2476], [2477], [2478], [2480], [2481], [2482], [2484], [2485], [2486], [2487], [2488], [2489], [2491], [2492], [2493], [2495], [2496], [2498], [2499], [2500], [2501], [2502], [2504], [2505], [2507], [2509], [2510], [2512], [2513], [2515], [2516], [2517], [2518], [2519], [2520], [2521], [2522], [2523], [2524], [2525], [2526], [2528], [2529], [2530], [2532], [2533], [2534], [2535], [2536], [2539], [2540], [2542], [2544], [2545], [2546], [2548], [2549], [2551], [2552], [2553], [2554], [2555], [2556], [2557], [2558], [2559], [2561], [2562], [2563], [2564], [2565], [2566], [2567], [2568], [2569], [2570], [2571], [2572], [2575], [2576], [2577], [2578], [2580], [2581], [2582], [2583], [2584], [2585], [2587], [2588], [2590], [2591], [2592], [2593], [2594], [2595], [2596], [2597], [2598], [2599], [2600], [2601], [2602], [2603], [2604], [2605], [2606], [2607], [2608], [2610], [2611], [2613], [2614], [2615], [2616], [2617], [2618], [2623], [2626], [2627], [2628], [2629], [2630], [2633], [2635], [2636], [2637], [2640], [2643], [2645], [2646], [2648], [2650], [2651], [2652], [2653], [2654], [2655], [2656], [2658], [2659], [2661], [2663], [2665], [2666], [2667], [2668], [2669], [2670], [2675], [2676], [2677], [2678], [2680], [2682], [2684], [2686], [2687], [2688], [2689], [2690], [2694], [2695], [2696], [2697], [2698], [2699], [2700], [2701], [2702], [2703], [2704], [2705], [2706], [2707], [2708], [2709], [2711], [2712], [2713], [2714], [2715], [2716], [2717], [2718], [2719], [2722], [2723], [2724], [2725], [2726], [2727], [2728], [2729], [2730], [2731], [2732], [2733], [2734], [2735], [2736], [2737], [2738], [2739], [2741], [2742], [2743], [2744], [2745], [2746], [2747], [2748], [2749], [2751], [2752], [2753], [2754], [2755], [2757], [2758], [2759], [2761], [2764], [2766], [2767], [2768], [2769], [2770], [2772], [2773], [2774], [2775], [2776], [2777], [2779], [2780], [2781], [2784], [2785], [2789], [2790], [2791], [2792], [2793], [2795], [2797], [2799], [2801], [2802], [2803], [2805], [2806], [2807], [2809], [2812], [2813], [2814], [2815], [2816], [2817], [2821], [2822], [2823], [2824], [2825], [2827], [2828], [2829], [2830], [2831], [2832], [2833], [2834], [2835], [2836], [2837], [2838], [2839], [2840], [2841], [2842], [2843], [2844], [2845], [2846], [2847], [2848], [2849], [2850], [2851], [2852], [2853], [2854], [2855], [2856], [2858],

