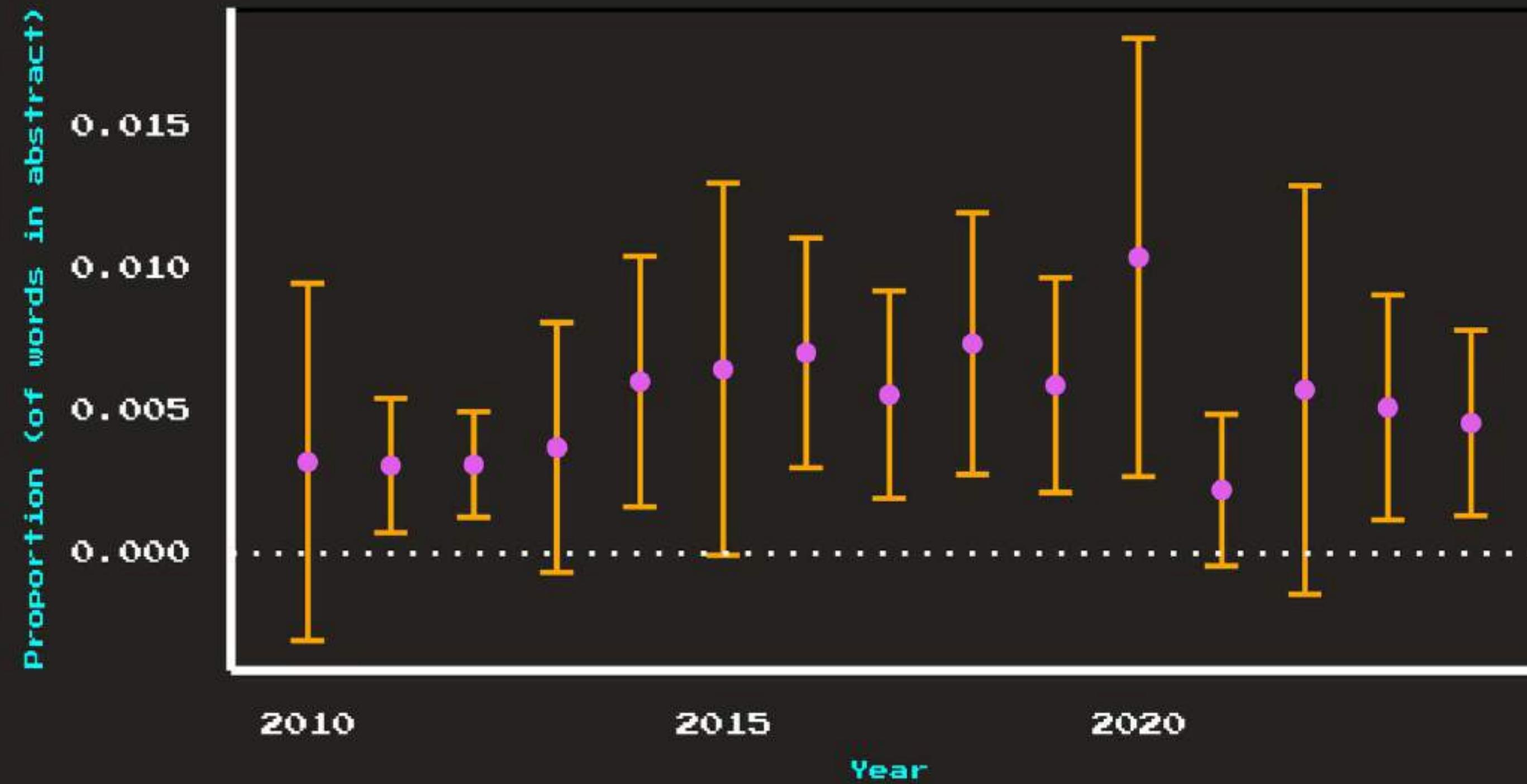


ROAD OF TRIALS

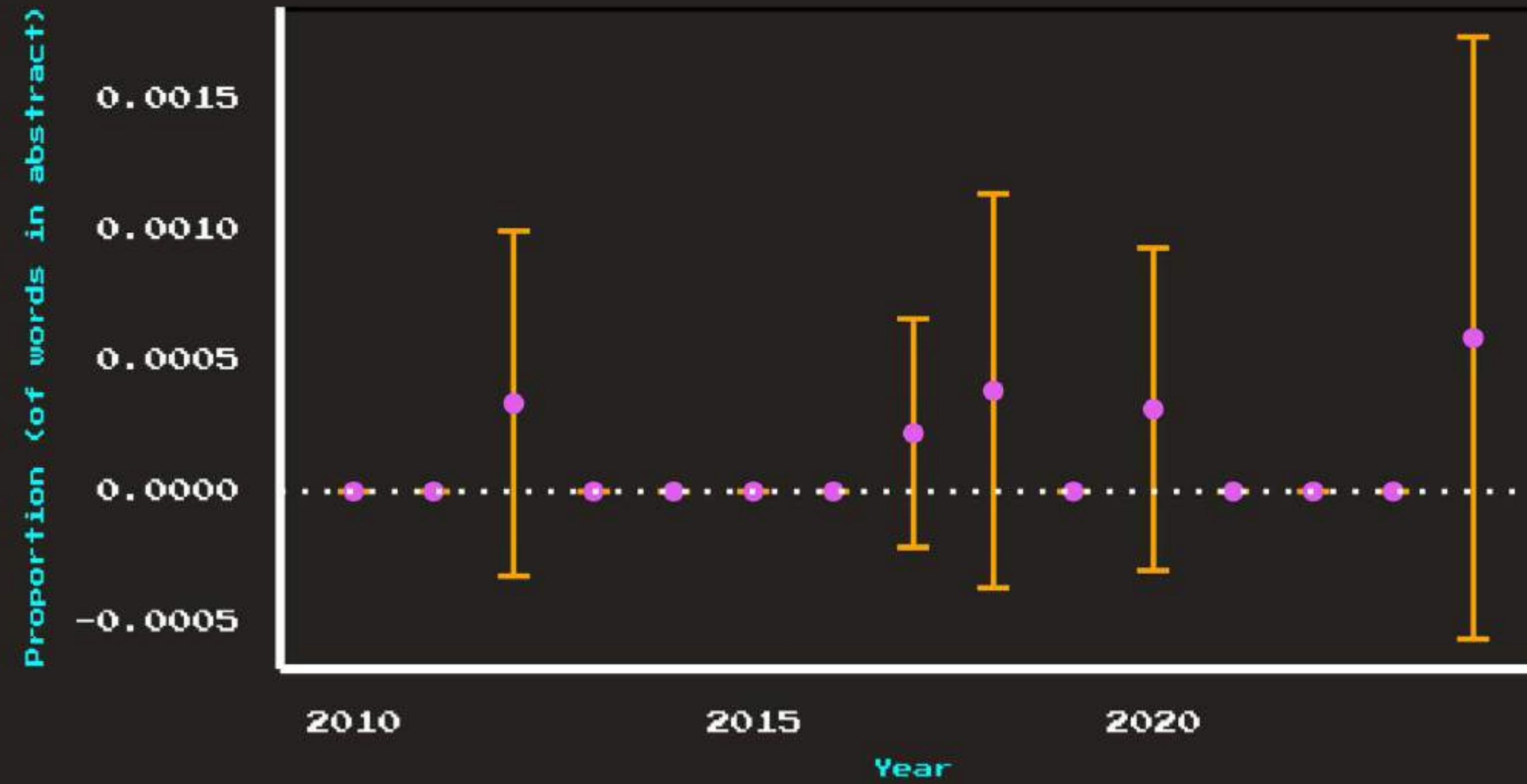
Description: These figures depict the mean proportion of dissertation abstracts which use certain keywords---“policy” and “econometric”. For each dissertation, we compute the share of the abstract which is the keyword and compute statistics for each year.

Challenge: The use of “policy” serves as a proof-of-concept while “econometric” shows the difficulty in making inferences when sample sizes are small. While we have ~200 dissertations, we only have ~10 dissertations per year, making a robust time series analysis challenging.

