

COVID'S IMPACT ON GLOBAL INVESTMENT OF SUPERMARKET FRANCHISE

Dataset from:

<https://www.kaggle.com/gpreda/covid-world-vaccination-progress>



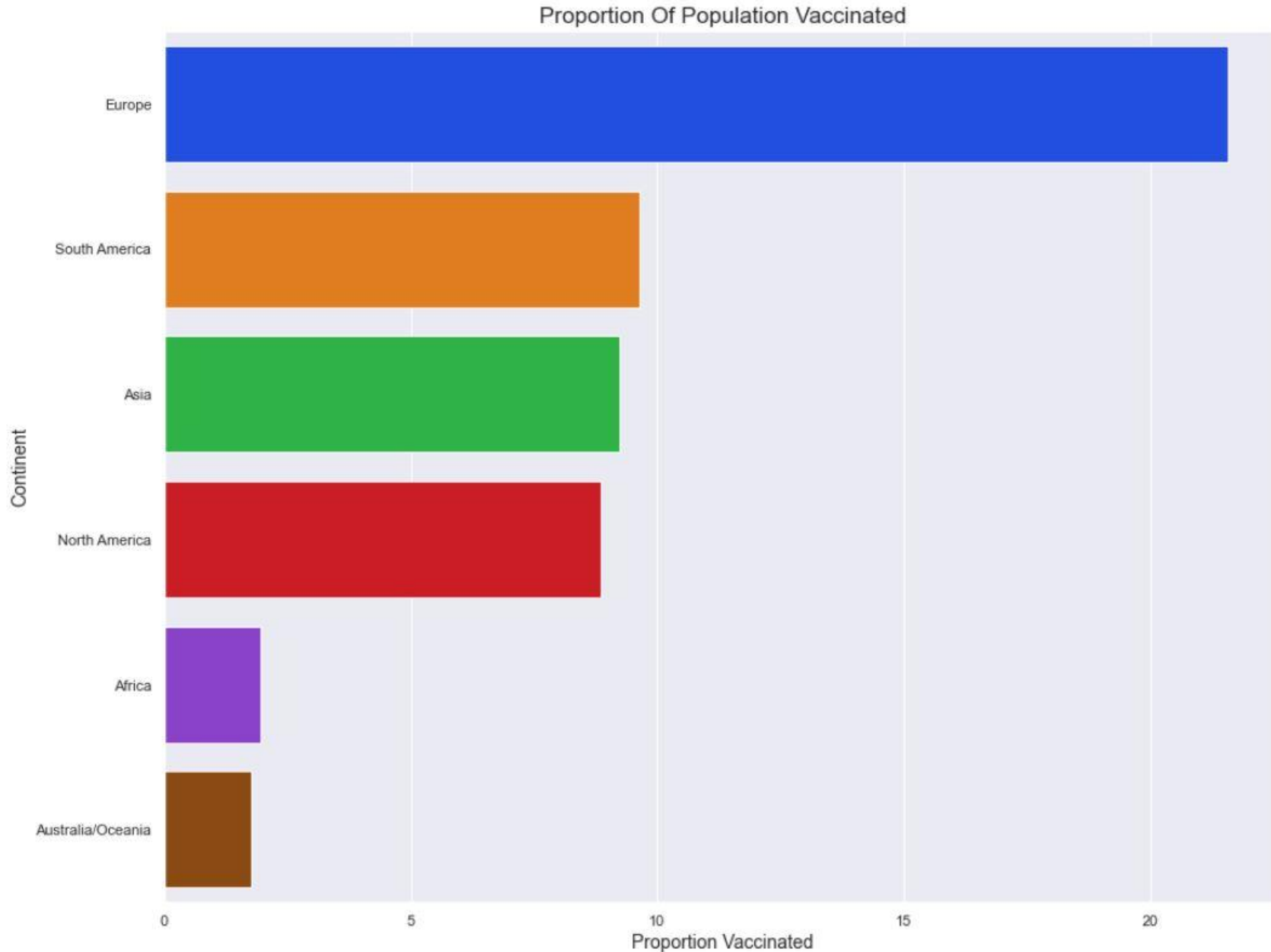
AGENDA

Walgreens is planning on investing in
5000 new supermarkets (high to low tier) in 10 countries
but is unsure where to invest
due to the covid situation.....

