

| country     | Nar year | population            | population | years               | Existen   | gdpNomin             | gdpNomin             | gini      | Coeffic | humanDev | inflation | Ra        |
|-------------|----------|-----------------------|------------|---------------------|-----------|----------------------|----------------------|-----------|---------|----------|-----------|-----------|
| Afghanistan | 2022     | 0.013561669385385718  |            |                     |           | 0.016104             | 0.066121             |           |         |          |           |           |
| Albania     | 2022     | 0.000676              |            |                     |           | 0.0263751            | 0.058140615239396565 |           |         |          |           | -0.0031   |
| Algeria     | 2021     | -0.01232              | -0.11959   |                     |           | 0.032005             | 0.052876             |           |         |          |           | -0.03712  |
| Andorra     | 2020     | 0.001395              | -0.0745    |                     |           |                      |                      |           |         |          |           |           |
| Angola      | 2022     | -0.00039              |            | -0.20704            | 0.003112  | 0.022314             |                      |           |         |          |           | 0.2791624 |
| Armenia     | 2022     | -0.00088              |            | 0.5650581           | 0.032502  | 0.1334255            | -0.52236             |           |         |          |           | 0.1104746 |
| Austria     | 2022     | -0.00048              |            |                     | 0.035619  | -0.2683              |                      |           |         |          |           | 0.085336  |
| Azerbaijan  | 2022     | -0.00244              |            |                     | 0.0579444 | 0.12715133567601677  |                      |           |         |          |           | 0.2672640 |
| Barbados    | 2019     | 0.001296              | 0.074925   |                     | 0.0247247 | 0.008301             |                      |           |         |          |           | -0.15987  |
| Belarus     | 2022     | -0.00204              |            | 0.4852434           | 0.0476575 | 0.1050407417273665   |                      |           |         |          |           | 0.2856965 |
| Belgium     | 2022     | -0.00039              |            |                     | 0.044679  | -0.23265             |                      |           |         |          |           | 0.1364103 |
| Benin       | 2022     | -0.0046               |            |                     | 0.0325735 | 0.080151             |                      |           |         |          |           | -0.20646  |
| Bolivia     | 2022     | 7.893690277149812e    | 0.1312997  |                     | 0.03047   | 0.044566             |                      |           |         |          |           | -0.24498  |
| Botswana    | 2022     | 0.002707              |            |                     | 0.029412  | 0.03901              |                      |           |         |          |           | 0.2054608 |
| Brazil      | 2022     | -0.06081              |            | 0.2471155           | 0.2640412 | 0.04328              | -0.08304             |           |         |          |           | 0.0198017 |
| Bulgaria    | 2021     | 0.00262               | -0.10582   | 0.088256            | 0.0258338 | 0.000467             | -0.20487             |           |         |          |           | -0.15226  |
| Burkina_Fa  | 2022     | 0.002041              |            |                     | 0.0283755 | 0.065261             |                      |           |         |          |           | 0.3361433 |
| Burundi     | 2020     | 0.001418              | 0.0210004  | 0.11752928738141022 |           |                      |                      |           |         |          |           |           |
| Cambodia    | 2022     | -0.00187              |            | 0.0263547           | 0.027509  | 0.064282             |                      |           |         |          |           | -0.07536  |
| Cameroon    | 2022     | -0.01549              |            |                     | 0.024796  | 0.061579528355935054 |                      |           |         |          |           | -0.02879  |
| Canada      | 2022     | -0.00711              |            |                     | 0.079113  | -0.28949             |                      |           |         |          |           | -0.08161  |
| Central_Afr | 2022     | 0.00113               |            |                     | 0.0244612 | 0.07058              |                      |           |         |          |           | -0.06776  |