[2859], [2861], [2862], [2863], [2864], [2865], [2866], [2867], [2868], [2869], [2870], [2871], [2872], [2873], [2874], [2875], [2876], [2877], [2879], [2880], [2881], [2882], [2883], [2884], [2885], [2886], [2887], [2888], [2889], [2890], [2892], [2893], [2894], [2895], [2896], [2897], [2898], [2900], [2901], [2902], [2903], [2904], [2905], [2906], [2907], [2908], [2909], [2910], [2912], [2915], [2916], [2917], [2918], [2919], [2920], [2921], [2922], [2923], [2924], [2925], [2926], [2927], [2929], [2932], [2937], [2939], [2941], [2943], [2946], [2949], [2951], [2952], [2953], [2954], [2955], [2956], [2957], [2958], [2959], [2960], [2961], [2962], [2963], [2964], [2965], [2966], [2968], [2969], [2970], [2971], [2972], [2973], [2974], [2976], [2977], [2978], [2979], [2980], [2982], [2983], [2984], [2986], [2987], [2988], [2989], [2990], [2991], [2992], [2993], [2995], [2997], [3000], [3001], [3002], [3003], [3004], [3005], [3006], [3007], [3008], [3009], [3010], [3011], [3012], [3013], [3014], [3015], [3016], [3019], [3020], [3021], [3023], [3024], [3025], [3026], [3027], [3029], [3030], [3031], [3033], [3035], [3036], [3037], [3038], [3039], [3040], [3041], [3042], [3043], [3044], [3046], [3047], [3048], [3049], [3050], [3051], [3053], [3054], [3055], [3058], [3062], [3064], [3066], [3067], [3068], [3069], [3070], [3072], [3073], [3074], [3078], [3079], [3080], [3081], [3082], [3083], [3084], [3085], [3086], [3087], [3088], [3089], [3090], [3091], [3092], [3093], [3094], [3095], [3096], [3097], [3099], [3100], [3101], [3103], [3105], [3106], [3107], [3108], [3112], [3113], [3114], [3118], [3119], [3120], [3125], [3126], [3127], [3128], [3129], [3130], [3131], [3132], [3133], [3134], [3135], [3136], [3137], [3139], [3140], [3144], [3145], [3146], [3148], [3149], [3150], [3151], [3153], [3154], [3155], [3158], [3159], [3160], [3161], [3162], [3163], [3164], [3165], [3166], [3167], [3168], [3169], [3170], [3171], [3172], [3173], [3174], [3175], [3176], [3177], [3178], [3179], [3180], [3181], [3183], [3184], [3185], [3187], [3189], [3190], [3191], [3192], [3194], [3195], [3196], [3198], [3199], [3200], [3201], [3202], [3203], [3204], [3205], [3207], [3208], [3209], [3210], [3211], [3214], [3216], [3218], [3219], [3221], [3222], [3223], [3224], [3225], [3226], [3227], [3228], [3229], [3230], [3231], [3233], [3234], [3235], [3238], [3240], [3241], [3244], [3245], [3246], [3247], [3248], [3249], [3250], [3251], [3252], [3253], [3254], [3255], [3256], [3257], [3258], [3259], [3260], [3261], [3262], [3263], [3264], [3265], [3267], [3268], [3269], [3270], [3271], [3273], [3274], [3281], [3283], [3286], [3287], [3288], [3292], [3293], [3296], [3302], [3303], [3304], [3305], [3306], [3307], [3309], [3311], [3312], [3314], [3315], [3316], [3320], [3321], [3322], [3323], [3326], [3327], [3328], [3329], [3330], [3331], [3332], [3333], [3334], [3335], [3336], [3337], [3338], [3339], [3340], [3341], [3342], [3343], [3344], [3345], [3346], [3347], [3348], [3349], [3350], [3356], [3357], [3358], [3361], [3362], [3363], [3364], [3365], [3366], [3370], [3373], [3374], [3376], [3377], [3378], [3379], [3380], [3381], [3382], [3384], [3385], [3386], [3387], [3389], [3390], [3391], [3392], [3393], [3394], [3395], [3396], [3397], [3398], [3399], [3400], [3401], [3402], [3404], [3405], [3406], [3407], [3408],

[3410], [3411], [3412], [3414], [3415], [3416], [3417], [3418], [3419], [3420], [3421], [3422], [3423], [3424], [3425], [3426], [3427], [3428], [3429], [3430], [3431], [3432], [3436], [3438], [3439], [3440], [3441], [3442], [3443], [3444], [3445], [3450], [3451], [3452], [3453], [3454], [3455], [3456], [3458], [3459], [3460], [3461], [3462], [3463], [3464], [3465], [3466], [3467], [3468], [3469], [3470], [3471], [3472], [3473], [3476], [3477], [3478], [3479], [3480], [3481], [3482], [3483], [3484], [3485], [3486], [3487], [3488], [3489], [3490], [3494], [3495], [3497], [3498], [3500], [3501], [3502], [3503], [3504], [3505], [3506], [3507], [3508], [3509], [3511], [3512], [3513], [3514], [3515], [3516], [3517], [3518], [3519], [3520], [3521], [3522], [3524], [3525], [3526], [3527], [3528], [3529], [3530], [3531], [3532], [3533], [3534], [3535], [3536], [3537], [3538], [3539], [3540], [3541], [3543], [3544], [3545], [3547], [3550], [3551], [3552], [3553], [3554], [3555], [3556], [3558], [3559], [3560], [3561], [3562], [3563], [3564], [3566], [3568], [3571], [3572], [3574], [3575], [3576], [3578], [3579], [3580], [3581], [3584], [3585], [3586], [3587], [3588], [3590], [3591], [3592], [3593], [3594], [3595], [3596], [3597], [3598], [3599], [3600], [3601], [3602], [3603], [3604], [3607], [3608], [3609], [3610], [3611], [3612], [3613], [3615], [3616], [3617], [3618], [3619], [3620], [3621], [3623], [3624], [3625], [3626], [3627], [3628], [3629], [3630], [3631], [3632], [3633], [3634], [3635], [3637], [3638], [3640], [3641], [3644], [3646], [3647], [3648], [3649], [3650], [3651], [3652], [3653], [3654], [3655], [3656], [3657], [3658], [3659], [3660], [3661], [3662], [3663], [3664], [3665], [3666], [3667], [3669], [3670], [3671], [3672], [3673], [3674], [3675], [3676], [3678], [3679], [3681], [3683], [3685], [3687], [3688], [3689], [3690], [3691], [3692], [3694], [3695], [3697], [3699], [3700], [3701], [3702], [3703], [3704], [3705], [3709], [3710], [3711], [3712], [3714], [3715], [3716], [3717], [3718], [3719], [3720], [3721], [3723], [3724], [3725], [3726], [3729], [3730], [3732], [3733], [3734], [3737], [3740], [3741], [3742], [3743], [3744], [3747], [3749], [3750], [3751], [3752], [3754], [3755], [3757], [3758], [3759], [3760], [3761], [3762], [3763], [3764], [3765], [3766], [3767], [3768], [3769], [3771], [3772], [3773], [3774], [3775], [3776], [3777], [3778], [3779], [3780], [3781], [3785], [3786], [3787], [3788], [3789], [3790], [3791], [3792], [3793], [3794], [3795], [3796], [3797], [3798], [3799], [3800], [3801], [3802], [3803], [3804], [3807], [3808], [3809], [3811], [3812], [3813], [3814], [3815], [3816], [3818], [3819], [3820], [3821], [3822], [3826], [3828], [3829], [3830], [3831], [3832], [3833], [3834], [3835], [3836], [3837], [3838], [3839], [3840], [3842], [3843], [3844], [3846], [3848], [3849], [3850], [3851], [3853], [3854], [3855], [3856], [3857], [3858], [3859], [3860], [3861], [3863], [3864], [3865], [3868], [3869], [3870], [3871], [3873], [3874], [3875], [3876], [3877], [3879], [3880], [3881], [3882], [3883], [3884], [3885], [3886], [3887], [3888], [3890], [3891], [3892], [3894], [3895], [3896], [3897], [3898], [3899], [3900], [3901], [3902], [3903], [3905], [3906], [3907], [3908], [3909], [3910], [3911], [3912], [3913], [3914], [3915], [3916], [3917], [3918], [3920],

