

COVID'S IMPACT ON GLOBAL INVESTMENT OF SUPERMARKET FRANCHISE

Dataset from:

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

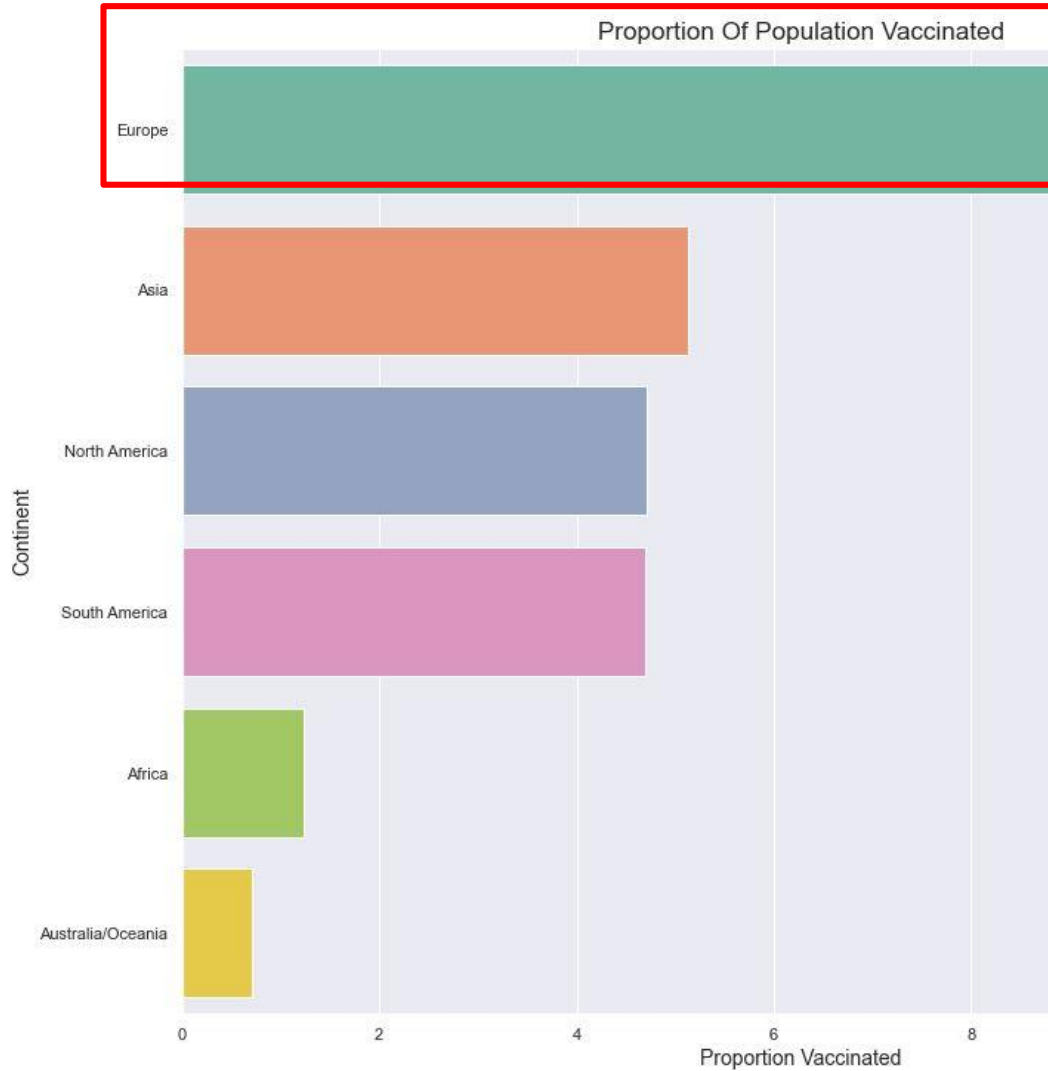


AGENDA