Keyword: POLICY



Keyword: ECONOMETRIC

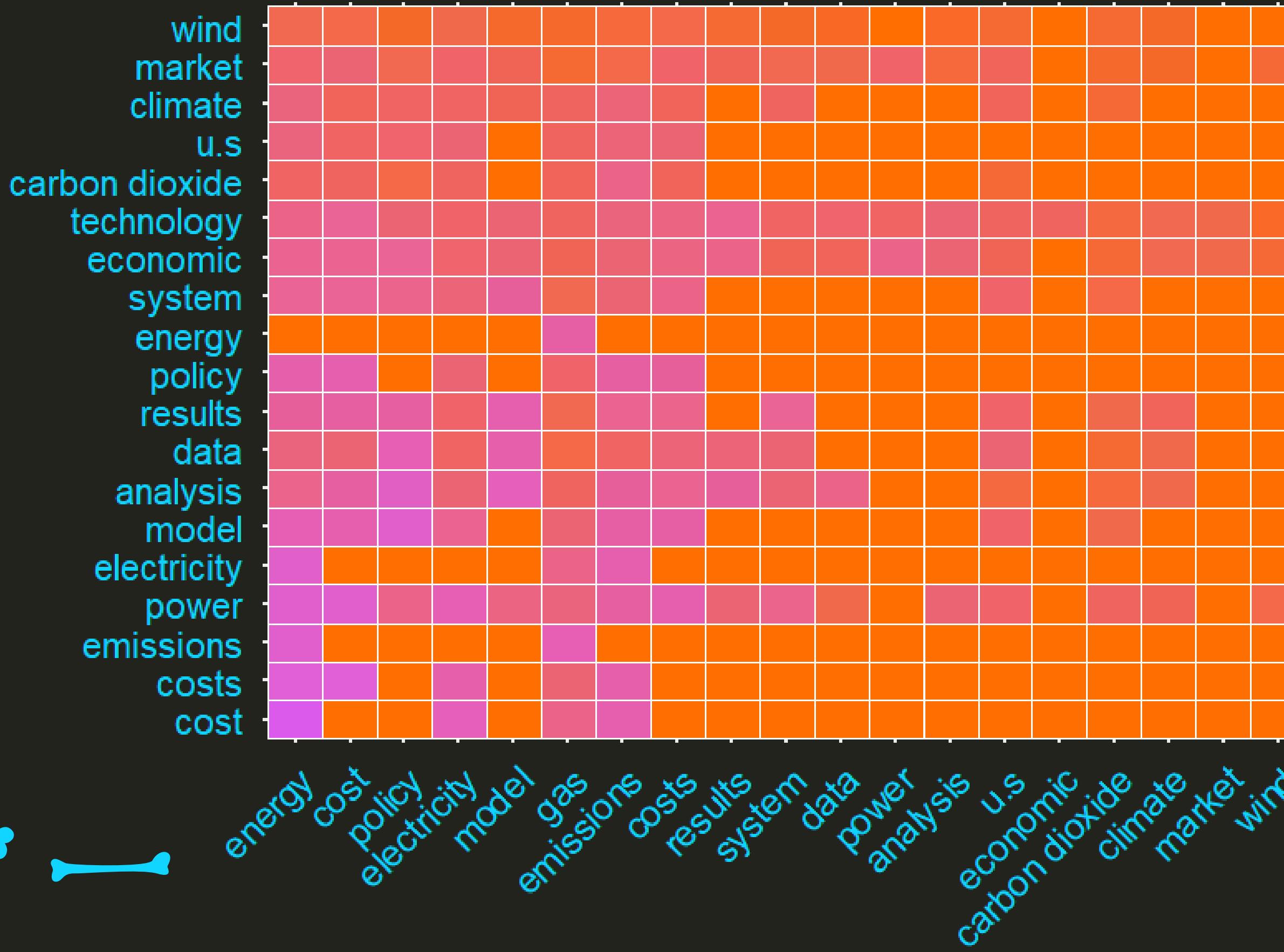


ROAD OF TRIALS

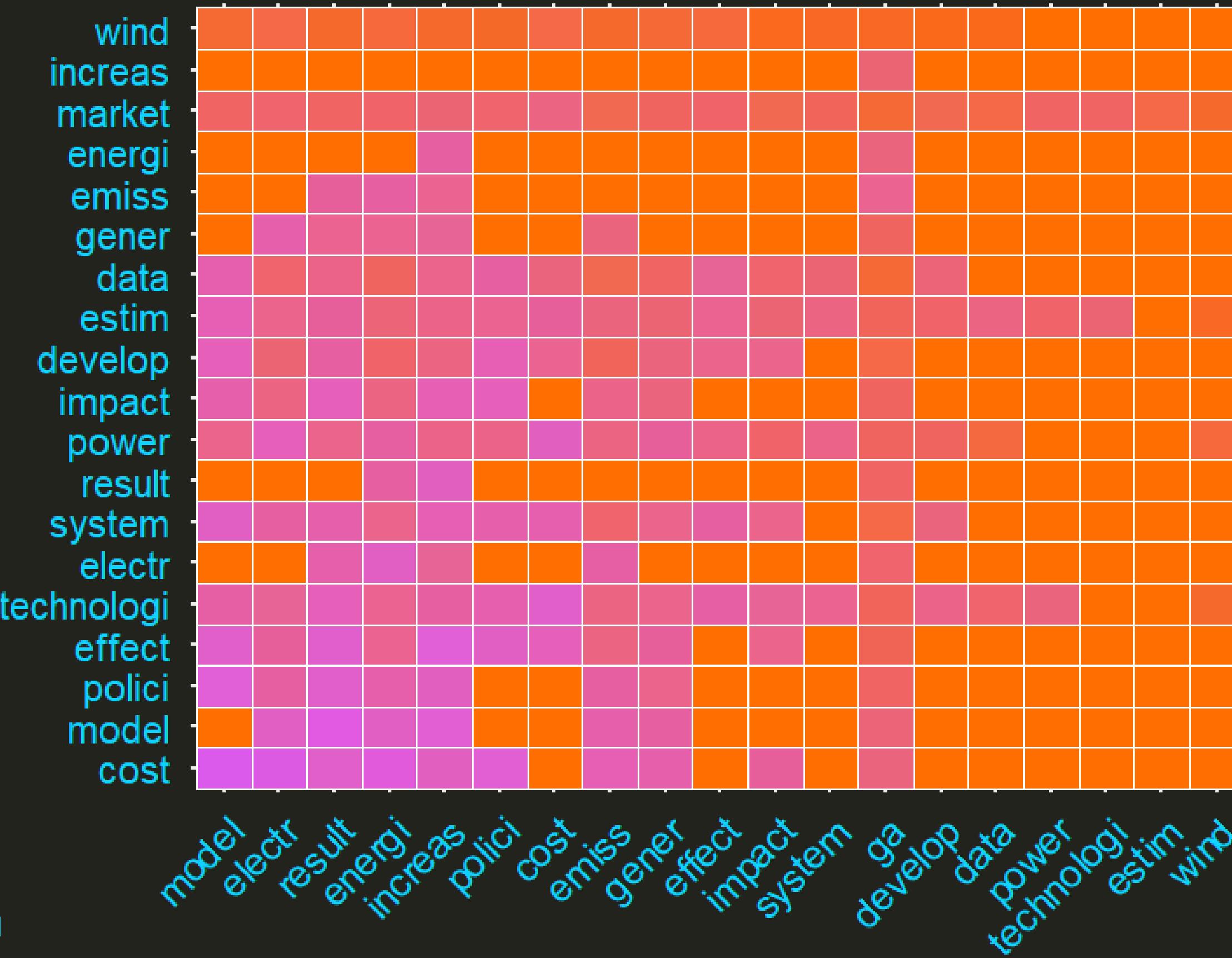
Description: Top 19 words and stems co-occurrence in the abstracts of the corpus. It shows topic clusters and how keywords are linked in context, and potential research gaps in weak associations

Challenge: In an attempt to join words with the same meaning like “cost” and “costs”, stemming was necessary

