

Giovanni Mellace
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Econometrics and Data Science
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My main research field is Econometrics. Most of my research focuses on developing methods for the identification and estimation of causal effects but I am also interested in empirical labor and health economics.

Research outputs

Journal articles

The gray zone: How not imposing a strict lockdown at the beginning of a pandemic can cost many lives

Crudu, F., Di Stefano, R., Mellace, G. & Tiezzi, S., 5. Jun 2024, (E-pub ahead of print) In: Labour Economics. 102580.

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

The unseen toll: excess mortality during covid-19 lockdowns

Ege, F., Mellace, G. & Menon, S., Dec 2023, In: Scientific Reports. 13, 1, 9 p., 18745.

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

It is never too LATE: a new look at local average treatment effects with or without defiers

Dahl, C. M., Huber, M. & Mellace, G., Sept 2023, In: The Econometrics Journal. 26, 3, p. 378-404

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

The short-run effects of public incentives for innovation in Italy

Mellace, G. & Ventura, M., Mar 2023, In: Economic Modelling. 120, 106178.

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

Inference in instrumental variable models with heteroskedasticity and many instruments

Crudu, F., Mellace, G. & Sándor, Z., Apr 2021, In: Econometric Theory. 37, 2, p. 281-310

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

Evaluation of an electronic health record system with a disease management program and health care treatment costs for Danish patients with Type 2 Diabetes

Pulleyblank, R. W., Mellace, G. & Rose Olsen, K., May 2020, In: JAMA Network Open. 3, 5, p. e206603 10 p., e206603.

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

A note on testing instrument validity for the identification of LATE

Laffers, L. & Mellace, G., Nov 2017, In: Empirical Economics. 53, 3, p. 1281-1286

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

Why do tougher caseworkers increase employment? The role of programme assignment as a causal mechanism

Huber, M., Lechner, M. & Mellace, G., 1. Mar 2017, In: Review of Economics and Statistics. 99, 1, p. 180-183

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

Sharp IV bounds on average treatment effects on the treated and other populations under endogeneity and noncompliance

Huber, M., Laffers, L. & Mellace, G., 2017, In: Journal of Applied Econometrics. 32, 1, p. 56-79

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

The finite sample performance of estimators for mediation analysis under sequential conditional independence

Huber, M., Lechner, M. & Mellace, G., 2016, In: Journal of Business and Economic Statistics. 34, 1, p. 139-160

Research output: [Contribution to journal](#) › [Journal article](#) › [Research](#) › [peer-review](#)

Sharp Bounds on Causal Effects under Sample Selection

Huber, M. & Mellace, G., Feb 2015, In: Oxford Bulletin of Economics and Statistics. 77, 1, p. 129-151

Research output: Contribution to journal › Journal article › Research › peer-review

Testing instrument validity for LATE identification based on inequality moment constraints

Huber, M. & Mellace, G., 2015, In: Review of Economics and Statistics. 97, 2, p. 398–411

Research output: Contribution to journal › Journal article › Research › peer-review

Testing exclusion restrictions and additive separability in sample selection models

Huber, M. & Mellace, G., Jul 2014, In: Empirical Economics. 47, 1, p. 75-92

Research output: Contribution to journal › Journal article › Research › peer-review

Other research outputs

The gray zone

Crudu, F., Di Stefano, R., Mellace, G. & Tiezzi, S., May 2022, Department of Economics SDU, 34 p. (Discussion Papers on Business and Economics; No. 5, Vol. 2022).

Research output: Working paper › Research

What does OLS identify under the zero conditional mean assumption?

Crudu, F., Mellace, G. & Smits, J., Feb 2022, Department of Economics SDU, 15 p. (Discussion Papers on Business and Economics; No. 3, Vol. 2022).

Research output: Working paper › Research

The inclusive synthetic control method

Di Stefano, R. & Mellace, G., Nov 2020, Department of Economics SDU, 27 p. (Discussion Papers on Business and Economics; No. 14, Vol. 2020).

Research output: Working paper › Research

Identification of the average treatment effect when SUTVA is violated

Laffers, L. & Mellace, G., Mar 2020, Department of Economics SDU, 33 p. (Discussion Papers on Business and Economics; No. 3).