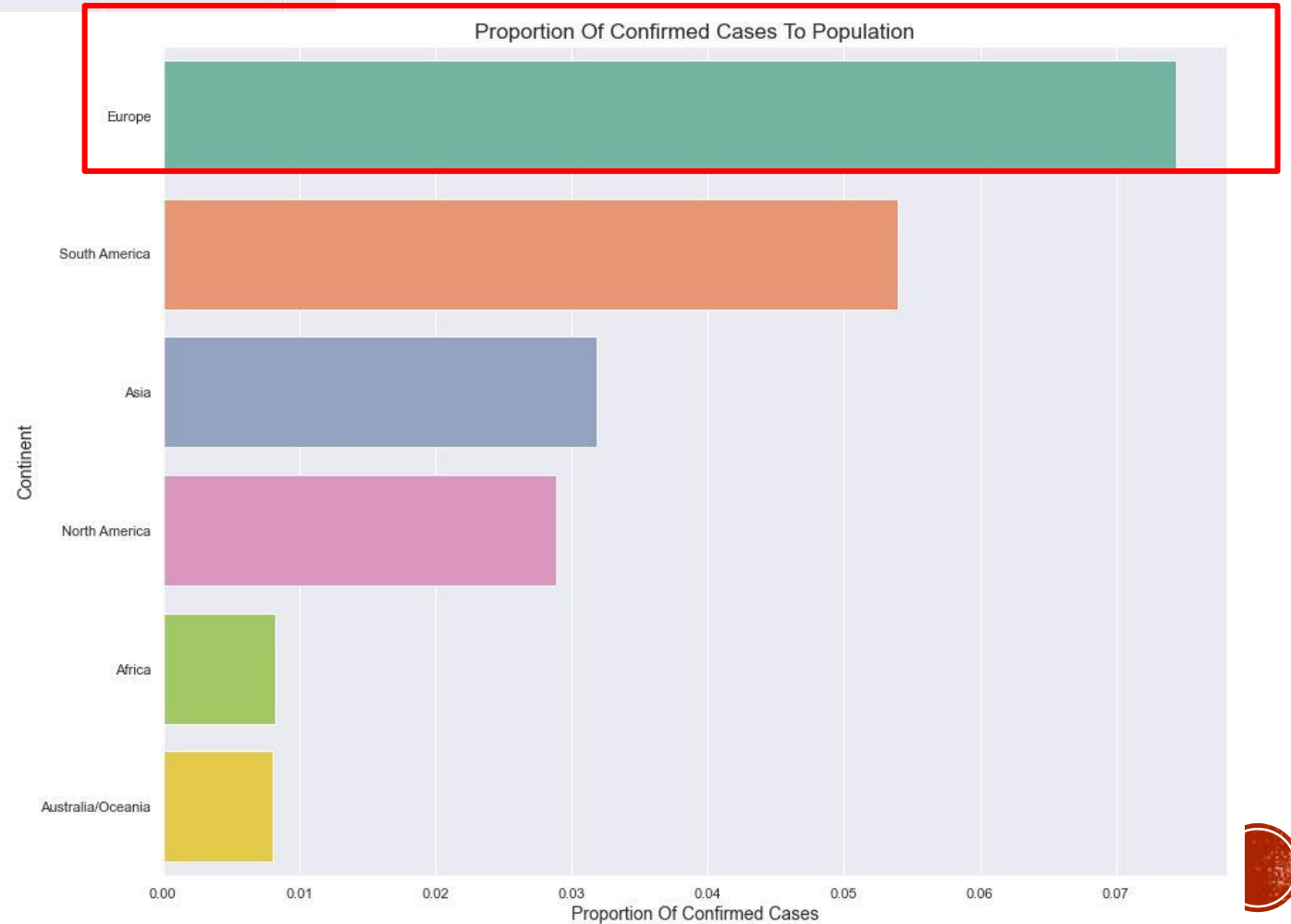
A franchiser is planning on investing in
500 new supermarkets (high to low tier) in 6 countries
but is unsure where to invest
due to the covid situation.....