Top 19 Keyword Co-occurrence Heatmap



Top 19 most frequent stems



Co-occurrence

0

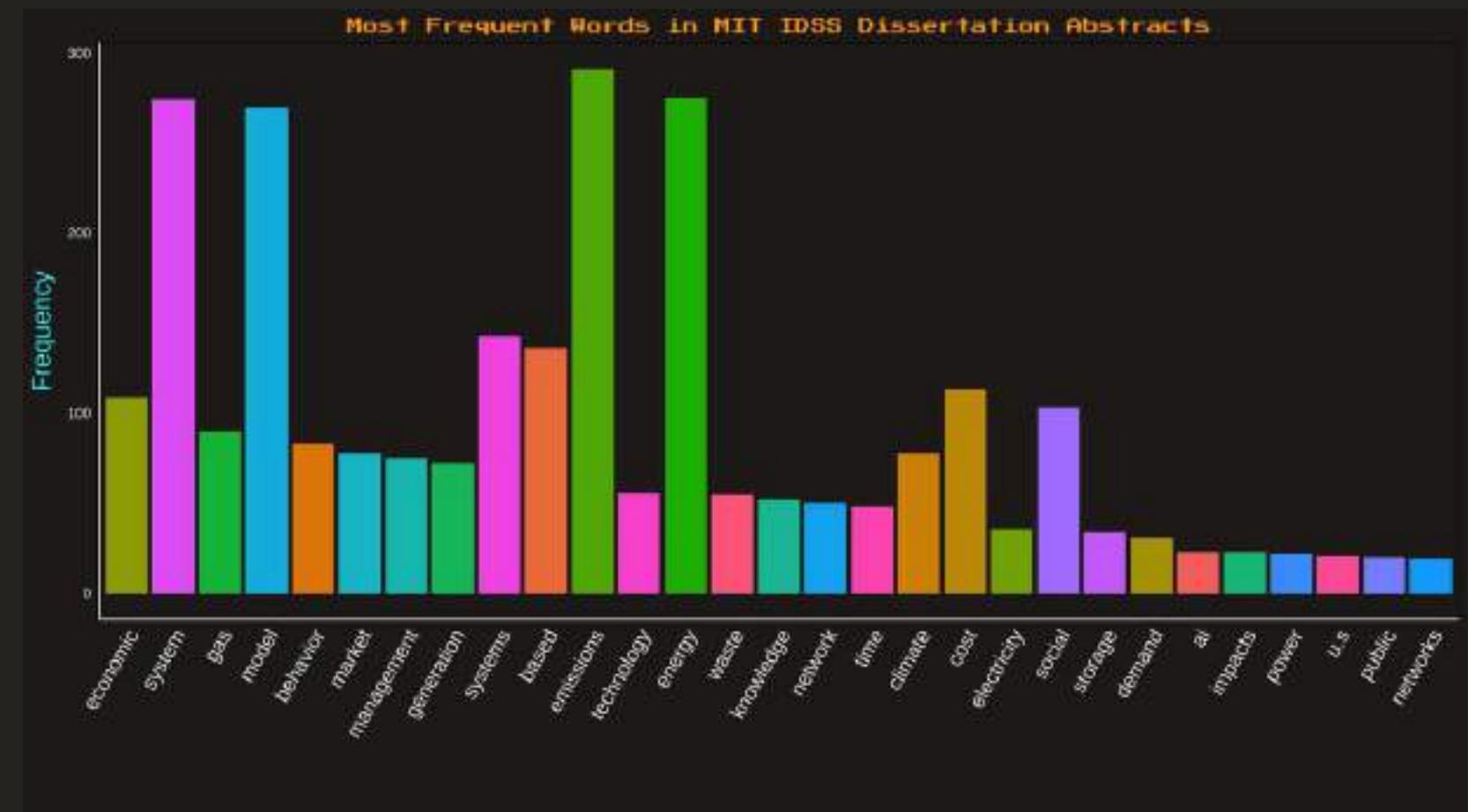
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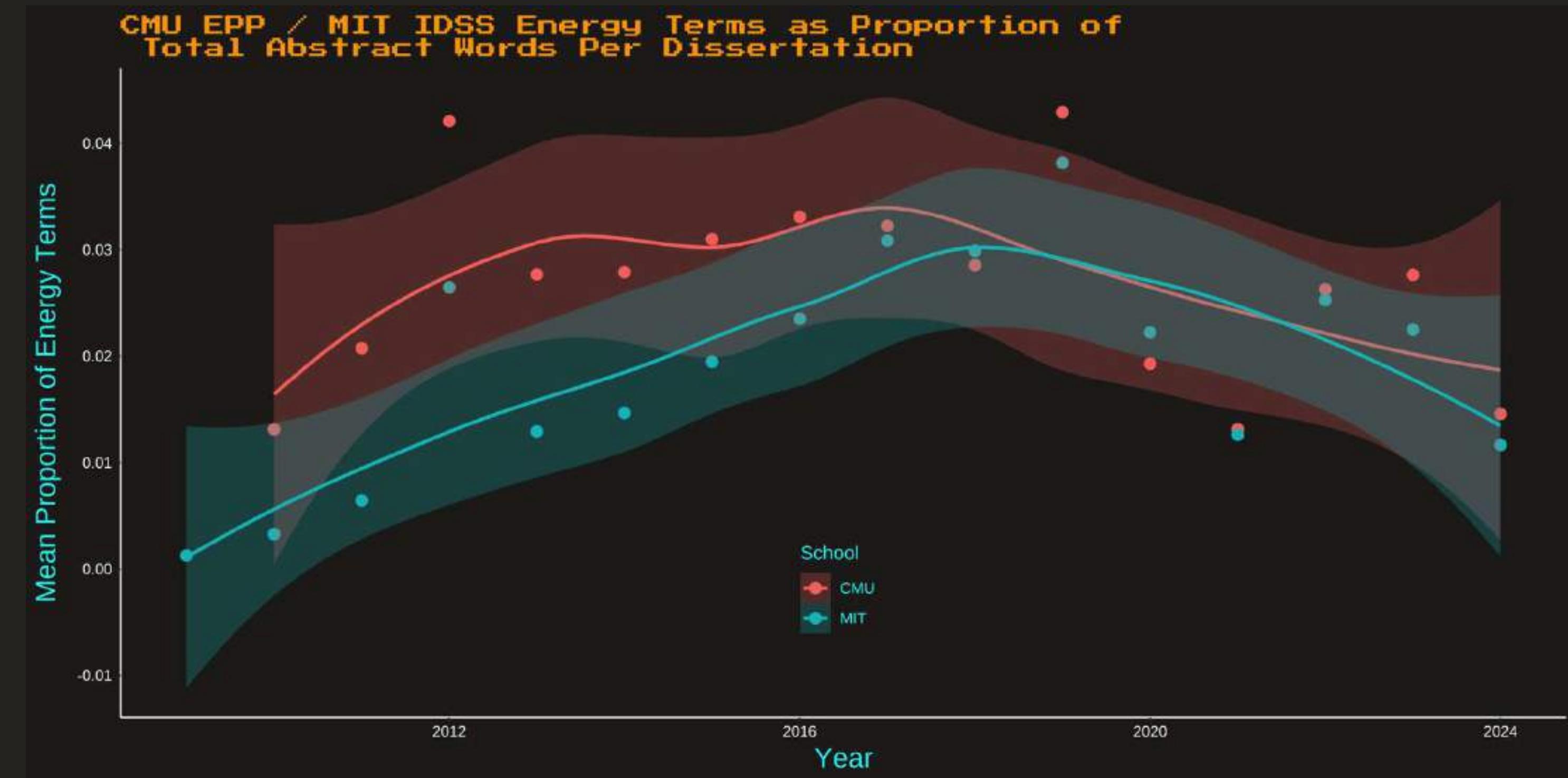