Research output: Working paper › Research

How are you doing? The benefits of informing health care providers on the performance of their patients

Kongstad, L. P., Mellace, G. & Rose Olsen, K., 2019, Nordic Health Economists' Study Group (NHESG), 44 p. (NHE Discussion Papers, Vol. 4/2019).

Research output: Working paper › Research

Identify More, Observe Less: Mediation Analysis Synthetic Control

Mellace, G. & Pasquini, A., 2019, Department of Business and Economics, SDU, 50 p.

Research output: Working paper › Research

Intended and unintended effects of public incentives for innovation: Quasi-experimental evidence from Italy

Mellace, G. & Ventura, M., 2019, Department of Business and Economics, SDU, (Discussion Papers on Business and Economics; No. 9, Vol. 2019).

Research output: Working paper › Research

It's never too LATE: A new look at local average treatment effects with or without defiers

Dahl, C. M., Huber, M. & Mellace, G., 14. Feb 2017, Department of Business and Economics, SDU, 69 p. (Discussion Papers on Business and Economics; No. 2, Vol. 2017).

Research output: Working paper › Research › peer-review

Inference in instrumental variables models with heteroskedasticity and many instruments

Crudu, F., Mellace, G. & Sandor, Z., 2017, University of Siena, 17 p.

Research output: Working paper › Research

Can the use of Electronic Health Records in General Practice reduce hospitalizations for diabetes patients? Evidence from a natural experiment

Kongstad, L. P., Mellace, G. & Rose Olsen, K., 2016, Department of Economics, University of York, 42 p. (Health, Econometrics and Data Group (HEDG) Working Papers; No. 25, Vol. 16).

Research output: Working paper › Research

The finite sample performance of estimators for mediation analysis under sequential conditional independence

Huber, M., Lechner, M. & Mellace, G., 2014, SEPS, 46 p.

Research output: Working paper › Research

Why do tougher caseworkers increase employment? The role of programme assignment as a causal mechanism

Huber, M., Lechner, M. & Mellace, G., 2014, SEPS, 38 p.

Research output: Working paper › Research

Relaxing monotonicity in the identification of local average treatment effects

Huber, M. & Mellace, G., 2012, University of St. Gallen, School of Economics and Political Science.

Research output: Working paper › Research

Principal Stratification in sample selection problems with non normal error terms

Rocci, R. & Mellace, G., 2011, Tor Vergata University, CEIS.

Research output: Working paper › Research

Sharp IV bounds on average treatment effects under endogeneity and noncompliance

Huber, M. & Mellace, G., 2010, University of St. Gallen, School of Economics and Political Science.

Research output: Working paper › Research

Activities

Editorial work

American Economic Journal: Applied Economics (Journal)

Mellace, G. (Peer reviewer)

2022

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Applied Econometrics (Journal)

Mellace, G. (Peer reviewer)

2022

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Labor Economics (Journal)

Mellace, G. (Peer reviewer)

2022

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Oxford Bulletin of Economics and Statistics (Journal)

Mellace, G. (Peer reviewer)

2022

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Empirical Economics (Journal)

Mellace, G. (Peer reviewer)

2019 → ...

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Health Economics (Journal)

Mellace, G. (Peer reviewer)

2019 → ...

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Applied Econometrics (Journal)

Mellace, G. (Peer reviewer)

2019 → ...

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Business and Economic Statistics (Journal)

Mellace, G. (Peer reviewer)

2019 → ...

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Labour Economics (Journal)

Mellace, G. (Peer reviewer)

2019 → ...

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Econometrics (Journal)

Mellace, G. (Peer reviewer)

2018

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of the Royal Statistical Society Series A: Statistics in Society (Journal)

Mellace, G. (Peer reviewer)

2018

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Statistical Methods & Applications (Journal)

Mellace, G. (Peer reviewer)

2017

Activity: Editorial work and peer review › Peer review of manuscripts › Research

The Scandinavian Journal of Economics (Journal)

Mellace, G. (Peer reviewer)

2017

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Empirical Economics (Journal)

Mellace, G. (Peer reviewer)

2016

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Applied Econometrics (Journal)

Mellace, G. (Peer reviewer)

2016

Activity: Editorial work and peer review › Peer review of manuscripts › Research

LABOUR (Journal)

Mellace, G. (Peer reviewer)

2016

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Review of Economics and Statistics (Journal)

Mellace, G. (Peer reviewer)

2016

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Econometrics (Journal)

Mellace, G. (Peer reviewer)

2015 → ...