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



- Europe has highest confirmed cases despite having the highest vaccination rates.



HERE IS WHAT WE NEED

- With a scale of category 1 to 5 (1 is lowest, 5 is highest)
 - Vaccination rate is at least #1
 - Confirmed cases at most #3
 - Population size is at least #3
- Must NOT include Africa & India!



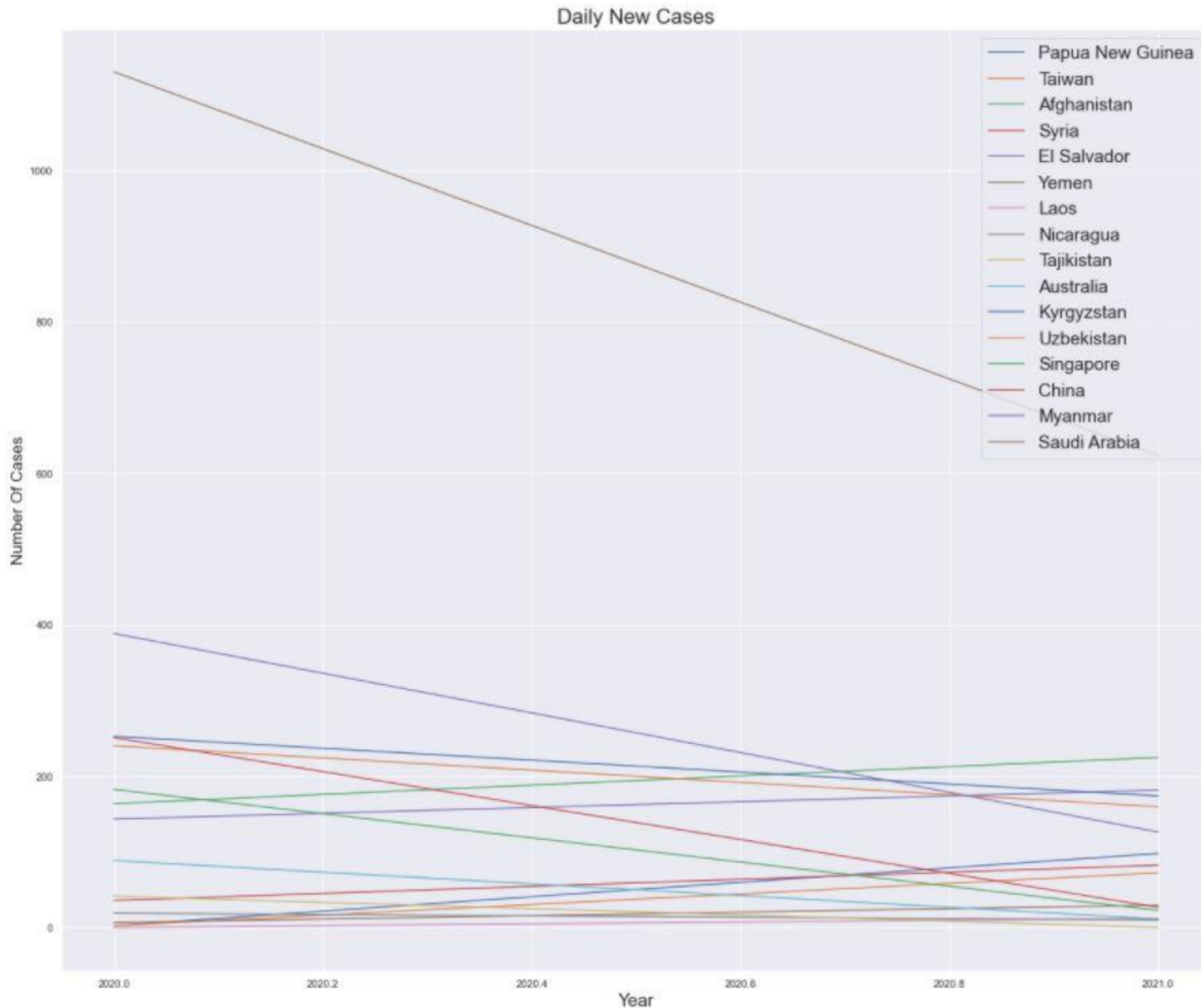
**CAN WE HAVE A CLOSER LOOK AT THESE COUNTRIES?
HOW WILL THE SITUATION BE IN THE FUTURE?
WILL THE CASES OR DEATHS GROW OUT OF PROPORTION?
THEN FROM THERE WE CAN NARROW DOWN THE CHOICES.**

