Research agenda

Patrick Schmidt

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July 2, 2024, Heidelberg University

Past research

- measurement of uncertainty
  - Eyting, Schmidt (2021, **EER**). Belief elicitation with multiple point predictions.
  - Schmidt (2024, Accepted at **AEJ: Micro**). Elicitation of ambiguous beliefs with mixing bets

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- **evaluation of subjective beliefs**
  - Schmidt (2017, **AoAS**). Discussion of "Elicitability and backtesting: Perspectives for banking regulation".
  - Schmidt, Katzfuss, and Gneiting (2021, **JAE**). Interpretation of point forecasts with unknown directive.
  - Dimitriadis, Patton, and Schmidt (2023, R&R at **REStat**). Testing forecast rationality for measures of central tendency.

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- ▶ evaluation of subjective beliefs
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- ▶ applications: macro survey expectations and development
    - ▶ Schmidt (2023). Generalized Mincer-Zarnowitz regressions.
    - ▶ Schmidt, Gine (2022). Subjective belief distributions in an Indian consumption panel with fisher households

Past research II

Other research interests:

- ▶ psychometric measurement and Bayesian statistics
    - ▶ Roman, Schmidt, Brandt, Miller, (2024, **SEM**). Identifying dynamic shifts to non-compliant behavior in questionnaire responses; A novel approach and experimental validation.
    - ▶ Brandt, Schmidt (2024, in preparation). Dynamic models for measurement invariance with Bayesian shrinkage.

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- Causal inference
    - Evaluation projects with World Bank (unpublished).
    - Schmidt (2024, **StatInMed**). Inference under Superspreading: Determinants of SARS-CoV-2 Transmission in Germany.
    - Hess, Schmidt (2024, in preparation). Inference for pair-wise matched randomized controlled trials under dropout.

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- Coauthors and ongoing projects with researchers from Heidelberg, Frankfurt, Darmstadt, Karlsruhe, Tübingen, Basel, ETH Zurich, University of Zurich, Vienna, Duke, Texas A&M, Worldbank.

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- ▶ Evaluation of uncertainty statements
    - ▶ Theoretical contributions on comparison and rationality testing of subjective uncertainty statements

- ▶ Career grant proposal ✓, individual grant proposal planned