[3921], [3922], [3923], [3924], [3925], [3926], [3927], [3928], [3929], [3930], [3932], [3933], [3934], [3935], [3936], [3939], [3940], [3942], [3943], [3944], [3945], [3946], [3947], [3948], [3949], [3950], [3951], [3952], [3953], [3954], [3955], [3956], [3957], [3958], [3959], [3960], [3962], [3964], [3965], [3966], [3968], [3969], [3972], [3974], [3976], [3977], [3980], [3981], [3982], [3983], [3984], [3985], [3987], [3988], [3989], [3990], [3992], [3993], [3994], [3997], [3998], [3999], [4000], [4001], [4002], [4003], [4004], [4006], [4007], [4008], [4009], [4011], [4012], [4013], [4014], [4015], [4016], [4017], [4019], [4020], [4021], [4023], [4024], [4025], [4026], [4028], [4031], [4032], [4041], [4042], [4043], [4044], [4045], [4050], [4059], [4060], [4061], [4065], [4066], [4067], [4068], [4069], [4070], [4074], [4076], [4077], [4078], [4080], [4081], [4082], [4083], [4084], [4085], [4086], [4087], [4088], [4089], [4090], [4091], [4092], [4093], [4094], [4095], [4096], [4097], [4098], [4099], [4100], [4101], [4102], [4104], [4105], [4106], [4108], [4109], [4110], [4111], [4114], [4115], [4116], [4117], [4118], [4119], [4120], [4121], [4122], [4123], [4124], [4125], [4126], [4127], [4128], [4130], [4131], [4134], [4137], [4140], [4141], [4142], [4143], [4144], [4146], [4147], [4148], [4149], [4150], [4151], [4152], [4153], [4154], [4155], [4156], [4157], [4158], [4159], [4160], [4161], [4162], [4163], [4164], [4165], [4166], [4167], [4168], [4169], [4170], [4171], [4172], [4173], [4174], [4175], [4177], [4178], [4179], [4180], [4181], [4182], [4183], [4184], [4185], [4187], [4188], [4189], [4190], [4191], [4192], [4193], [4194], [4195], [4196], [4197], [4198], [4199], [4200], [4201], [4202], [4203], [4204], [4205], [4206], [4207], [4208], [4209], [4210], [4211], [4212], [4213], [4214], [4215], [4216], [4217], [4218], [4219], [4220], [4221], [4222], [4223], [4224], [4225], [4226], [4227], [4228], [4229], [4230], [4231], [4232], [4233], [4234], [4235], [4236], [4237], [4238], [4239], [4240], [4241], [4242], [4243], [4244], [4245], [4246], [4247], [4248], [4249], [4250], [4252], [4253], [4254], [4256], [4257], [4258] — ΣN=8013951

1) Introduction

Economic inequality is a multifaceted global challenge with profound implications across societal, psychological, environmental, and health domains. Recent research highlights its pervasive influence, ranging from individual behavioral responses and mental health outcomes to systemic issues like climate change action, public health disparities, and political stability. Understanding the intricate pathways through which economic inequality manifests and perpetuates adverse outcomes is crucial for developing effective interventions and fostering equitable development worldwide. This paper synthesizes current findings to delineate key impacts and identify critical areas for future research and policy.

