

Group 13 - Data Analysis Research Question v001

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Network: We are working with the BACI dataset from Centre d'Etudes Prospectives et d'Informations Internationales, a government funded French economic institute. The dataset provides bilateral trade information for 200 countries, divided by product types.

Network is available for download here:

https://www.cepii.fr/CEPII/en/bdd_modele/bdd_modele_item.asp?id=37

We have decided to focus on the import and export of 250+ year old historical artifacts (product code 970610).

We are working based on the research question:

1. By turning a dataset of exports/imports of historical artifacts into a bipartite network(With country-nodes split into importer-nodes and exporter-nodes), what can we tell about the countries importing historical artifacts and the countries that are exporting historical artifacts?

Sub-questions:

- Can we find clusters of trade in historical artifacts, and what do these clusters tell us?
- Are certain countries vastly outselling others? Does this point to a selling of their history, or are they historically hoarders of artifacts?
- By looking at trade over time(comparing the most recent dataset to the oldest), which nodes grow the most?

Group Github repository:

https://github.com/poopiboi/NA_2024_3rdSemesterProject_AllAboutNetworks