| Chile       | 2022     | 0.006037              |            | 0.6577533           | 0.0194439 | -0.03411             | -0.40188             |           |         |          |           | 0.1795871 |
| Colombia    | 2022     | -0.01219              |            | 0.4163093           | 0.033284  | 0.030465             | 0.1851387190107962   | 0.1048778 |         |          |           |           |
| Comoros     | 2019     | 0.000779              | 0.00529    | 0.020974            |           |                      |                      |           |         |          |           |           |
| Costa_Rica  | 2022     | 8.722740776384574e-05 |            |                     | 0.03242   | 0.0349893            | -0.28083             |           |         |          |           | 0.0341073 |
| Djibouti    | 2022     | 0.002411              |            | -0.92278            | 0.0262871 | 0.1042092807732542   |                      |           |         |          |           | -0.02028  |
| Dominican   | 2022     | 0.003008              |            |                     | 0.0351737 | 0.0111670            | -0.44946             |           |         |          |           | 0.044786  |
| Ecuador     | 2022     | 0.002866              |            | 1.7482564           | 0.0311840 | 0.040152             | -0.22832             |           |         |          |           | -0.08435  |
| Equatorial_ | 2022     | 0.001008              |            |                     |           |                      |                      |           |         |          |           |           |
| Estonia     | 2022     | 0.001243              |            | -2.32781            |           | -0.13383             |                      |           |         |          |           | 0.5395517 |
| Ethiopia    | 2022     | 0.048374              |            | -0.4262             |           | 0.067561             |                      |           |         |          |           | 0.2923363 |
| Fiji        | 2018     | 0.001152              | -0.10983   |                     | 0.025043  | 0.055665570069141745 |                      |           |         |          |           | -0.00525  |
| Finland     | 2022     | 0.000208              |            |                     | 0.0553126 | -0.33319             |                      |           |         |          |           | 0.033727  |
| France      | 2022     | -0.01302              |            | -0.01518            | -0.03813  | -0.31275             |                      |           |         |          |           | -0.04887  |
| Gabon       | 2022     | 0.001252              |            |                     | 0.0300486 | 0.042239             |                      |           |         |          |           | -0.18302  |
| Germany     | 2022     | -0.0163               |            |                     | 0.281599  | -0.18596             |                      |           |         |          |           | -0.20798  |
| Ghana       | 2022     | 0.004498              |            |                     |           | 0.055051318693016715 |                      |           |         |          |           | 0.8423198 |
| Guatemala   | 2022     | -0.00505              |            | -0.50154            | 0.04845   | 0.079551             |                      |           |         |          |           | -0.05434  |
| Guinea-Bis  | 2022     | 0.001547              |            |                     |           |                      |                      |           |         |          |           |           |
| Guyana      | 2022     | 0.001334              |            | -1.07795            |           |                      |                      |           |         |          |           |           |
| Haiti       | 2022     | 0.000764              |            | -1.04326            | 0.0225375 | 0.056086111831009866 |                      |           |         |          |           | 0.874866  |
| Honduras    | 2022     | 0.006536              |            |                     | 0.035158  | 0.064435             |                      |           |         |          |           | 0.035998  |

|             |      |          |                   |           |           |                      |           |           |           |
|-------------|------|----------|-------------------|-----------|-----------|----------------------|-----------|-----------|-----------|
| Hungary     | 2020 | -0.00074 | -8.40297          |           |           | -0.13289             | -0.11213  | 0.3537205 | -0.1827   |
| Iceland     | 2022 | 0.00137  |                   |           |           | -0.29986             |           |           | 0.056678  |
| India       | 2022 | 0.005979 |                   |           | 0.040327  | 0.056505             |           |           | -0.13014  |