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Business and Economic Statistics (Journal)

Mellace, G. (Peer reviewer)

2015

Activity: Editorial work and peer review › Peer review of manuscripts › Research

Memberships and boards

DRDS - Danish Research Data for the Social Sciences (External organisation)

Mellace, G. (Member)

2018

Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Conferences

EEA/ESEM

Mellace, G. (Speaker)

28. Aug 2023 → 1. Sept 2023

Activity: Talks and presentations › Conference presentations

ICEEE 2023

Mellace, G. (Speaker)

23. May 2023 → 28. May 2023

Activity: Talks and presentations › Conference presentations

European Winter Meeting Econometric Society

Mellace, G. (Speaker)

16. Dec 2022 → 18. Dec 2022

Activity: Talks and presentations › Conference presentations

COMPIE 2022

Mellace, G. (Speaker)

4. Jul 2022 → 6. Jul 2022

Activity: Talks and presentations › Conference presentations

IAAE 2002

Mellace, G. (Speaker)

21. Jun 2022 → 24. Jun 2022

Activity: Talks and presentations › Conference presentations

ESPE 20022

Mellace, G. (Speaker)

16. Jun 2022 → 18. Jun 2022

Activity: Talks and presentations › Conference presentations

DAGStat Conference 2022

Mellace, G. (Guest lecturer)

28. Mar 2022 → 1. Apr 2022

Activity: Talks and presentations › Conference presentations

50TH MEETING OF THE ITALIAN STATISTICAL SOCIETY

Mellace, G. (Speaker)

Jun 2021

Activity: Talks and presentations › Conference presentations

Counterfactual Methods for Policy Impact Evaluation

Mellace, G. (Speaker)

Jun 2021

Activity: Talks and presentations › Conference presentations

EALE/SOLE/AASLE Conference

Mellace, G. (Speaker)

Jun 2020

Activity: Talks and presentations › Conference presentations

CFE-CMStatistics

Mellace, G. (Speaker)

2019

Activity: Talks and presentations › Conference presentations

International Association for Applied Econometrics

Mellace, G. (Speaker)

2019

Activity: Talks and presentations › Conference presentations

Italian Congress of Econometrics and Empirical Economics

Mellace, G. (Speaker)

2019

Activity: Talks and presentations › Conference presentations

Counterfactual Methods for Policy Impact Evaluation

Mellace, G. (Speaker)

2018

Activity: Talks and presentations › Conference presentations

International Association for Applied Econometrics

Mellace, G. (Speaker)

2018

Activity: Talks and presentations › Conference presentations

North American Econometric Society

Mellace, G. (Speaker)

2018

Activity: Talks and presentations › Conference presentations

iHEA

Mellace, G. (Speaker)

2017

Activity: Talks and presentations › Conference presentations

Counterfactual Methods for Policy Impact Evaluation

Mellace, G. (Speaker)

2016

Activity: Talks and presentations › Conference presentations

European Workshop on Econometrics And Health Economics

Mellace, G. (Speaker)

2016

Activity: Talks and presentations › Conference presentations

International Association for Applied Econometrics

Mellace, G. (Speaker)

2015

Activity: Talks and presentations › Conference presentations

Social and labour market policy evaluation with administrative data

Mellace, G. (Speaker)

2015

Activity: Talks and presentations › Conference presentations

Counterfactual Methods for Policy Impact Evaluation

Mellace, G. (Speaker)

2014

Activity: Talks and presentations › Conference presentations

European Association of Labour Economics

Mellace, G. (Speaker)

2014

Activity: Talks and presentations › Conference presentations

SDU workshop on Applied Microeconomics

Mellace, G. (Guest lecturer)

2014

Activity: Talks and presentations › Conference presentations

Talks and presentations

IAAE 2023

Mellace, G. (Speaker)

