

CIS 635 03 Project Progress Report (GJKS)

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Project Progress Overview

Completed tasks of our project include data acquisition and some data preprocessing and exploratory analysis. However, preprocessing and exploratory analysis have not been completed at this point. The following links has been utilized to collect our data:

- <https://fpma.fao.org/gIEWS/fpmat4/#/dashboard/tool/domestic>
- https://www.cepii.fr/CEPII/en/bdd_modele/bdd_modele_item.asp?id=37

Challenges

A significant challenge our team faced as we tried to gather data is finding enough quality data from the countries of focus for our project that went back far enough. As stated in our proposal, we are focusing on countries dependent on Ukrainian agricultural products, which limits what countries we are interested in. As well, we want data that goes back at least several years prior to the Russian invasion of Ukraine which happened in February of 2022 which has been a challenge.

We addressed these challenges by utilizing a trial-and-error approach in the FPMA data, retaining our focus on the countries of interest, and looking at their available data to gain a better scope.

Mapping major Ukrainian grain exports to the prices of the previous year (2024) may prove challenging since the BACI has not yet published data for that year.

Collaboration

Our group has had challenges in finding common times to meet. We have met three times so far with plans to meet weekly from now on. All group members have contributed meaningfully in varying ways, like brainstorming, finding sources, data acquisition, and data wrangling.

Next steps

Below we have outlined our remaining tasks in a timeline. While we believe that we have the data we need, potential challenges may arise in analysis due to the varying availability of data for different countries from our sources.

Week	Task	Goals
Week 12 3/24	Progress report due (Tuesday, 03/25) Meeting 3/28	Preprocessing & Exploratory analysis
Week 13 3/31	Meeting 4/4 @ 10am	Visualizations & Evaluation
Week 14 4/7	Meeting 4/11 @ 10am	Impact analysis of geopolitical events & Write up findings
Week 15 4/14	Final report due (Friday, 04/18) Meeting 4/18 @ 10am	Finalize project