| Indonesia   | 2022 | -0.06147 |                   |           | 0.1240585 | 0.050967             | -0.4501   |           | -0.16344  |
| Iraq        | 2022 | 0.022367 |                   | 0.7677858 | 0.0246223 | 0.013417307008910306 |           |           | -0.20642  |
| Italy       | 2022 | -0.02804 |                   | -0.39305  | 0.1334085 | -0.11067             |           |           | 0.050324  |
| Jamaica     | 2022 | 0.000854 |                   |           | 0.0271545 | 0.066662             |           |           | 0.1060945 |
| Japan       | 2022 | -0.01926 |                   | -0.29879  | 0.1709547 | -0.1306              |           |           | -0.12839  |
| Jordan      | 2021 | -0.00024 | -0.0867           |           | 0.024674  | 0.030885             |           |           | -0.29805  |
| Kazakhstan  | 2022 | -0.00112 |                   | 0.702067  | 0.092105  | 0.082915             |           |           | 0.2224887 |
| Kenya       | 2022 | -0.02453 |                   |           | 0.0167701 | 0.055836             |           |           | -0.11889  |
| Kiribati    | 2021 | 0.001439 | -0.07639          |           |           |                      |           |           |           |
| Kosovo      | 2022 | 0.000729 |                   |           | 0.0243380 | 0.041580770056069416 |           |           | 0.2229429 |
| Kuwait      | 2022 | -0.00099 |                   |           |           | 0.025868733026862545 |           |           | -0.08292  |
| Latvia      | 2022 | 0.001279 |                   |           | 0.0256848 | -0.04584             |           |           | 0.4502910 |
| Lebanon     | 2022 | 0.001671 |                   |           | 0.0277237 | 0.094818             |           |           | 1.5376493 |
| Liberia     | 2022 | -0.00019 |                   | -1.42679  | 0.0254272 | 0.071663             |           |           |           |
| Libya       | 2022 | -0.00194 |                   |           | 0.0338720 | 0.069243             |           |           | -0.2903   |
| Lithuania   | 2022 | 0.000752 |                   |           | 0.0313704 | -0.0239              |           |           | 0.5517867 |
| Luxembourg  | 2022 | 0.001325 |                   |           | 0.0216384 | -1.03608             |           |           | -0.05933  |
| Madagascar  | 2022 | 0.005857 |                   |           |           |                      |           |           |           |
| Malawi      | 2020 | -0.00832 | -0.06209          | -0.71993  | 0.0250179 | 0.0702               |           | 0.1298883 | -0.09081  |
| Malaysia    | 2022 | -0.00557 |                   |           | 0.003542  | -0.04538             |           |           | -0.17256  |
| Maldives    | 2022 | 0.000871 |                   | 2.1260568 | 0.025392  | -0.08592             |           |           | -0.19878  |
| Mali        | 2022 | 0.004969 |                   |           | 0.0268624 | 0.066731             |           |           | 0.1277379 |
| Marshall_Is | 2022 | 0.001246 |                   |           |           |                      |           |           |           |
| Mauritius   | 2019 | 0.001135 | 0.069525          |           | 0.028884  | 0.11246631789138523  |           |           | -0.34453  |
| Monaco      | 2019 | 0.001393 | 5.488528605823345 |           |           |                      |           |           |           |
| Mongolia    | 2020 | 0.001191 | -0.12464          | 0.2679638 | 0.0244243 | 0.0467107230560077   | 0.4489991 |           | -0.45301  |
| Montenegro  | 2021 | 0.001262 | -0.11114          |           | 0.0243562 | 0.0123610            | -0.04116  |           | -0.15322  |
| Morocco     | 2022 | -0.00159 |                   |           | 0.015676  | 0.036018             |           |           | 0.017745  |
| Mozambique  | 2022 | 0.003873 |                   | -0.78096  | 0.0275719 | 0.071161             |           |           | 0.098396  |
| Myanmar     | 2022 | -0.03609 |                   |           |           |                      |           |           |           |
| Namibia     | 2020 | 0.000395 | -0.12436          |           | 0.0220420 | 0.0188294090157932   | -0.23566  |           | -0.20671  |
| Nauru       | 2020 |          |                   |           |           |                      |           |           |           |
| Nauru       | 2020 | 0.001419 | 0.064037          |           | 0.024268  | 0.017110458733686135 |           |           |           |
| Nepal       | 2022 | -0.00624 |                   | 1.1224033 | 0.0215007 | 0.0596697            | -0.57995  |           | -0.10291  |
| Nicaragua   | 2022 | 0.00481  |                   | 0.3533835 | 0.027824  | 0.066368             |           |           | 0.078611  |
| Niger       | 2022 | 0.008777 |                   |           | 0.031892  | 0.073749             |           |           | -0.64845  |