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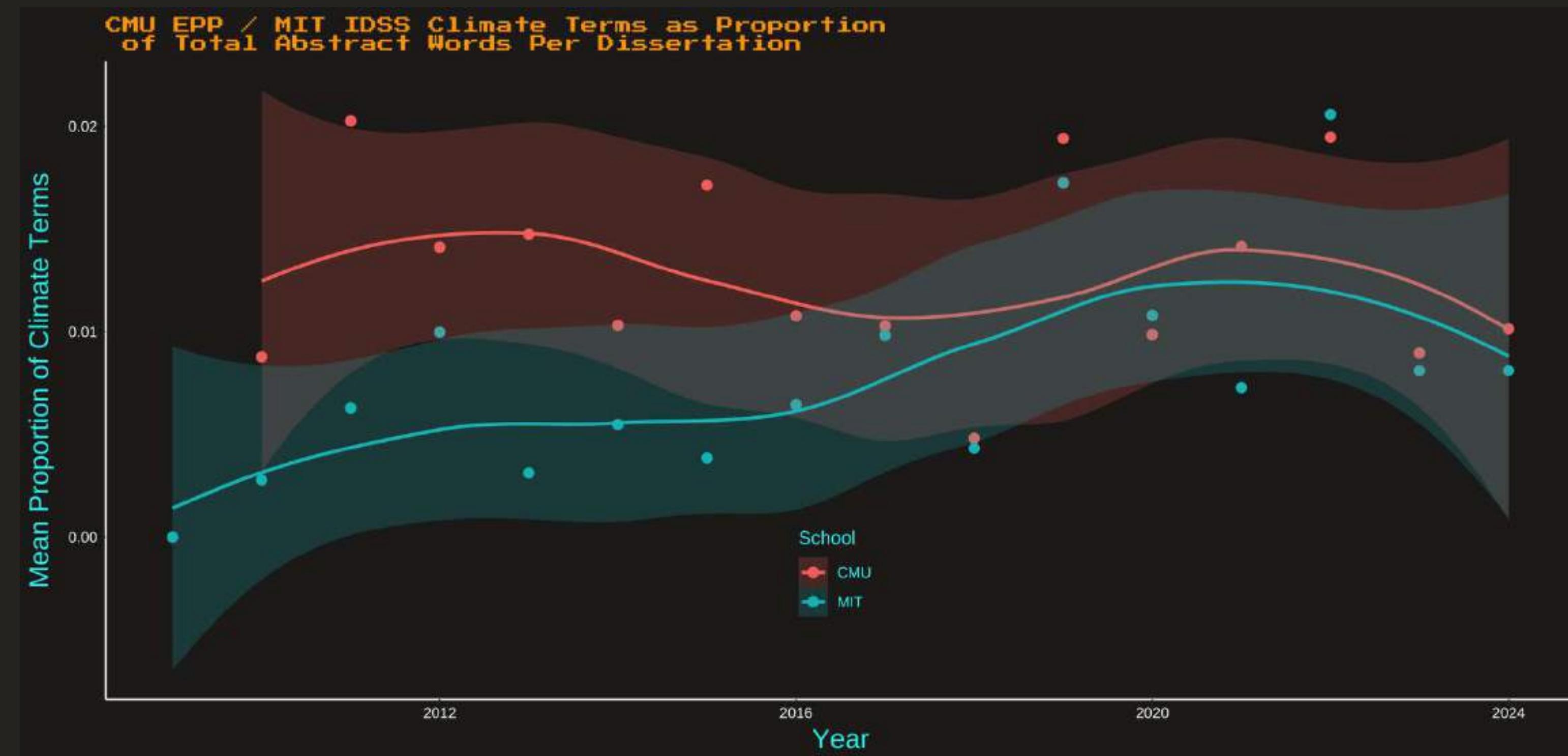
60