Your selection criteria resulted 38 countries:

```
['Afghanistan', 'Australia', 'Bangladesh', 'Cambodia', 'China',  
'Cuba', 'Dominican Republic', 'Ecuador', 'El Salvador', 'Finland',  
'Guatemala', 'Honduras', 'Indonesia', 'Iraq', 'Japan',  
'Kazakhstan', 'Kyrgyzstan', 'Laos', 'Malaysia', 'Mexico',  
'Myanmar', 'Nepal', 'Nicaragua', 'Norway', 'Pakistan',  
'Papua New Guinea', 'Philippines', 'Saudi Arabia', 'Singapore',  
'South Korea', 'Sri Lanka', 'Syria', 'Taiwan', 'Tajikistan',  
'Thailand', 'Uzbekistan', 'Venezuela', 'Yemen'], dtype=object)
```



YES! WE NARROW DOWN BY FURTHER BY CONSIDERING THE FUTURE....

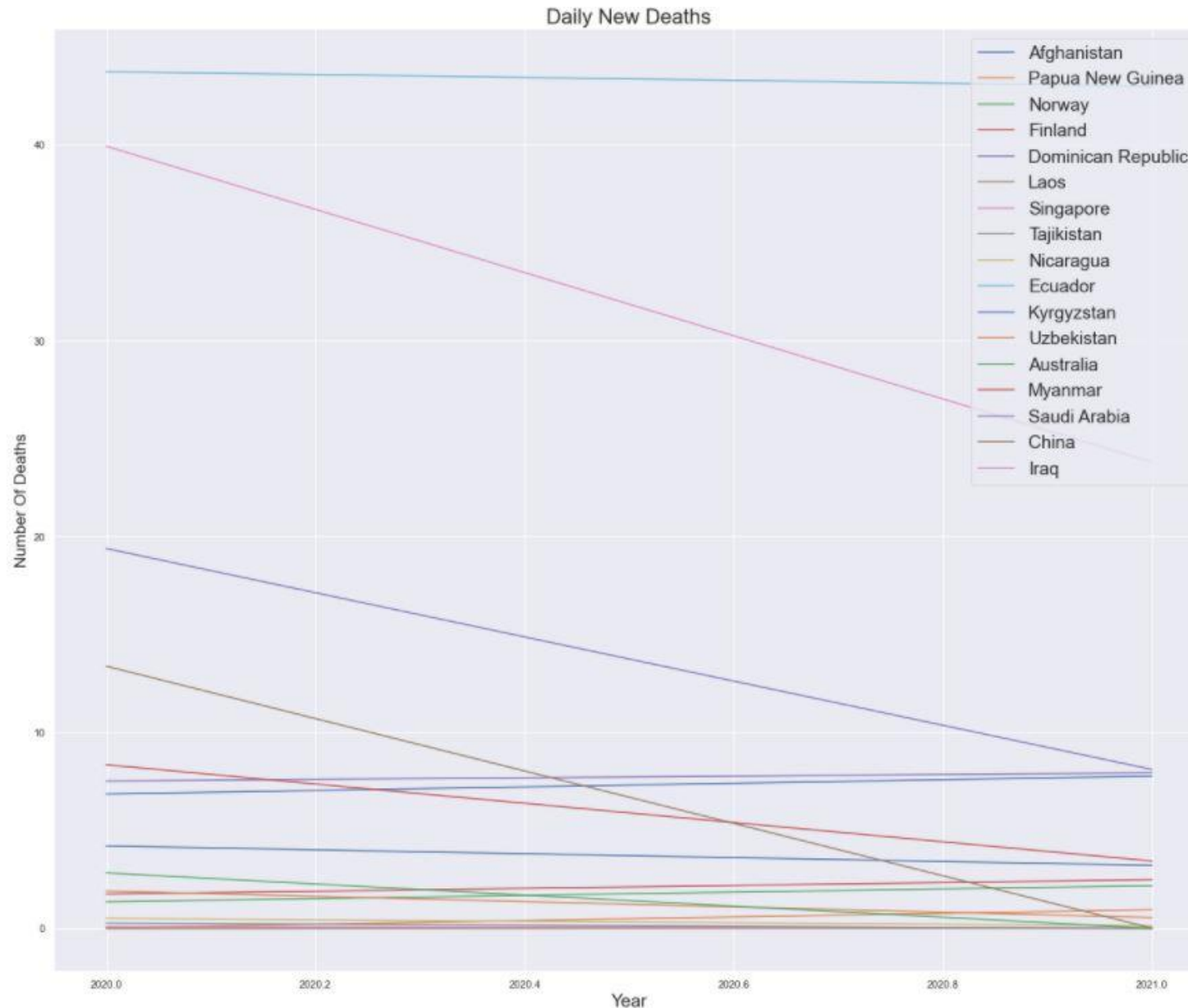


- We selected 16 countries from 38 based on the projection of **daily new cases** in the future.
- For instance, Taiwan will have 69 daily new cases....from today..

	Country	Daily New Cases
25	Papua New Guinea	95.4
32	Taiwan	69.8
0	Afghanistan	60.9
31	Syria	46.7
8	El Salvador	38.3
37	Yemen	22.8
17	Laos	11.8
22	Nicaragua	-8.9
33	Tajikistan	-41.3
1	Australia	-77.2
16	Kyrgyzstan	-78.6
35	Uzbekistan	-80.6
28	Singapore	-159.8
4	China	-224.1
20	Myanmar	-262.1
27	Saudi Arabia	-506.8



I SEE.... CAN I SEE SIMILAR COMPARISON FOR DAILY DEATH RATES ?