2) Aim

This paper aims to systematically review the diverse impacts of economic inequality on individual well-being, societal dynamics, environmental sustainability, and public health, and to identify critical research gaps and policy implications based on recent empirical evidence.

3) Methods

Systematic review with multilayer AI research agent: keyword normalization, retrieval & structuring, and paper synthesis (see SAIMSARA About section for details).

- **Bias:** Qualitatively inferred from study design fields. Studies predominantly employed mixed methods, cohort, and cross-sectional designs, with fewer experimental studies. This mix allows for broad observational insights but may limit causal inference in many areas. The lack of specified directionality in many studies further restricts the ability to infer causality. Sample sizes varied widely, from small experimental groups (e.g., N=9 [4], N=31 [155]) to large cohorts (e.g., N=165,622 [1], N=130,562 [66]), affecting the generalizability and statistical power of individual findings.

4) Results

4.1 Study characteristics

The included studies comprised a variety of designs, predominantly mixed methods (e.g., [3, 4, 5, 10, 11]), cohort studies (e.g., [1, 6, 13, 153]), and cross-sectional analyses (e.g., [2, 8, 15, 18]). Experimental designs were also present (e.g., [5, 62, 66]). Populations studied were diverse, spanning global contexts (e.g., 79 countries [3], 72 countries [6], 153 countries [163]), specific nations (e.g., China [11, 13, 146], U.S. [8, 25], India [15, 23]), and particular demographic groups (e.g., Australian school-aged children [4], Chinese women [16], elderly individuals [44, 77]). Follow-up periods, when reported, ranged from short-term (e.g., 2023 [4]) to multi-year (e.g., 2002–2022 [3], 2005–2020 [11], 2001–2015 [13]).

4.2 Main numerical result aligned to the query

No single comparable numerical metric for economic inequality itself (e.g., Gini coefficient change) was consistently reported across multiple studies in a way that would allow for a meaningful central value calculation. However, several studies quantified the *impact* of economic inequality. For instance, economic inequality was associated with a 22% increase in the relative risk of child mortality in urban areas [47]. In specific health outcomes, up to 45% of under-five deaths in high-burden African countries were attributable to economic inequality [22], and eliminating within-country inequality could have avoided over 500,000 cases of acute respiratory infection (ARI) in low- and middle-income countries in 2019 [88]. The prevalence of metabolic syndrome in elderly

individuals was 51.2% (95% CI: 47.7 to 54.8), with higher economic status acting as a protective factor [44].

4.3 Topic synthesis

- **Psychological and Behavioral Impacts:** Economic inequality is positively related to unethical behaviors (e.g., low-income groups in high inequality societies [1], expectation of unethical behavior [239]), poorer sleep quality mediated by social comparison and stress [2], increased moral justifications through anomie [5], heightened status anxiety and self-objectification (e.g., Chinese women [16]), and increased depressive symptoms and suicide ideation (e.g., young adults in South Korea, Odds ratio 1.82, 95% CI 1.49, 2.23 for depressive symptoms [18]). It also increases perceived prejudice against outgroups [206] and reduces trust and prosocial behavior (e.g., Chinese emerging adults [48, 280], less generosity mediated by unequal allocation norms [251]).
- **Health and Well-being Disparities:** Economic inequality is consistently associated with increased HIV prevalence [7], poorer mental health outcomes (e.g., children in India [15], adolescents in the UK [1034]), higher child mortality (e.g., 22% increase in relative risk [47], up to 45% of under-five deaths in African countries [22]), and increased risk of acute respiratory infection (e.g., 3.5% to 11.0% attributable burden in LMICs [88]). It also impacts vaccination uptake (e.g., Australian school children, Unadjusted OR = 1.47 [4]), maternal health development and under-five mortality rates (e.g., China [13]), and access to healthcare services (e.g., pro-rich inequality in skilled birth attendance in Mauritania [1252]). Health inequality driven by economic factors has shown some decrease globally [563], but disparities persist in areas like lean diabetes (pro-poor inequality [223]), chronic respiratory diseases (pro-poor distribution [274]), and functional limitation in older adults [356].
- **Environmental and Climate Change Implications:** Greater economic inequality leads citizens to attribute climate change mitigation responsibility to individuals rather than governments [6], potentially posing a barrier to systemic action [6]. Higher subjective and objective economic inequality are linked to increased climate change inaction [29, 116]. Economic development disparity is a foremost factor in carbon inequality enlargement [725]. Climate overshoot is projected to increase global inequality, disproportionately affecting vulnerable countries [187], and historical land-use changes have increased global economic inequality by harming developing economies [820].
- **Economic and Developmental Dynamics:** Economic complexity and government expenditure tend to exacerbate inequality, while tax revenue mitigates it [3]. Fiscal expenditure interacting with economic complexity significantly reduces inequality [3]. The Kuznets curve's ascending and descending trajectories are empirically confirmed [10]. Income inequality significantly inhibits Internet diffusion (e.g., China [11]), and extreme