Main selection criteria (besides Covid situation) is population > 5mil



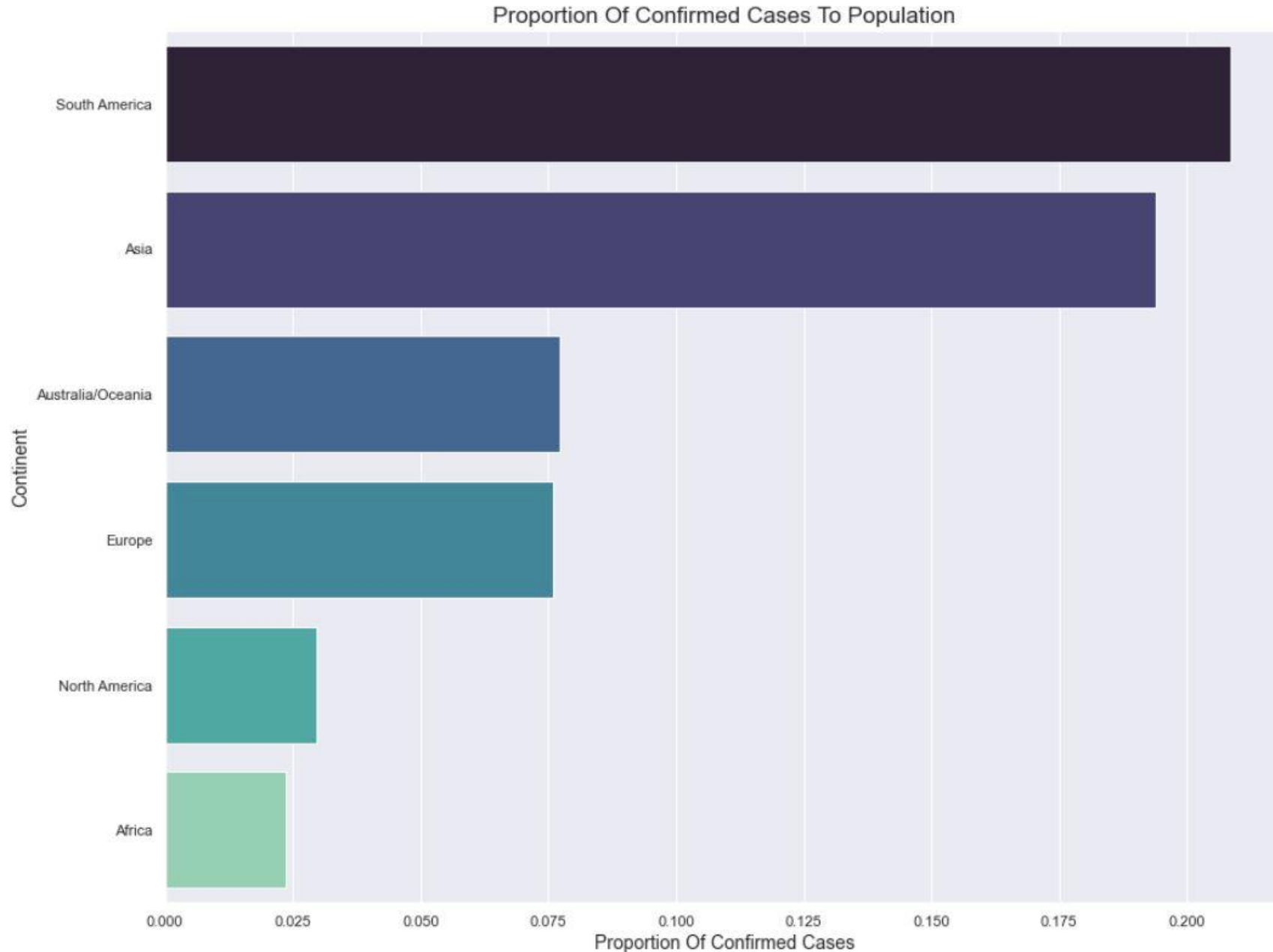
WHAT IS OVERALL SITUATION NOW REGARDING COVID? WE ARE THINKING OF INVESTING IN EUROPE



- Not a bad idea.
- Europe's vaccination rates are highest in the world.
- What about the rate of infection of Europe?