THE CROSSING OF THE RETURN THRESHOLD

As the heroes learned from the text analysis completed on the abstracts of the EPP's dissertation thesis, we look forward to comparing it to other universities' repositories, to learn to live in the ordinary world once again







To share their new wisdom, the heroes created a new dashboard with which the ordinary world can interact

MASTER OF THE TWO WORLDS

Plug in any word you are interested in and see the scatterplot of the average per year of their proportion per thesis

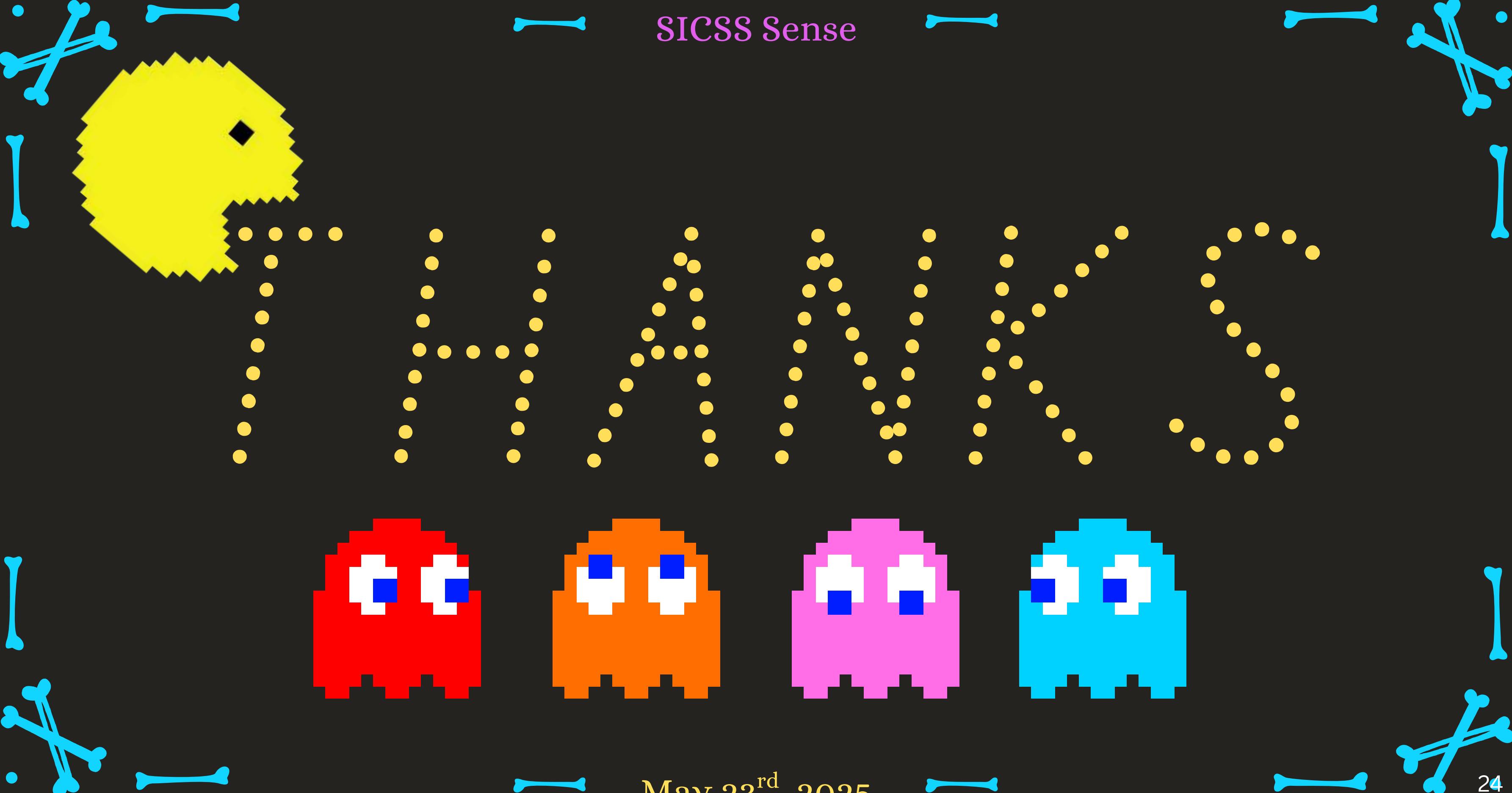
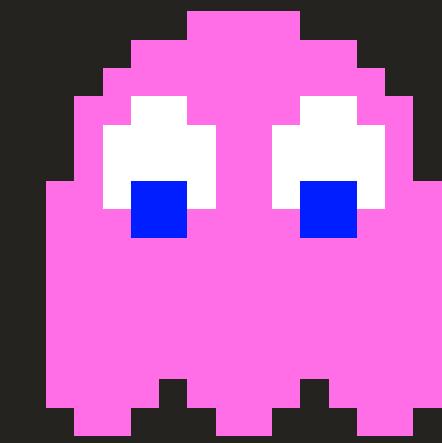
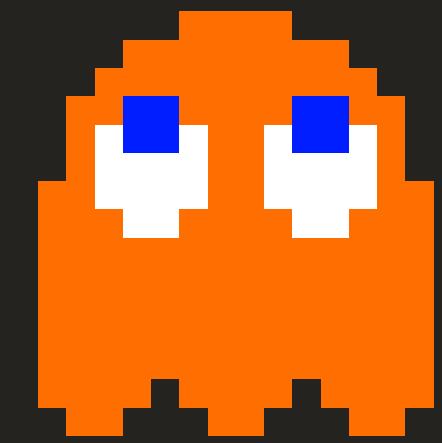
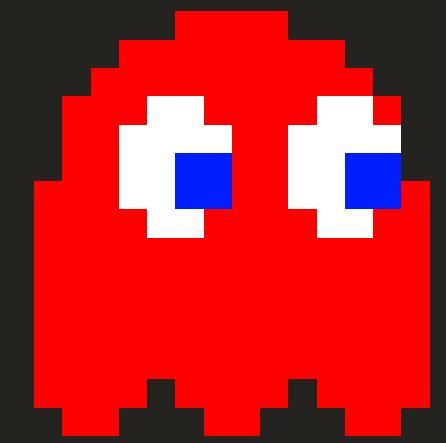
FREEDOM TO LIVE

The heroes, accepting a new version of themselves, understand better the limitations this research and further areas to explore:

- Expanding comparisons to other departments and universities related to Engineering and Public Policy
- Expand the dataset to include dissertations from before 2009



SICSS Sense



May 23rd, 2025