Update 1

Alina Gafanova

July 7, 2021

Each week starting now I will send a short update on what I've done during the last week and what I am currently working on. I will also include any questions, either abstract or specific to some of you, just to keep track of things.

Done: Started an Overleaf Draft for our Project

I will add all of you to an Overleaf draft where I store all the texts, tables and figures that I produce for this project. I cannot manage to add more than 1 collaborator, so once I figure it out, I will let you know. For now, I will just send you a current draft.

Done: Prioritising Countries

In Data/Disasters data/Emergency Events Database (EM-DAT) I explain in detail what EM-DAT is and why I use it to prioritise countries to optimise firm-level data search. Here, I just copy tables that have top-10 countries with most total occurrence rates of earthquakes (Table 1), floods (Table 2) and tropical cyclones (hurricanes and typhoons, Table 3) during 1900-2021. Countries in bold are countries that appear in more than 1 ranking. When I search for firm-level microdata, I focus most on the countries that are in top-10 for earthquakes and on the countries in bold.

Ongoing: Adding per Capita Disasters Occurrence

I will create the same tables for per-capita disasters once I download population data.

Table 1: Ranking Countries by Number of Earthquakes (1900-2021)

	Country	Number of Earthquakes (1900-2021)
1	**China**	197
2	**Indonesia**	134
3	Iran	131
4	Turkey	110
5	**Japan**	69
6	Peru	52
7	**USA**	45
8	Italy	43
8	Greece	43
10	**Mexico**	42

Table 2: Ranking Countries by Number of Floods (1900-2021)

	Country	Number of Floods (1900-2021)
1	**China**	307
2	**India**	306
3	**Indonesia**	241
4	**USA**	194
5	**Philippines**	154
6	Brazil	153
7	Pakistan	107
8	Afghanistan	97
9	**Bangladesh**	96
10	**Viet Nam**	95

Table 3: Ranking Countries by Number of Tropical Cyclones (1900-2021)

	Country	Number of Tropical Cyclones (1900-2021)
1	**Philippines**	339
2	**China**	168
3	**Japan**	145
4	**USA**	129
5	**India**	117
6	**Viet Nam**	103
7	**Mexico**	103
8	**Bangladesh**	93
9	Taiwan	82
10	Madagascar	60

Ongoing: Documenting Existing Microdata

In Data/Firm-level microdata I document both cross-country and country-specific datasets. Next week I will write a short summary of what I found out in general. If you are interested, you can already scroll through it.

Questions/tasks

1. Does anyone has experience working with Orbis database? (I think this question is more specific to Ishan)

2. To Stephanie: when you have time, could we talk and decide which data I will use for primary analysis? That would be very helpful!