

Advanced topics & overview

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Generalizing results

- The **Credibility Revolution** in social sciences
- What are we really learning?
- References:
 - Egami and Hartman (2023) **Elements of External Validity: Framework, Design, and Analysis**. *APSR* 117(3): 1070–1088.
 - Munger (2023) **Temporal validity as meta-science**. *Res&Pol* 10(3).
 - See also this post: **Generalizing Knowledge of Twitter to “X”**.
 - Esterling, Brady, & Schwitzgebel (2023) **The Necessity of Construct and External Validity for Generalized Causal Claims: A Critical Review of the Literature on Quantitative Causal Inference**. Preprint.

Generalizing results

- **Construct validity**: are we really measuring what we intent to?
 - is the treatment doing what we theoretically expect it to? and are we measuring the outcome correctly?
- **External validity**: would we get the same results if we replicate this in another context?
 - especially: temporal and spatial validity