

# New Research in Causal Inference

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# 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.