| Nigeria     | 2022 | -0.09673 |                   | -1.7816   | -0.0003   | 0.053821577334088655 |           |           | -0.0234   |
| Norway      | 2022 | 0.000449 |                   |           | 0.1634876 | 0.12380835791218825  |           |           | -0.05474  |
| Pakistan    | 2022 | -0.1048  |                   | -1.34599  | 0.039937  | 0.062119897517147415 |           |           | -0.10886  |
| Panama      | 2022 | 0.000978 |                   | -0.05885  | 0.049267  | 0.11982955713724269  |           |           | -0.15515  |
| Papua_New   | 2020 | 0.005475 | -0.11867          |           | 0.0282565 | 0.057763             |           | -0.02365  | -0.14569  |

|                      |      |                    |                    |                    |           |                      |                    |           |
|----------------------|------|--------------------|--------------------|--------------------|-----------|----------------------|--------------------|-----------|
| Paraguay             | 2022 | -0.00448           |                    | 0.05424            | 0.0230386 | 0.0374230            | 0.1479683832283385 | 0.082     |
| Peru                 | 2022 | 0.007431           |                    |                    | 0.043565  | 0.041656             | -0.24106           | 0.068304  |
| Portugal             | 2021 | -0.0008            | -0.09053           | 0.710675           | 0.035939  | -0.07445             | 0.1884456101914922 | -0.28049  |
| Qatar                | 2020 | 0.000534           | -0.05141           |                    | -0.06413  | -1.46662             | -0.09714           | -0.4256   |
| Romania              | 2022 | -0.00272           |                    | 0.5346681          | 0.037218  | -0.01107             |                    | 0.1680450 |
| Rwanda               | 2021 | 0.002302           | 0.042454           | -0.00029           | 0.0235707 | 0.06564              |                    | -0.43668  |
| San_Marino           | 2021 | 0.001404           | 0.0475691565667040 |                    | 0.0245523 | -0.02669             |                    |           |
| Senegal              | 2021 | -0.00475           | -0.09834           |                    | 0.0255509 | 0.067661             | -0.63053           | -0.18419  |
| Serbia               | 2022 | -0.00107           |                    |                    | 0.0246421 | 0.019499394779458445 |                    | 0.07114   |
| Sierra_Leone         | 2022 | -0.00115           |                    |                    | 0.0248010 | 0.06997              |                    | 0.480224  |
| Singapore            | 2022 | 0.000167           |                    |                    | 0.1395583 | -0.06007             |                    | -0.00519  |
| Slovenia             | 2021 | 0.00094            | -0.09312           | 1.3164378          | 0.025017  | -0.12424             | -0.26294           | -0.18489  |
| Somalia              | 2022 | 0.001583           |                    | -0.86113           | 0.031204  | 0.072474             |                    |           |
| South_Africa         | 2022 | -0.01723           |                    |                    | 0.0265002 | 0.027255872976885864 |                    | -0.05037  |
| South_Sudan          | 2022 | -0.00582           |                    | -0.9768            |           |                      |                    | -0.73751  |
| Spain                | 2022 | -0.00444           |                    | 1.0221697          | 0.1271617 | -0.07292             |                    | 0.1015326 |
| Sri_Lanka            | 2020 | -0.00524           | -0.01639           | 0.1639499012537885 |           |                      |                    |           |
| Sudan                | 2022 | -0.01721           |                    |                    | 0.0525398 | 0.085133             |                    | 3.5500849 |
| Suriname             | 2022 | 0.001163           |                    |                    |           |                      |                    |           |
| Sweden               | 2022 | -0.00087           |                    |                    | 0.035552  | -0.24399             |                    | 0.081264  |
| Switzerland          | 2020 | -0.00049           | -7.33583           |                    | -0.06393  | -0.67404             | 0.2420527          | 0.2516875 |
| Tajikistan           | 2022 | 0.005573           |                    | 0.2513197          | 0.028361  | 0.079285             |                    |           |
| Togo                 | 2022 | 0.002177           |                    |                    | 0.0278496 | 0.078503             |                    | 0.050012  |
| Tunisia              | 2020 | 0.002186           | -0.10123           | 2.0639412          | 0.022388  | 0.043274             | -0.41791           | -0.16932  |