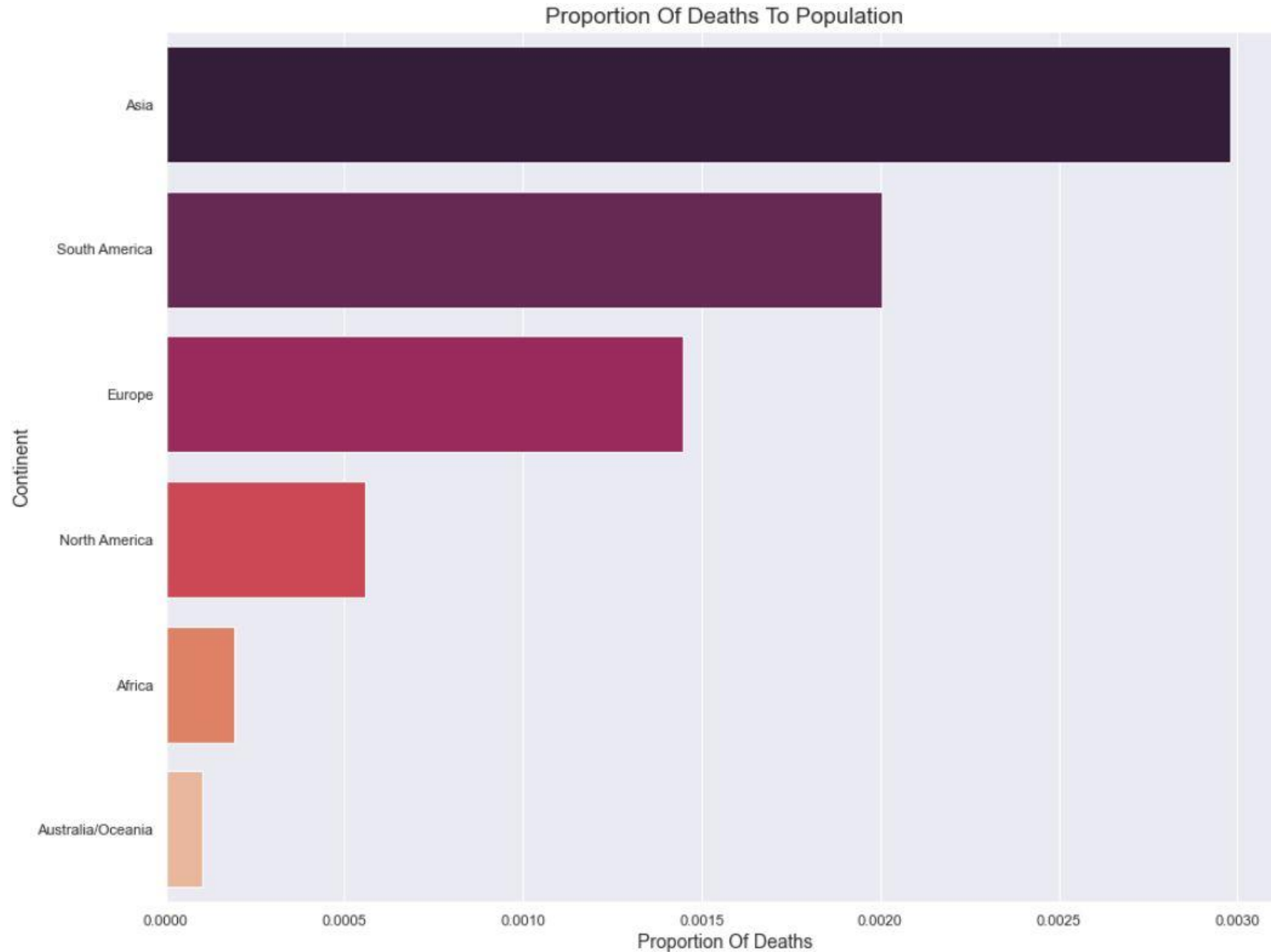
SOUTH AMERICA HAS HIGHEST INFECTION RATE SO FAR



- Rate of infection in Europe is also not that high.
- What about death rate due to covid complications?



ASIA HAS THE HIGHEST DEATH RATE SO FAR



- Europe comes in 3rd.
- How do you propose we do a shortlist? Our biggest concern is the covid situation. We need to make decent returns in 2 years.