27. Jun 2023 → 30. Jun 2023

Activity: Talks and presentations › Talks and presentations in private or public companies

The inclusive Synthetic Control Method

Mellace, G. (Guest lecturer)

Oct 2020

Activity: Talks and presentations › Talks and presentations in private or public companies

Mediation Analysis Synthetic Control

Mellace, G. (Speaker)

7. May 2020

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Panel Data Analysis

Mellace, G. (Lecturer)

Jan 2018

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Recent Advances in Causal Inference for Policy Evaluation

Mellace, G. (Lecturer)

May 2017

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Can the use of Electronic Health Records in General Practice reduce hospitalizations for diabetes patients? Evidence from a natural experiment

Mellace, G. (Speaker)

2017

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Can the use of Electronic Health Records in General Practice reduce hospitalizations for diabetes patients? Evidence from a natural experiment

Mellace, G. (Speaker)

2016

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

It's never too LATE: A new look at local average treatment effects with or without defiers

Mellace, G. (Speaker)

2015

Activity: Talks and presentations › Talks and presentations in private or public companies

It's never too LATE: A new look at local average treatment effects with or without defiers

Mellace, G. (Speaker)

2015

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Why do tougher caseworkers increase employment? The role of programme assignment as a causal mechanism

Mellace, G. (Speaker)

2015

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Why do tougher caseworkers increase employment? The role of programme assignment as a causal mechanism

Mellace, G. (Speaker)

2015

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

International Association for Applied Econometrics

Mellace, G. (Speaker)

2014

Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Other activities

Research visits

Boston College

Mellace, G. (Visiting researcher)

17. Mar 2019 → 26. Mar 2019

Activity: Visiting another research institution

Roma Tre University

Mellace, G. (Visiting researcher)

May 2018

Activity: Visiting another research institution

Teaching and supervision

Teaching

Advanced course on Causal Inference

Descriptions

Description Spring School on Causal Inference Rome 3 University

Information

Period 04/05/2017 → 31/05/2017

Subject Director Mellace, G.

Managing organisational unit Econometrics and Data Science

Econometrics II

Information

Period 01/03/2022 → 31/05/2022

Subject Director Mellace, G.

Managing organisational unit Department of Economics

Historical Perspectives on Current Economic Issues

Information

Period 15/08/2022 → 26/08/2022

Subject Director Mellace, G.

Managing organisational unit Department of Economics

Panel Data Analysis

Descriptions

Description European Training Networks PhD course

Information

Period	23/01/2018 → 25/01/2018
Target group	Ph.D
ECTS credits	5,0 ECTS
Subject Director	Mellace, G.
Managing organisational unit	Econometrics and Data Science

Regression Analysis

Information

Period	01/09/2021 → 23/12/2022
Subject Director	Mellace, G.
Managing organisational unit	Department of Economics

Prizes

Austrian Young Economists Award 2013, AUSTRIAN ECONOMIC ASSOCIATION (NOeG) meeting

Mellace, Giovanni (Recipient)
Department of Economics

Details

Awarded date	11. May 2013
Degree of recognition	National

CERUP Research Award

Mellace, Giovanni (Recipient)
Department of Economics

Details

Awarded date	9. Mar 2018
Degree of recognition	National

Economicus 2017

Mellace, Giovanni (Recipient)
Department of Economics

Description

best paper award for the paper "Sharp IV Bounds on Average Treatment Effects on the Treated and other Populations under Endogeneity and Noncompliance"

Details

Awarded date	3. May 2018
Degree of recognition	National

LABOUR Prize of the Fifth Italian Congress of Econometrics and Empirical Economics

Mellace, Giovanni (Recipient)
Department of Economics

Description

Awarded to the best conference papers written by young scientists in Theoretical or Applied Microeconometrics. Offered by LABOUR: Review of Labour Economics and Industrial Relations

Details

Awarded date 18. Jan 2013

Degree of recognition International

Projects

Do men and women react differently to an adverse health shock? - Gender Differences in Healthcare Utilization & Health Behaviour

Menon, S., PI, Econometrics and Data Science, CPop

Mellace, G., Project participant, CPop, HEDG (Historical Economics & Development Group), Econometrics and Data Science

Collaborators
(organisations) Cornell University