

The Econometric Game

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The Econometric Game

- World econometrics competition: [Website](#) [EG2019](#) [EG2015](#)
- Location & dates: April 09-11, 2025 in Amsterdam
- Organised by the study Association for Actuarial Science, Econometrics, and Operations Research of the University of Amsterdam (VSAE)
- The first event organised in 1999 as a one-day event
- About 30 participating universities
- Team: Composition of 4 Master and PhD students
- Solve a challenging and engaging case regarding a social problem
- Econometrics, time series analysis, data science

The Econometric Game – Cases from Previous Years

- 2010: Modelling the willingness to take part in a voluntary HIV test
- 2011: Identifying and estimating the causal effect of maternal alcohol intake during pregnancy on cognitive outcomes of the child, using a genetic marker as an instrument
- 2012: How does maternal smoking during pregnancy affect infants' birth weight?
- 2013: What are the effects of fiscal policy shocks to output in the US?
- 2014: Welfare analysis with incomplete expenditure data
- 2015: Mitigating longevity risk
- 2016: Socioeconomic inequity in health care use among elderly Europeans
- 2017: Geographic patterns in crime precaution: The case of window shutters in the Netherlands
- 2018: The individual and aggregate effects of unemployment on happiness: Evidence from international cross-section database
- 2019: Econometric models of climate change: The global carbon budget
- 2020: Cancelled due to Covid-19
- 2021: The sharing economy – Airbnb and the housing market (ONLINE)
- 2022: Analyse empirically the dynamics and the drivers of consumer price inflation in the euro area
- 2023: Application of machine learning models to predict wasting among under-five-year-olds in the Sahel region
- 2024: Evaluating school starting age rules and educational production function and policy using PISA data.

The Econometric Game – Structure and Resources

Structure

- Day 1: Case announced
- Day 2: First day of the game; hand in one written report per team
- Day 3: Ten finalists participate in the second day of the game; hand in one (second) written report per team; present the results

Resources

- 4 notebooks (laptops), 4 tablets, and 4 smartphones per team
- Wireless Internet
- Make use of the background literature
- Make use of any econometric and/or statistical software package (the organisers publish a list of suitable software before the game)

University of Antwerp at the EG

- A long tradition
- In the top 10 finalists in 2015, 2016, 2021, 2022 & 2024
- 3rd place in 2024

2015



2016



2017



2018



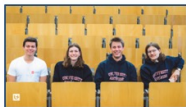
2021



Econometric Game 2022



2023



2024



2025



The Econometric Game – Winning Universities

- 2024: Lund University (UAntwerp team in 3rd place)
- 2023: University of Warsaw
- 2022: Lausanne University
- 2021: Lund University
- 2019: University of Melbourne
- 2018: Universidad Carlos III de Madrid