

VINCENT BAGILET

@ vincent.bagilet@columbia.edu

+33 6 13 38 18 18

vincentbagilet.github.io

EDUCATION





PhD in Sustainable Development Columbia University	2024 (expected)
Master in Quantitative Economics (PPD) Paris School of Economics (PSE)	2018
Master in Environmental Economics AgroParisTech - Paris-Saclay University	2017
Master in Engineering, specialization in Energy Ecole Centrale Lyon, last year at Ecole Centrale Paris	2017

RESEARCH FIELDS

Environmental Economics, Applied Microeconomics

REFERENCES





Jeffrey Shrader

 Columbia University
SIPA
 420 West 118th Street,
New York, NY 10027, US
 +1 (212) 851-9443
 @ jgs2103@columbia.edu

Sylvain Chabé-Ferret

 Toulouse School of
Economics (TSE)
 1 esplanade de l'Université
31000 Toulouse, France
 +33 (0)5 61 12 88 28
 @ sylvain.chabe-ferret@tse-fr.eu

Suresh Naidu

 Columbia University
Dept. of Economics, SIPA
 420 West 118th Street,
New York, NY 10027, US
 +1 (212) 854-0027
 @ sn2430@columbia.edu

WORKING PAPERS

Causal Exaggeration: Unconfounded but Inflated Causal Estimates

[[Project website](#) , [Download](#) 

ABSTRACT: The credibility revolution in economics has made causal inference methods ubiquitous. At the same time, an increasing amount of evidence has highlighted that the literature strongly favors statistically significant results. I show that these two phenomena interact in a way that can substantially worsen the reliability of published estimates: even when causal identification strategies successfully reduce bias caused by confounders, they can induce a low statistical power and create another type of bias, leading to exaggerated effect sizes. This exaggeration is consequential in environmental economics, as cost-benefit analyses turn estimates into decision-making parameters for policy makers. I characterize this trade-off using a formal mathematical derivation and realistic Monte Carlo simulations replicating prevailing identification strategies. I then discuss potential avenues to address it.

Accurately Estimating Small Effects: Air Pollution and Health

[[Project website](#) , [Download](#) 

ABSTRACT: This paper identifies tangible design parameters that might lead to inaccurate estimates of relatively small effects, the short-term health effects of air pollution. Low statistical power not only makes relatively small effect difficult to detect but resulting published estimates also exaggerate true effect sizes. We first document the existence of this issue in the epidemiology and economics literature of interest. Then, we identify its drivers using real data simulations that replicate most prevailing inference methods. Finally, we argue relevance to many other literatures and propose a principled workflow to evaluate and avoid exaggeration when conducting a non-experimental study.

WORK IN PROGRESS

Burden and Acceptability of the French Carbon and Gasoline Taxes

Peer Effects in Pro-Environmental Behaviours , joint with Marion Leroutier, Théo Konc

The Environment in the Public Sphere: Structural vs Individual Discourses

RESEARCH EXPERIENCE

Visiting PhD student May – July 2023
Sciences Po, Economics Department, with *Emeric Henry*

Visiting PhD student June – August 2022
Toulouse School of Economics (TSE), with *Sylvain Chabé-Ferret*

Visiting PhD student June – July 2019
University of Oxford, INET, with *Linus Mattauch*

Research Intern in Environmental Economics April – Sept 2017
CIRED

Research Intern in Geopolitics of Resources April – June 2016
ENS Lyon, Michel Serres Institute

Research Intern in Development Economics January - April 2016
GATE Lyon

Research Intern in Political Economy May - Aug 2015
South African Institute of International Affairs

TEACHING EXPERIENCE

TEACHING ASSISTANT AT COLUMBIA UNIVERSITY

Environmental Science for Sustainable Development (PhD) Fall 2021, 2022, 2023

Microeconomics and Policy Analysis II (Grad) Spring 2022

Challenges of Sustainable Development (Undergrad) Spring 2021

Macroeconometrics (Grad) Spring 2020

Microeconomics and Policy Analysis I (Grad) Fall 2019, 2020

Tutor: Microeconometrics, Macroeconometrics (Grad) Fall 2019, Spring 2022

FELLOWSHIPS AND GRANTS

SIPA Dean's Fellowship, Columbia University 2018-2024

ACADEMIC PRESENTATIONS

2023: *TSE Environmental Economics Workshop*

2022: *EuHEA Conference**, *TSE Environmental Economics Workshop*

2021: *Interdisciplinary Ph.D. Workshop in Sustainable Development, FAERE annual conference**

* = co-author

SERVICE

REFeree: *Economics of Transition and Institutional Change*

CORE-ORGANIZER: *Interdisciplinary PhD Workshop on Sustainable Development (2021)*

CO-ORGANIZER: *Alliance Summer School in Sustainable Development (2019)*

OTHER INFORMATION

LANGUAGES: French (*native*), English (*fluent*), Spanish (*conversational*)

SOFTWARE SKILLS: R , \LaTeX , Git , Matlab , Stata , Photoshop

CITIZENSHIP: French