

Table S1: Prevalence and mortality of COVID-19 in 82 countries, the allelic frequency of the CCR5-Δ32 and other variables used in the study

| Country | Frequency of CCR5-Δ32 (%) | Prevalence (per 10 ⁶ population) | Mortality (per 10 ⁶ population) | Number of diagnostic tests performed (per 10 ⁶ population) | Human Development Index (HDI) |
|----------------------|---------------------------|---|--|---|-------------------------------|
| Afghanistan | 3.86 | 1334 | 56.0 | 5090 | 0.511 |
| Albania | 5.47 | 20275 | 411.0 | 89062 | 0.795 |
| Argentina | 9.40 | 35801 | 952.0 | 105970 | 0.845 |
| Armenia | 3.29 | 53745 | 952.0 | 200234 | 0.776 |
| Austria | 9.74 | 39947 | 689.0 | 422070 | 0.922 |
| Azerbaijan | 3.95 | 21472 | 259.0 | 215555 | 0.756 |
| Bangladesh | 15.20 | 3103 | 46.0 | 19500 | 0.632 |
| Belarus | 10.22 | 20564 | 151.0 | 422156 | 0.823 |
| Belgium | 9.92 | 55466 | 1674.0 | 594130 | 0.931 |
| Bosnia and Herzegovi | 8.09 | 33936 | 1238.0 | 156535 | 0.780 |
| Brazil | 5.44 | 35983 | 914.0 | 134070 | 0.765 |
| Bulgaria | 7.05 | 29221 | 1095.0 | 166904 | 0.816 |
| Cameroon | .70 | 978 | 17.0 | 5544 | 0.563 |
| Canada | 7.02 | 15337 | 412.0 | 363376 | 0.929 |
| Chile | 12.02 | 31719 | 865.0 | 336033 | 0.851 |
| China | .47 | 60 | 3.0 | 111163 | 0.761 |
| Colombia | 5.06 | 32113 | 845.0 | 159013 | 0.767 |
| Congo, DR | 2.50 | 1272 | 19.0 | 13027 | 0.480 |
| Croatia | 7.52 | 51519 | 958.0 | 249025 | 0.851 |
| Cuba | 7.07 | 1048 | 13.0 | 130412 | 0.783 |
| Czech Re | 10.68 | 67054 | 1087.0 | 352869 | 0.900 |
| Denmark | 12.32 | 28174 | 224.0 | 1821172 | 0.940 |
| Dominican Republic | 4.27 | 15665 | 221.0 | 79785 | 0.756 |
| Ecuador | 3.61 | 11954 | 789.0 | 42113 | 0.759 |
| Egypt | 2.93 | 1337 | 74.0 | 9681 | 0.707 |
| El Salvador | 9.05 | 7068 | 205.0 | 95594 | 0.673 |
| Eritrea | .26 | 370 | 0.8 | 6635 | 0.459 |
| Estonia | 15.63 | 21092 | 173.0 | 477291 | 0.892 |
| Ethiopia | .00 | 1068 | 17.0 | 15469 | 0.485 |
| Finland | 12.93 | 6512 | 101.0 | 444806 | 0.938 |
| France | 10.63 | 40100 | 989.0 | 535994 | 0.901 |
| Georgia | 4.24 | 57065 | 629.0 | 470744 | 0.812 |
| Germany | 11.10 | 20800 | 407.0 | 414703 | 0.947 |
| Ghana | 2.81 | 1745 | 11.0 | 21202 | 0.611 |
| Greece | 5.17 | 13355 | 465.0 | 325327 | 0.888 |
| Hungary | 11.19 | 33428 | 989.0 | 275409 | 0.854 |
| India | 2.09 | 7417 | 107.0 | 124060 | 0.645 |
| Indonesia | 3.53 | 2703 | 81.0 | 26748 | 0.718 |
| Iran | 4.02 | 14493 | 653.0 | 89515 | 0.783 |
| Iraq | 3.90 | 14636 | 315.0 | 111811 | 0.674 |
| Ireland | 12.37 | 18483 | 451.0 | 478239 | 0.955 |
| Israel | 10.58 | 46019 | 362.0 | 869479 | 0.919 |
| Italy | 6.27 | 34877 | 1227.0 | 440252 | 0.892 |
| Japan | 4.27 | 1824 | 27.0 | 38422 | 0.919 |
| Jordan | 2.71 | 28720 | 374.0 | 309687 | 0.729 |
| Kazakhstan | 10.28 | 8191 | 120.0 | 277938 | 0.825 |