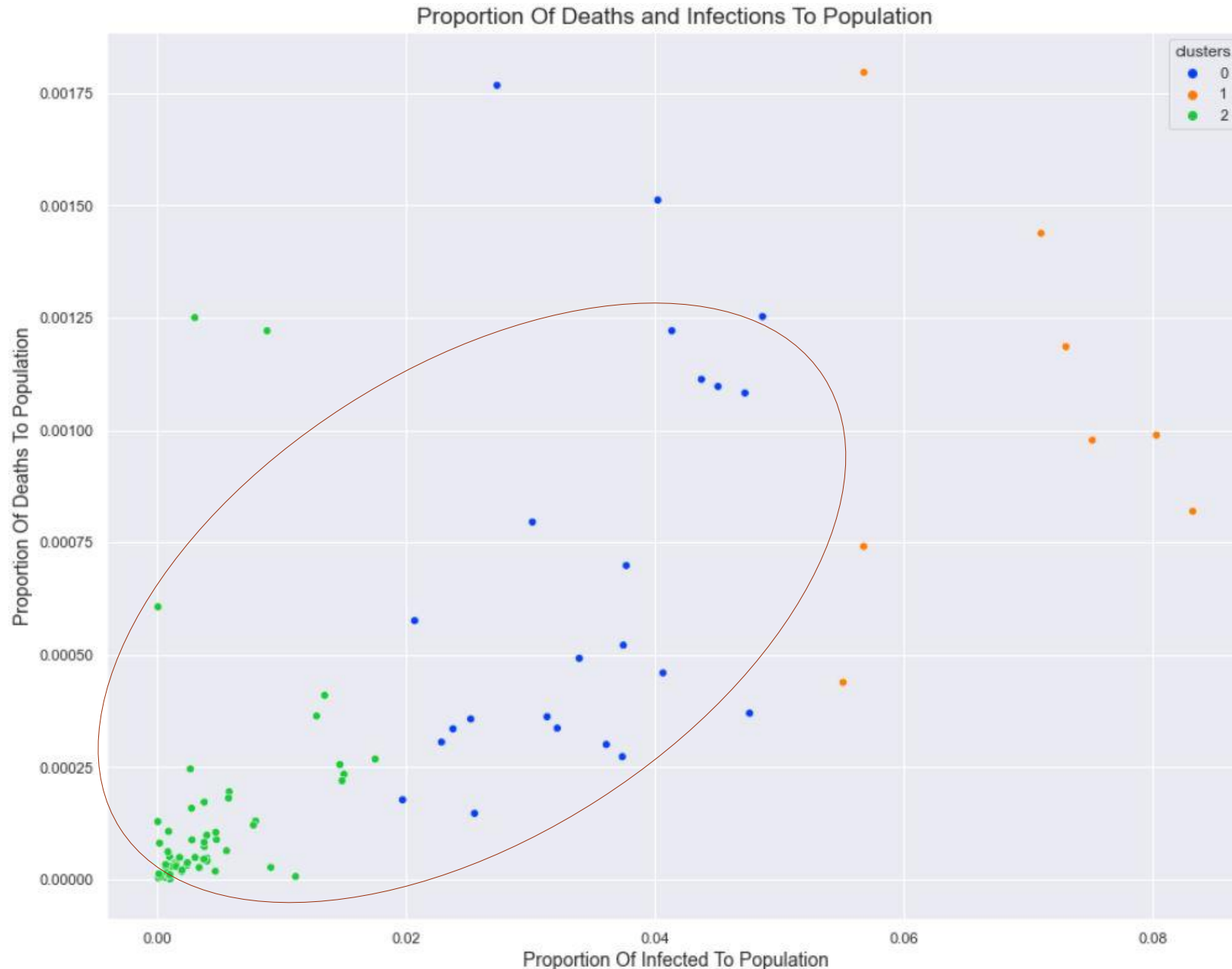


HERE IS WHAT I SUGGEST

- Consider only countries with population > 5 million people
- Remove the countries which has the highest infection and death rates
 - Then do the first targeted shortlist from the same criteria
- Do a further shortlist based on vaccination rates & test rates
- Do a final shortlist based on their latest GDP per capita & recovery rates
 - With the final list, you decide what to do with it