| Turkmenistan         | 2022 | 0.006056           |                    | -0.08238           |           |                      |                    |           |
| Tuvalu               | 2021 | 0.001403           | -0.01062           |                    |           |                      |                    |           |
| Ukraine              | 2022 | 0.1259153922205502 |                    | -0.00228           | -0.01262  | 0.037829649876434335 |                    |           |
| United_Arab_Emirates | 2020 | -0.0006            | -0.0851            |                    | -0.14714  | -0.65611             | -0.14652           | -0.42173  |
| United_Kingdom       | 2022 | -0.01355           |                    | -1.70718           |           |                      |                    |           |
| Uruguay              | 2022 | 0.000774           |                    | -0.1402            | 0.0263665 | -0.02134             | -0.0002            | -0.08934  |
| Vanuatu              | 2020 | 0.001371           | -0.11743           |                    |           |                      |                    |           |
| Zambia               | 2022 | -0.00014           |                    | 0.05515            | 0.028296  | 0.07003              | -0.5632            | -0.09782  |
| Zimbabwe             | 2022 | 0.006962           |                    | -0.39345           | 0.0164598 | 0.038957504945877575 |                    | -4.18259  |

unemployngrossExteri meanDifferenceOfStdVals

|                    |                     |                      |
|--------------------|---------------------|----------------------|
| 1.3956106          | -0.08518            | 0.28124411445879977  |
| 0.946911           | -0.02668            | 0.16705422751451707  |
| 1.3076261          | -0.05244            | 0.16729060802118534  |
|                    | -0.03655            |                      |
| 1.5016843          | 0.4084636           | 0.2867589224538544   |
| 0.4144785          | 0.012503            | 0.093149             |
| -0.23146           |                     | -0.07586             |
| -0.1139            | 0.019235            | 0.059208             |
| 0.3797033800811007 | 0.054846            |                      |
| -0.48477           | 0.2195428           | 0.093767             |
| -0.13035           |                     | -0.03646             |
| -0.86009           | -0.04974            | -0.16803             |
| -0.48869           | 0.0215875           | -0.07225             |
| 3.095562           | -0.09934            | 0.5454678678969432   |
| 0.525857           | 5.0083882           | 0.7455798101540645   |
| -0.18234           | 0.2659127           | -0.02913             |
| -0.16838           | -0.02048            | 0.040493             |
|                    |                     | 0.046649             |
| -1.07912           | 0.084016            | -0.13631             |
| -0.46458           | 0.0170905           | -0.06756             |
| -3.21457           |                     | -0.70273             |
| 0.008843           | -0.10691            | -0.01161             |
| 0.3593298628999889 | 0.11230885335948039 |                      |
| 0.7609011          | 1.4941577           | 0.3766178900067125   |
|                    | 0.009014            |                      |
| 0.8999616          | 0.2243503           | 0.1350116874410762   |
| 3.5870514659197514 | 0.4628170888976661  |                      |
| -0.14              | 0.3089900           | -0.02662             |
| -0.45135           | 0.4166253           | 0.1843832498142307   |
|                    |                     | 0.001008             |
| -0.12808           |                     | -0.40978             |
| -0.49922           | 0.1279070           | -0.06487             |
|                    |                     | -0.00664             |
| 0.077031           |                     | -0.03338             |
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| 2.5391588          | -0.04323            | 0.3977408932238246   |
| -5.62082           |                     | -1.14989             |
| -0.57234           | 0.2843574           | 0.12277726585065714  |
| -0.5782            | 0.096932            | -0.1306              |
|                    |                     | 0.001547             |
|                    |                     | -0.53831             |
| 1.5062793          | -0.09419            | 0.18901182459780738  |
| 0.1339080          | -0.00556            | 0.045078477690836026 |

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-0.44638                -0.17205  
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-0.35612 -0.25905  
-0.86037  
0.2839366225458373 0.00857  
-0.05803  
-0.05262 -0.08004  
0.678763 0.004865 -0.54715