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|----------------|-------|-------|--------|---------|-------|
| Kenya | 2.98 | 1774 | 31.0 | 19254 | 0.601 |
| Kyrgyzstan | 9.67 | 12319 | 206.0 | 90205 | 0.697 |
| Latvia | 15.09 | 21809 | 339.0 | 467601 | 0.866 |
| Lebanon | 2.54 | 26653 | 216.0 | 292040 | 0.744 |
| Lithuania | 12.07 | 52012 | 539.0 | 601676 | 0.882 |
| Luxembourg | 9.22 | 73846 | 789.0 | 2653941 | 0.916 |
| Macedonia | 5.17 | 39998 | 1201.0 | 192396 | 0.774 |
| Mexico | 6.81 | 10909 | 964.0 | 27751 | 0.779 |
| Moldova | 12.05 | 35942 | 741.0 | 138325 | 0.750 |
| Montenegro | 11.08 | 76813 | 1086.0 | 288502 | 0.829 |
| Morocco | 3.27 | 11828 | 199.0 | 120046 | 0.686 |
| Netherlands | 10.33 | 46460 | 666.0 | 336388 | 0.944 |
| Nigeria | 4.38 | 420 | 6.0 | 4543 | 0.539 |
| Norway | 16.41 | 9107 | 80.0 | 512352 | 0.957 |
| Pakistan | 2.86 | 2151 | 45.0 | 30023 | 0.557 |
| Peru 194 | 4.64 | 30574 | 1135.0 | 166330 | 0.777 |
| Philippines | 3.81 | 4297 | 84.0 | 61243 | 0.718 |
| Poland | 10.55 | 34230 | 755.0 | 190452 | 0.880 |
| Portugal | 6.97 | 40630 | 678.0 | 548976 | 0.864 |
| Romania | 8.76 | 32978 | 822.0 | 250227 | 0.828 |
| Russia | 10.87 | 21644 | 391.0 | 621027 | 0.824 |
| Serbia | 6.99 | 38755 | 368.0 | 263353 | 0.806 |
| Slovakia | 9.44 | 32877 | 392.0 | 261676 | 0.860 |
| Slovenia | 7.14 | 58775 | 1297.0 | 324385 | 0.917 |
| South Africa | 13.16 | 17713 | 477.0 | 110737 | 0.709 |
| South Korea | 2.22 | 1184 | 18.0 | 82155 | 0.916 |
| Spain | 8.14 | 41415 | 1087.0 | 577712 | 0.904 |
| Sri Lank | .54 | 2018 | 10.0 | 57607 | 0.782 |
| Switzerland | 9.41 | 52069 | 880.0 | 409748 | 0.955 |
| Thailand | 3.21 | 98 | 0.9 | 17426 | 0.777 |
| Tunisia | 3.87 | 11711 | 394.0 | 51829 | 0.740 |
| Turkey | 3.40 | 26047 | 246.0 | 288986 | 0.820 |
| Ukraine | 9.75 | 24198 | 425.0 | 128110 | 0.779 |
| United Kingdom | 11.78 | 36564 | 1080.0 | 806468 | 0.932 |
| Venezuela | 4.84 | 3999 | 36.0 | 85033 | 0.711 |
| Vietnam | 0.77 | 15 | 0.4 | 14641 | 0.704 |