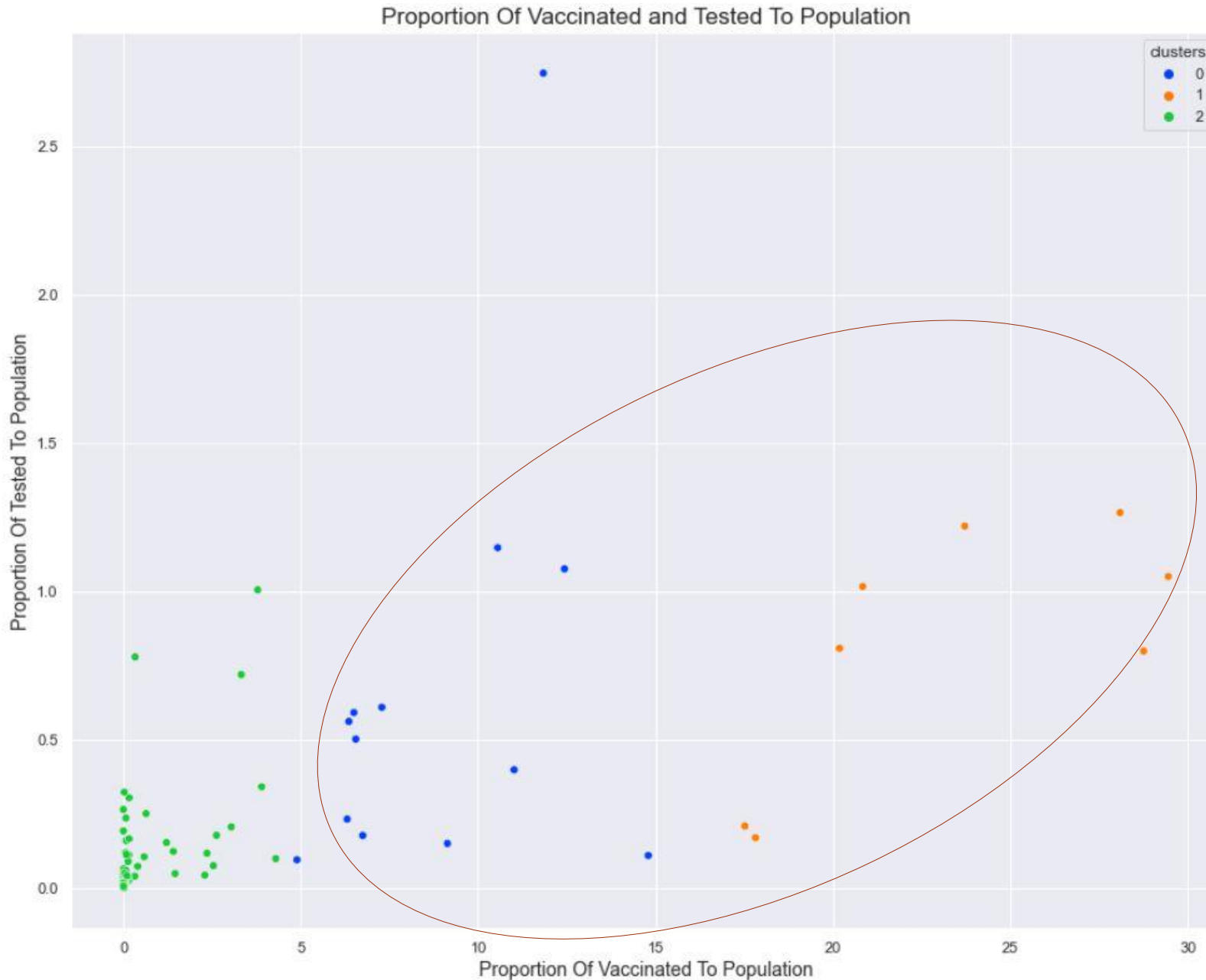
USING RATES OF INFECTION AND DEATHS



- Considering that countries must have at least 5mil people....
- We have shortlisted 90 from 180 based on infection rates.
- Each dot represents a country.
- The green dots are countries with the least infected cases and death cases.
- The yellow is the most.
- We shall shortlist the **green** and **blue** countries.
- **Ok! It is logical we do that!**