poverty intensifies inequality (e.g., Africa [28]). Financial development, economic growth, and trade openness positively impact wealth inequality in emerging countries [506]. Higher economic inequality is associated with fewer protests for minimum wage increases [66].

- **Social and Political Consequences:** Economic inequality is a strong predictor of political attitudes and behaviors [19]. It fuels zero-sum beliefs about economic success [301], increases moral language online and harsher moral judgments [170, 369], and reduces preferences for competent political leaders [201]. It is also a factor in political instability and civil unrest (e.g., South Africa [361]), and contributes to the erosion of social capital (e.g., decline in bridging social capital [801]).
- **Structural and Systemic Factors:** Caste-based prejudices obstruct social inclusion and economic progress (e.g., Matua community in Bangladesh [155]), and structural racism is a fundamental barrier to economic progress (e.g., Brazil [448, 836]). Socio-economic status (SES) activates stereotypes that guide social judgments, contributing to inequality [483, 581]. Gender inequality, alongside economic disparities, influences outcomes such as vaccination uptake [78], HIV risk behavior [1002], and women's participation in economic spheres [927, 783]. Land tenure practices within special economic zones can exacerbate land grabbing and inequality [135].
- **Policy and Intervention Effectiveness:** Tax revenue mitigates inequality [3]. Providing context for racial inequality by highlighting structural causes increases support for economic equality policies [25]. Granting network agency can lead to lower inequality in economic games [124]. Policies addressing wealth, education, and living conditions are crucial for reducing health inequalities (e.g., child undernutrition [33]). Economic globalization can reduce both poverty and income inequality [1107]. Targeted universal basic income scenarios reduce income inequality more than universal ones [719].

5) Discussion

5.1 Principal finding

A synthesis of current research indicates that economic inequality is a pervasive determinant of adverse outcomes across diverse domains, including individual well-being, public health, environmental sustainability, and societal stability. For instance, economic inequality was associated with a 22% increase in the relative risk of child mortality in urban areas [47].

5.2 Clinical implications

- **Vulnerable Populations:** Low-income groups, women, children, and marginalized communities face disproportionately higher risks of unethical behaviors [1], poorer mental health [18, 1034], increased disease burden [22, 88], and limited access to essential

services (e.g., vaccination [4], healthcare [143, 355]).

- **Mental Health Screening:** Healthcare providers should be aware that high perceived economic inequality is associated with increased depressive symptoms and suicide ideation (Odds ratio 1.82 [18]), necessitating targeted screening and support for at-risk individuals, especially those with low income.
- **Preventive Interventions:** Policies promoting physical activity can alleviate depression symptoms in young people from lower economic levels [126], suggesting a low-cost intervention to reduce the psychological health gap.
- **Maternal and Child Health:** Interventions targeting socioeconomically vulnerable women are needed to improve access to hygienic menstrual practices (Concentration Index = 0.21 [433]) and maternal healthcare services (e.g., in Togo [1503]), which are critical for reducing child mortality and improving overall health.
- **Chronic Disease Management:** Awareness programs and policies are needed to reduce economic inequality and improve diabetes care, as risks are significantly higher in richer populations (OR = 2.78 [1541]), while undiagnosed hypertension is concentrated in the poorest groups [996].

5.3 Research implications / key gaps

- **Causal Mechanisms:** Further experimental and longitudinal studies are needed to establish stronger causal links between specific dimensions of economic inequality and observed psychological, social, and health outcomes, particularly in diverse cultural contexts.
- **Intervention Efficacy:** Research should focus on evaluating the effectiveness of targeted interventions (e.g., UBI [719], network agency [124], specific tax policies [3, 842]) in mitigating the adverse effects of economic inequality across different settings and populations.
- **Perception vs. Objective Measures:** More research is required to understand the interplay between subjective perceptions of inequality and objective measures, and how this gap influences individual behaviors and policy support [338, 858, 1287].
- **Long-term Environmental Impacts:** Longitudinal studies are needed to fully characterize the long-term impacts of economic inequality on climate change mitigation efforts and adaptation strategies, especially concerning differential burdens on developing nations [187, 820].
- **Intersectionality in Health:** Future studies should explicitly explore the intersectional effects of economic inequality with other forms of disadvantage (e.g., race [25, 2560], gender [172, 2203], caste [23, 155]) on health outcomes and access to care.

