Meeting Summary of May 5, 2025

Date: May 5, 2025
Time: 2:30–3:15 PM
Attendees: Prof. Jan, Prof. Jabed, Prof. Zhang, Feng Gu
Topic: Establishing a general framework and drafting a proposal for Feng's thesis. **GitHub repository:** Click here to jump to the GitHub repository.

Summary of Discussion

- The framework for the thesis program was discussed, focusing on using breakpoint analysis in (quantile)regression to extend the research of two dissertations.

- A general working schedule for the summer was discussed. Prof. Jabed will travel to Bangladesh for a period, while Prof. Jan is willing to hold online meetings and share datasets with Feng.

Decisions Made

- Feng will review the two dissertations suggested by Prof. Jan and attempt to understand and replicate the analysis.

- Feng will study and practice breakpoint analysis in regression, review the earlier work of Prof. Jabed and Prof. Jan published in 2020[1], and examine an ongoing draft.

- Prof. Jan or Prof. Jabed will share the datasets used in the paper with Feng.

Action Items

- **Feng:** Summarize 2 dissertations by May 13.

- **Prof. Jan/ Prof. Jabed:** Share datasets.

Follow-Up

Temporary meeting time: waiting to be confirmed.

1 Attached Documents

Some piecewise quantile regression figures from another finished paper were shared with Feng for reference.

Click here to jump to the GitHub repository to check the figures.

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[1]Click here for the paper