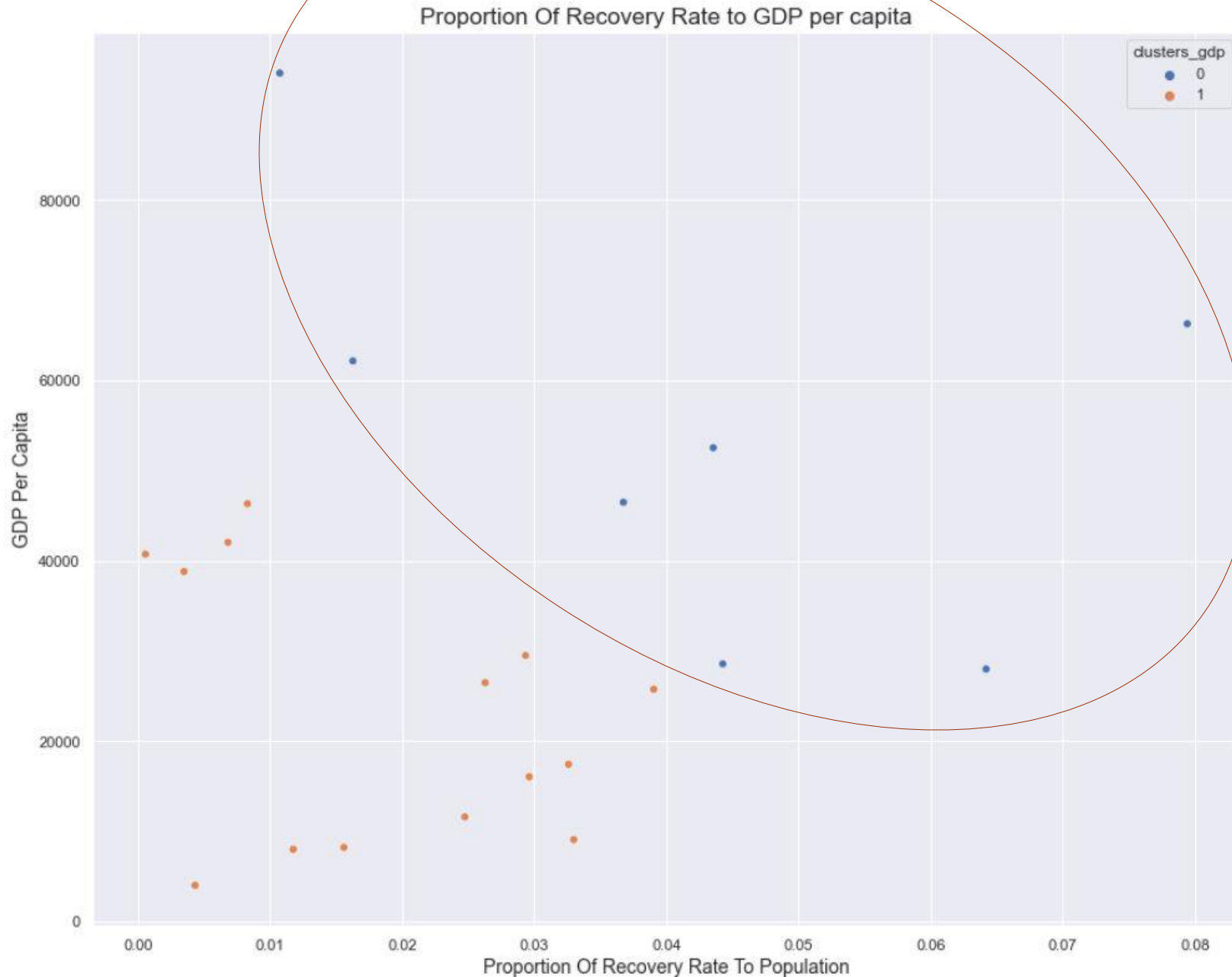
USING RATES OF VACCINATION AND TESTS



- We have further shortlisted 82 from 90 based on death & infection rates.
- The green dots are countries with the least vaccination rates.
- The yellow is the most.
- We shall shortlist the blue and orange countries.
- Yes! This time is to the right of the graph!