5.4 Limitations

- **Causal Inference:** Many studies are cross-sectional, limiting the ability to infer causality.
- **Geographic Bias:** A significant portion of studies focus on specific countries (e.g., China, India), limiting global generalizability.
- **Heterogeneous Metrics:** Diverse metrics and outcome definitions across studies hinder quantitative synthesis and direct comparison.
- **Subjective vs. Objective:** Reliance on perceived inequality in some studies may not fully capture objective economic disparities.
- **Underreported Data:** Some regions, particularly low-income countries, may have underreported data on health outcomes and economic indicators.

5.5 Future directions

- **Longitudinal Cohorts:** Establish long-term cohort studies to track impacts of inequality.
- **Intervention Trials:** Conduct randomized controlled trials of policy interventions.
- **Cross-Cultural Comparisons:** Expand research to underrepresented global regions.
- **Multidimensional Measurement:** Develop standardized measures for objective and subjective inequality.
- **Policy Impact Analysis:** Evaluate real-world policy effects on inequality and outcomes.

6) Conclusion

A synthesis of current research indicates that economic inequality is a pervasive determinant of adverse outcomes across diverse domains, including individual well-being, public health, environmental sustainability, and societal stability. For instance, economic inequality was associated with a 22% increase in the relative risk of child mortality in urban areas [47]. This widespread impact underscores that economic inequality is not merely an economic issue but a fundamental driver of disparities affecting populations globally, from individual mental health to systemic climate action. The primary limitation affecting certainty is the prevalence of cross-sectional designs, which often preclude strong causal inferences. To address this, a concrete next step is to conduct longitudinal cohort studies that track the long-term effects of economic inequality and evaluate the efficacy of targeted policy interventions across diverse populations.

References

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Figure 1. Publication-year distribution of included originals

