**PROBLEM SET #5**

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Problem 2:

**International organization:**

*World Health Organization (WHO)*

Description: *A united commission that collaborates across borders to keep the world healthy.*

Reliability: *very reliable*

**Government organization:**

*National Health Commission of the People’s Republic of China*

Description: *A governmental agency in China that manages the nation’s health.*

Reliability: *not very reliable. why because China. They have a bad track record with transparency.*

**News organization:**

*worldometer*

Description: *They get information from various governments and agencies around the world and they seem to be trusted by said organizations*

Reliability: *reliable*

Problem 11:

*1. There is a huge amount of cases. Up to around 8000 as far as the graph is concerned. I was under the impression that there was way more than that. Also, confirmed cases seems to be growing exponentially.*

*2. This graph is similar to that of confirmed cases, with the only real difference being that there is way less deaths reported, with roughly around 500 as of now.*

*3. This is similar to the previous two, except it is around 2000 as of now, and it seems to have the steepest curve, seeming to be accelerating faster than the other two. Maybe our response if actually working.*

Problem 13:

*Worldwide, all three cases are going up, and seem to be accelerating in their growth, which makes sense considering how fast the virus is spreading. Confirmed cases makes sense since it includes both deaths and recoveries as well as those who currently have it. And also, there have been more recoveries than deaths. Which is nice to see and makes sense since this virus has a “relatively low” fatality rate.*

Problem 16:

**Correlated Confirmed:**

'Germany', 'Spain', 'Czechia', 'Morocco', 'Romania', 'Belgium', 'Portugal'

*These are all European countries. As far as I know, at least most of them are in the EU. That means that they are probably infecting each other and probably have similar practices and responses to this crisis. To go off of that, they are really close to each other.*

**Correlated Deaths:**

'Turkey', 'US', 'Belgium', 'Brazil'

*They are all really big countries with large economies and trade. That’s probably what connects them. Also, at least for the US and Brazil, there are large disparities of rich and poor.*

**Correlated Recovered:**

'Belgium', 'Spain', 'Poland', 'Turkey', 'Iceland', 'Malaysia', 'Germany', 'Chile'

*I can’t think of a reason why these countries would be so similarly correlated. The only connection I see is between Germany and Spain who are beginning to loosen their COVID restrictions. I believe they’re past their peak. Maybe that’s the case for the rest of these nations.*