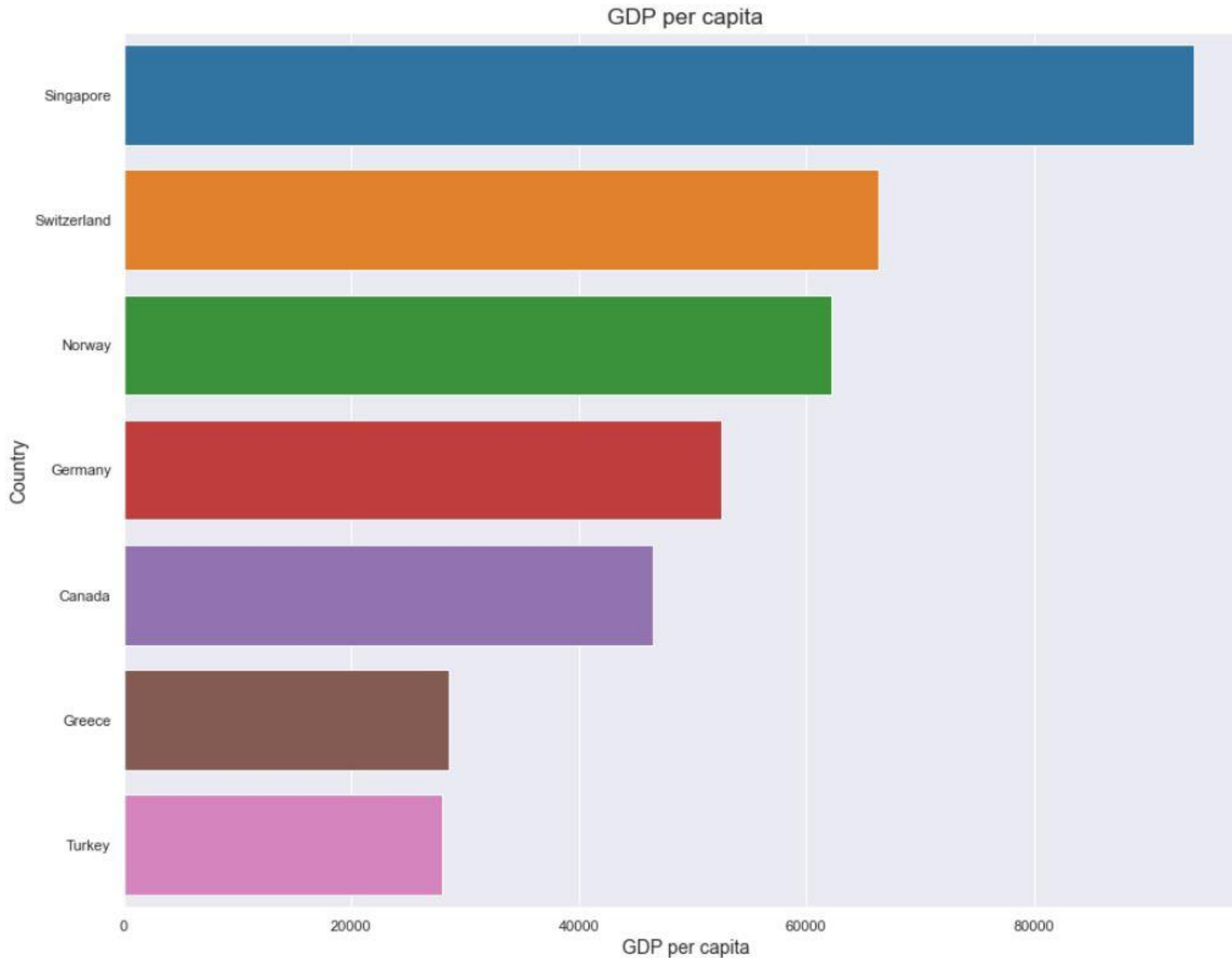
USING GDP PER CAPITA AND RECOVERY RATES



- We have shortlisted 21 from 82 based on vaccination rates.
- The blue dots are countries with the higher GDP Per Capita and strong Covid recovery rates, proving that these countries have stable medical infrastructures.
- We shall shortlist the blue ones (in red circle).
- Thank you. May I see the final list of countries?