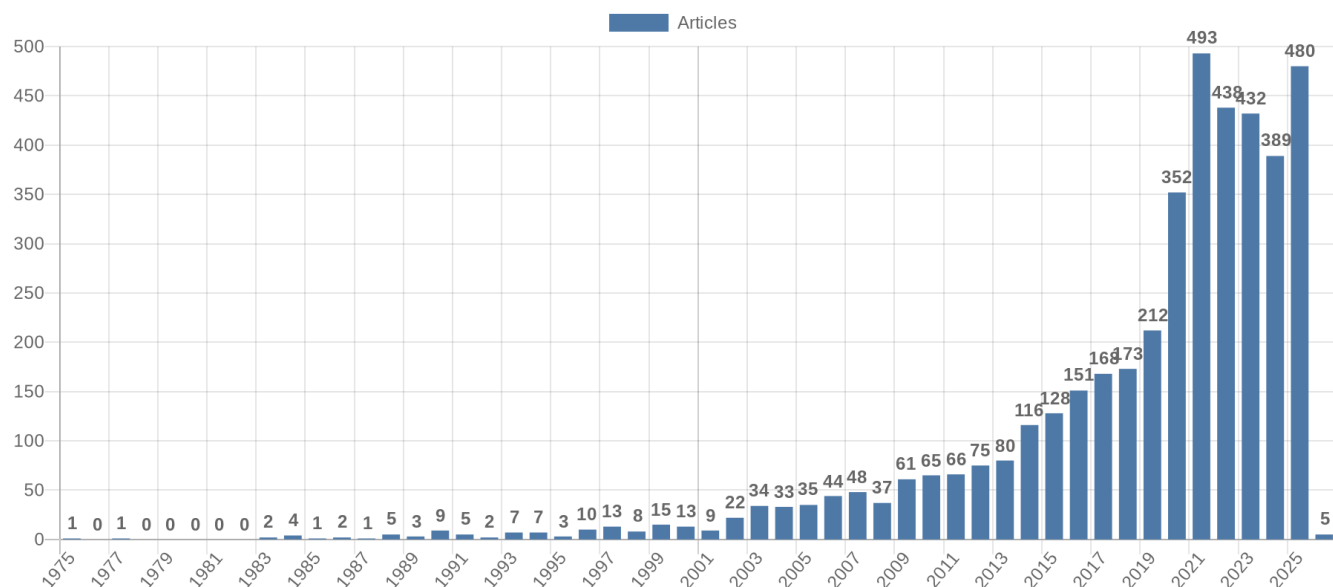


Figure 2. Study-design distribution of included originals

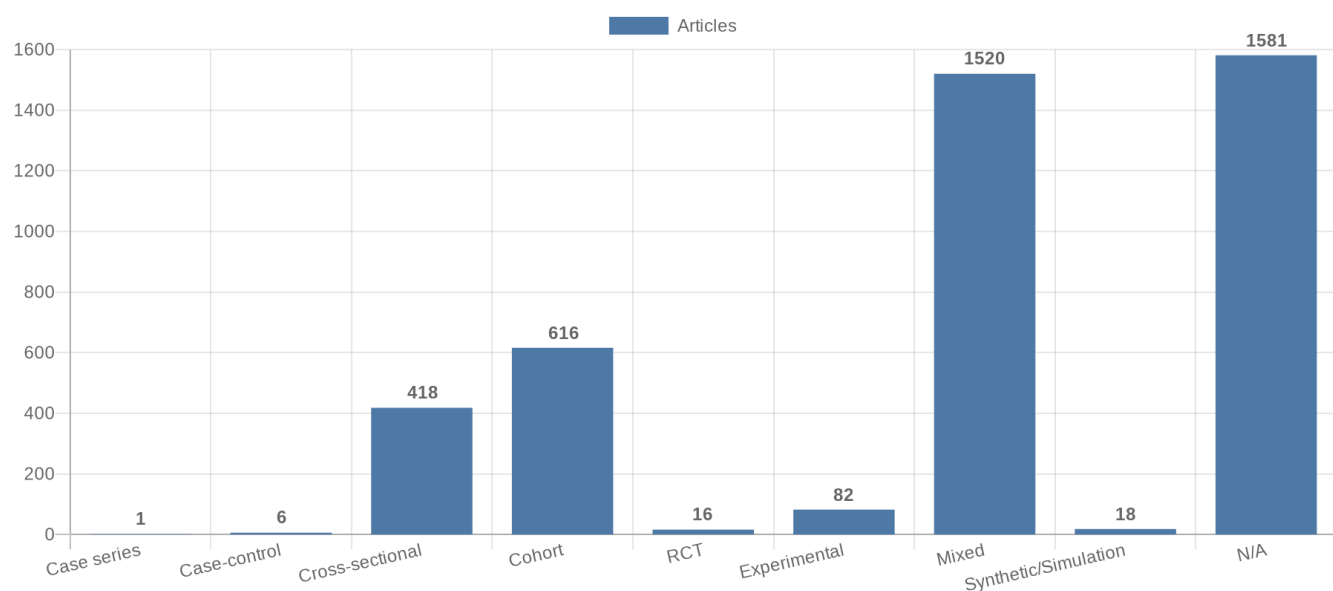


Figure 3. Study-type (directionality) distribution of included originals

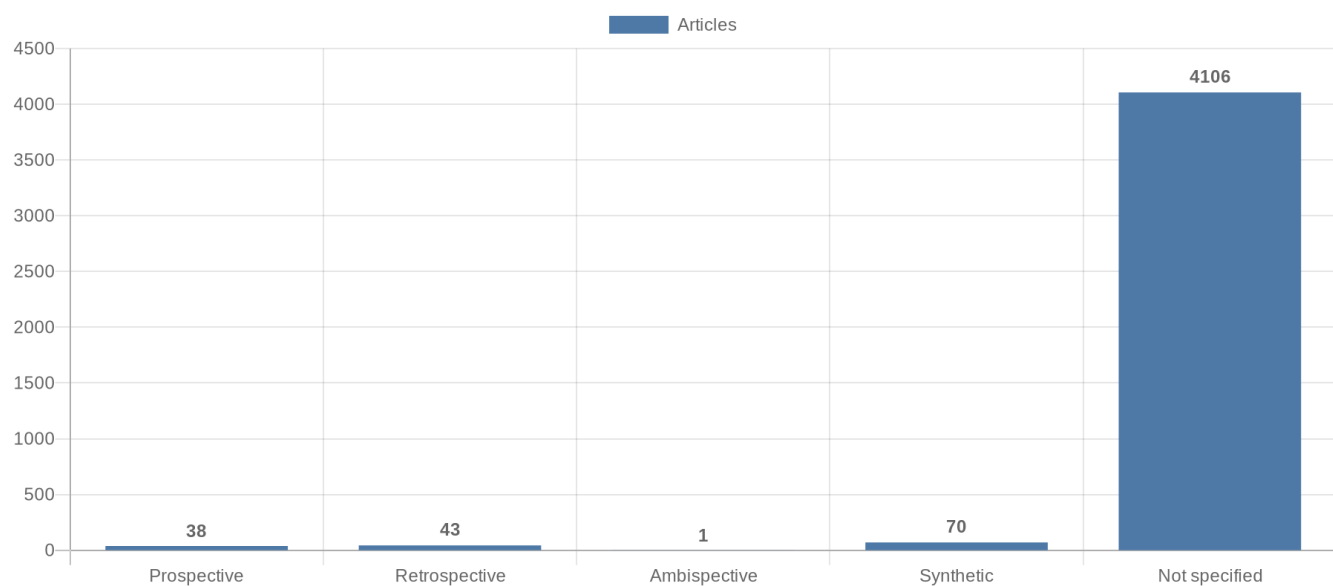


