

**Supplementary materials 1: Definition of income groupings**

Definition of income groupings has been sourced from the World Bank and is based on gross national income (GNI): <https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups>

**Low-income:** Low-income economies are defined as those with a GNI per capita, calculated using the World Bank Atlas method, of \$1,025 or less in 2018.

**Lower-middle income:** Lower-middle income economies are defined as those with a GNI per capita, calculated using the World Bank Atlas method, between \$1,026 and \$3,995.

**Upper-middle income:** Upper-middle income economies are defined as those with a GNI per capita, calculated using the World Bank Atlas method, between \$3,996 and \$12,375.

**High-income:** High-income economies are defined as those with a GNI per capita, calculated using the World Bank Atlas method, of \$12,376 or more.

**Supplementary materials 2:** Search terms and strategy as devised for MEDLINE

- 1 exp Colorectal Neoplasms/
- 2 bowel cancer.mp.
- 3 early diagnosis/ OR "early detection of cancer"/
- 4 Mass Screening/
- 5 (f\$cal occult blood test OR fobt OR f\$cal immunochemical test OR fit OR colonoscopy OR sigmoidoscopy).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
- 6 Developing Countries/
- 7 (Angola\* OR India\* OR Papua New Guinea OR Bangladesh\* OR Indonesia\* OR Philippin\* OR Bhutan OR Kenya\* OR Sao Tom\* OR Bolivia\* OR Kiribati OR Senegal\* OR Cabo Verde\* OR Kyrgyz\* OR Solomon Island\* OR Cambodi\* OR Lao\* OR Sudan\* OR Cameroon\* OR Lesotho OR Timor Leste\* OR Comoros OR Mauritania\* OR Tunisia\* OR Congo OR Micronesia OR Ukrain\* OR Cote d'Ivoire OR Moldov\* OR Uzbekistan\* OR Djibouti OR Mongolia\* OR Vanuatu Egypt\* OR Morocc\* OR Vietnam\* OR El Salvador OR Myanmar\* OR Gaza\* OR Eswatini OR Nicaragua\* OR Zambia\* OR Ghana\* OR Nigeria\* OR Zimbabwe\* OR Honduras\* OR Pakistan\* OR Argentin\* OR Paraguay\* OR Mexic\* OR Venezuel\* OR Costa Rica\* OR Cuba\* OR Jamaica\* OR Guatemala\* OR Peru\* OR Dominican Republic\* OR Ecuador\* OR Colombia\* OR Brazil\* OR Chin\* OR Sri Lanka\* OR Malay\* OR Thai\* OR Turk\* OR Iran\* OR Albania\* OR South Africa\* OR Maurit\* OR Namib\* OR Algeria\* OR Botswana\* OR Bulgaria\* OR Fiji\* OR Gabon\* OR Nauru\* OR American Samoa\* OR Georgia\* OR North Macedonia\* OR Grenada\* OR Armenia\* OR Azerbaijan\* OR Guyana\* OR Romania\* OR Belarus\* OR Russia\* OR Belize\* OR Iraq\* OR Samoa\* OR Bosnia\* OR Herzegovina\* OR Serbia\* OR Jordan\* OR Kazakhstan\* OR Kosovo\* OR St Lucia\* OR Lebanon\* OR Grenadin\* OR Suriname OR Maldives OR Tonga\* OR Dominica OR Marshall Islands OR Turkmenistan OR Equatorial Guinea OR Tuvalu OR Montenegro\* OR Liby\* OR Afghan\* OR Guinea\* OR Sierra Leone OR Benin\* OR Haiti\* OR Somalia\* OR Burkina Faso\* OR Korea OR South Sudan\* OR Burundi\* OR Liberia\* OR Syria\* OR Central African Republic OR Madagascar\* OR Tajikistan\* OR Chad\* OR Malawi\* OR Tanzania\* OR Congo\* OR Mali\* OR Togo\* OR Eritrea\* OR Mozambique\* OR Uganda\* OR Ethiopia\* OR Nepal OR Yemen\* OR Gambia\* OR Guinea\* OR Rwanda\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

- 8 1 OR 2
- 9 3 OR 4 OR 5
- 10 6 OR 7
- 11 8 and 9 and 10
- 12 limit 11 to (English language and humans)