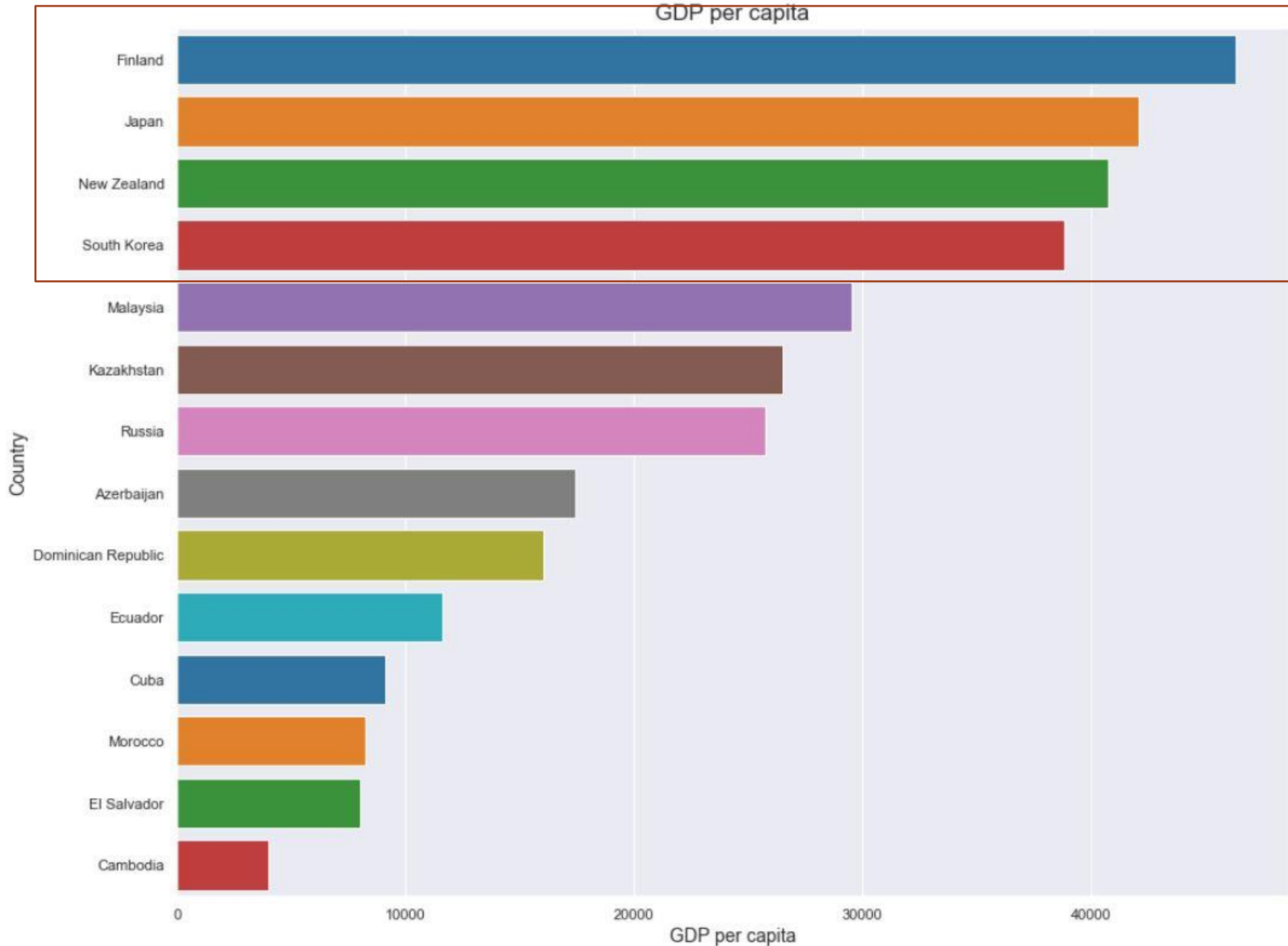
GROUP 0: THESE ARE THE GDP PER CAPITA RANKED !



- **PREFERRED GROUP**
- We have ranked these countries by their GDP Per Capital.
- Our final shortlist is 7 countries.



GROUP 1: THESE ARE THE GDP PER CAPITA RANKED !



- **LESS PREFERRED**
- We have ranked these countries by their GDP Per Capital.



THANK YOU!