Figure 4. Main extracted research topics

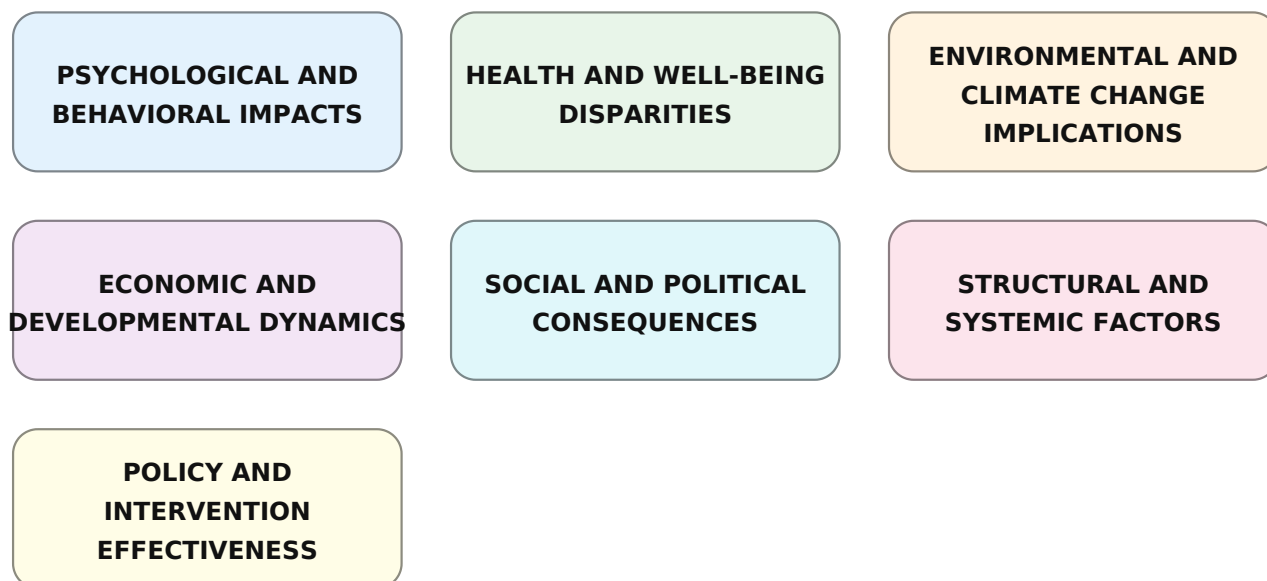


Figure 5. Limitations of current studies (topics)

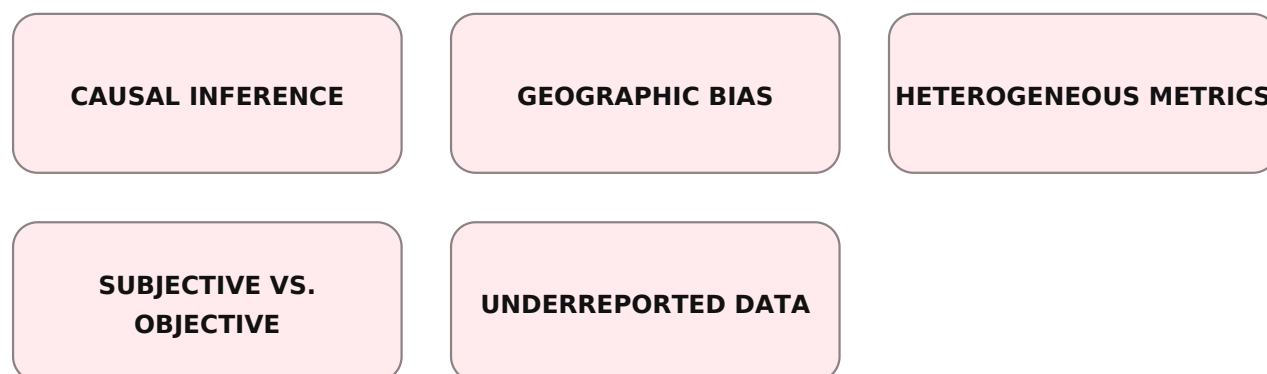


Figure 6. Future research directions (topics)