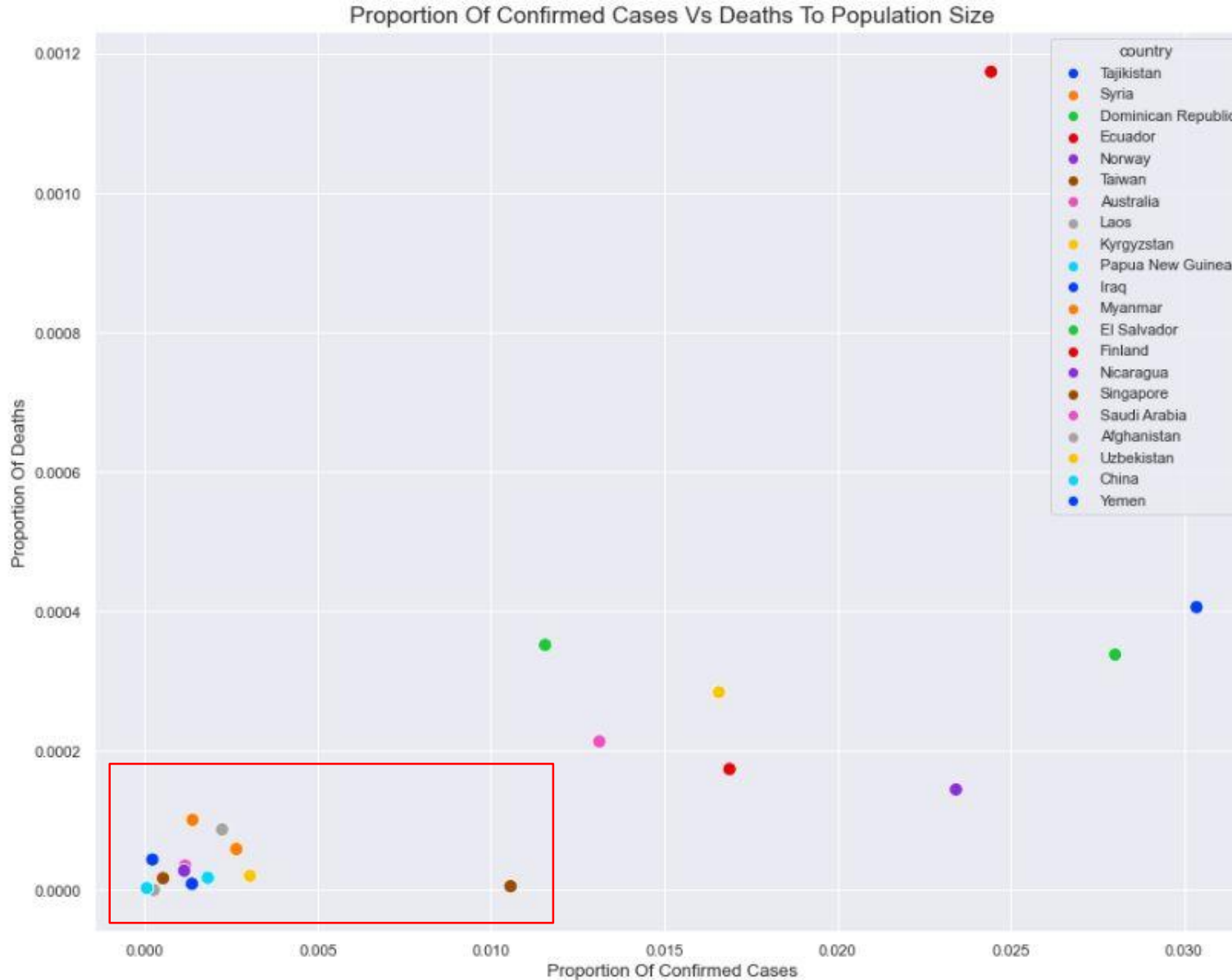


- These are projections for **daily new deaths** for 17 countries out of the 38.
- For instance Norway will have around 1 death a day.

	Country	Daily New Deaths
0	Afghanistan	0.9
25	Papua New Guinea	0.9
23	Norway	0.8
9	Finland	0.7
6	Dominican Republic	0.4
17	Laos	0.0
28	Singapore	-0.1
33	Tajikistan	-0.3
22	Nicaragua	-0.4
7	Ecuador	-0.7
16	Kyrgyzstan	-1.0
35	Uzbekistan	-1.4
1	Australia	-2.8
20	Myanmar	-4.9
27	Saudi Arabia	-11.3
4	China	-13.4
13	Iraq	-16.1



