

New Research in Causal Inference

Caleb Leedy

October 25, 2023

Causal Inference Research Ideas

- Ideally, everyone is coming today with new ideas for research in causal inference.
- Even if you did not there is hope!

Stages of Research Ideas

1. Topic of Interest (Ex. Causal inference with spatial data.)
2. Problem of Interest (Ex. Spatial treatment effects.)
3. Idea for a Solution (Ex. Use a spatial varying coefficient model.
Challenge is probably defining the missing mechanism.)
4. Initial Results

Types of Ideas

- Not every idea is good.
- We love bad ideas.

Group Step 1

- As a group of 2-3, share your research ideas together.
- Start with your bad ideas.
- Give constructive feedback to group member.
- Encourage them to be more detailed.

Group Step 2

- As a large group, we will share our research ideas together.
- Give constructive feedback to group member.
- Encourage them to be more detailed.