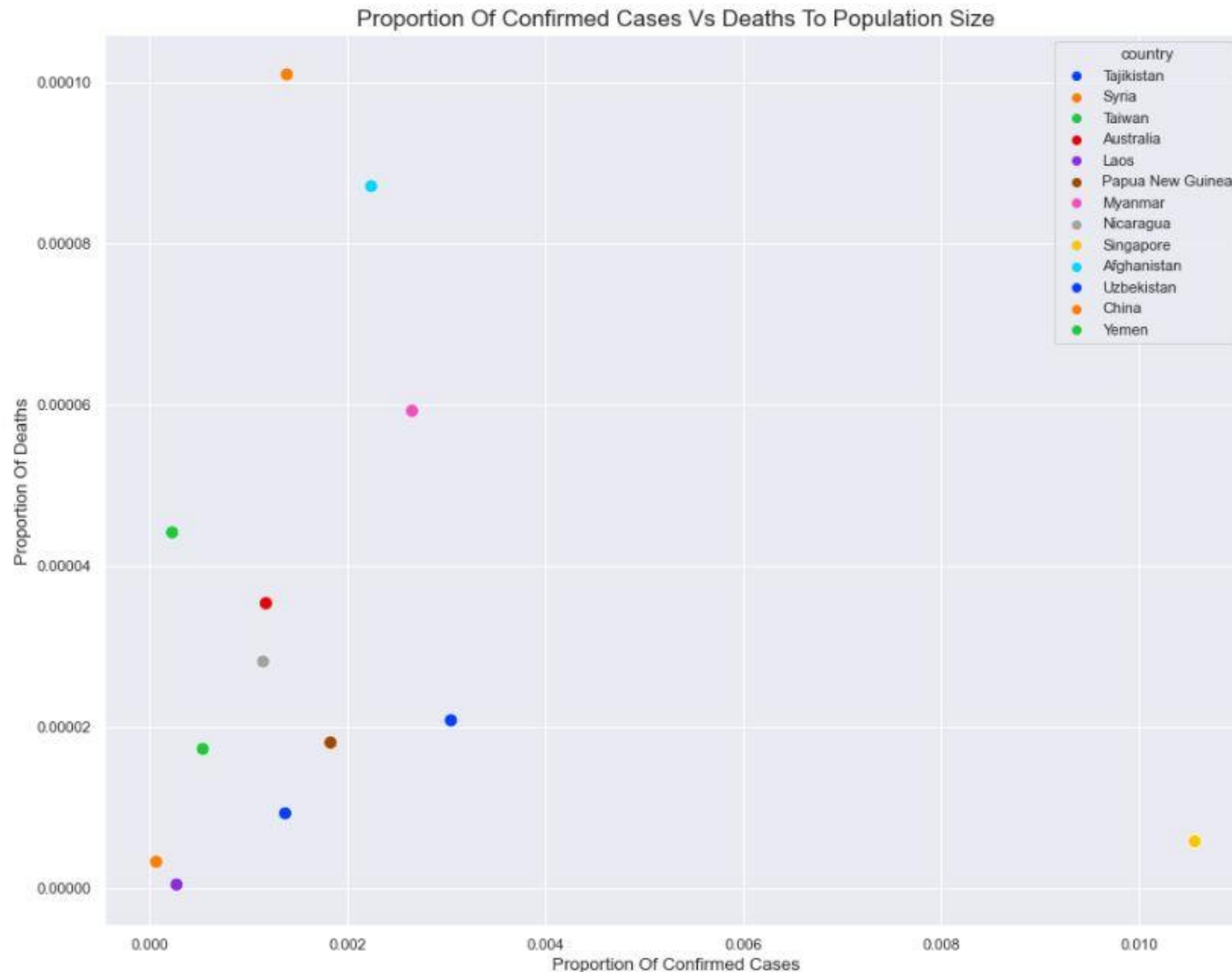
FROM THESE, LET'S NARROW DOWN FURTHER.....



- We can do a further shortlist based on the current situation...
- The **red box** represents the countries which has a lower confirmed cases and deaths relative to population size.



FROM THESE, LET'S FURTHER SHORTLIST 6 COUNTRIES.....



- Now that we have shortlisted to 13 based on covid situations, you can narrow it down further based on your own preferences.
- If you like you may wish to exclude **Afghanistan, Uzbekistan, Tajikistan, Yemen, Nicaragua & Myanmar** based on the current economic and political outlook.



THANK YOU!

