

David Gonzalez Jimenez

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Education

Ph.D. in Economics, Erasmus Universiteit Rotterdam-Tinbergen Institute,

Expected Completion: September 2025

Advisors: Pr. Aurélien Baillon, Pr.dr. Chen Li

Visiting Ph.D. student, HEC Paris, April-July 2023

Host: Pr. Mohammed Abdellaoui

M.A. Mathematics: Applied Focus, Pontificia Universidad Javeriana, 2018-2021

M.Res. Economics: Econometric focus, Université Catholique de Louvain, 2013-2016

B.A. Psychology, Universidad de los Andes, 2008-2013

B.A. Economics, Universidad de los Andes, 2007-2012

Working Papers:

Learning gaps? Described versus Experienced Signals (Job Market Paper)

David Gonzalez-Jimenez

We study the effect of learning the relationship between signals and payoff-relevant events by description or by experience. Employing a novel method for eliciting ambiguity attitudes, where beliefs and attitudes are disentangled, two gaps are identified. The first gap concerns attitudes: aversion is lower in experience and decreases with higher signal informativeness, while insensitivity is higher for experience but reduced by informativeness of the signal in both conditions. The second gap pertains to belief updating: subjects are more responsive to new information in experience than in description. The findings show that direct experience brings people closer to Bayesian rationality than description does.

Publications:

Falling and failing (to learn): Evidence from a Nation-Wide Cybersecurity Field Experiment with SMEs *Journal of Economic Behavior and Organization*, Volume 230, February 2025.

David Gonzalez-Jimenez, Francesco Capozza, Thomas Dirkmaat, Amber van Druten, Evelien van der Veer and Aurélien Baillon

Prior experiences are crucial in shaping risk prevention behavior. Previous studies have shown that experiencing a simulated phishing attack (a “phishing drill”) reduces the likelihood of clicking on unsafe links and disclosing one’s password. In a large field experiment involving 670 small and medium-sized enterprises (SMEs) and their 33,000 employees, we examined the impact of experience on individuals’ ability to detect cyber-security threats, and whether this effect persisted over several months. We collected data at both the company and individual levels, including risk preference, time preference, and trust. Our findings indicate only a non-systematic, short-term effect of previous phishing emails on clicking behavior. A cluster of individuals with greater patience, trust, and risk seeking was the most likely to benefit from phishing drills.

Research in Progress:

The cost of going against the tide: the effect of stereotypes on ambiguity attitudes

David Gonzalez-Jimenez, Cedric Gutierrez, Marine Hainquerlot and Chen Li

We investigated whether people’s ambiguity attitudes and beliefs about others’ competence depend on the stereotypicality of others’ profiles. We found that people are more ambiguity averse about men’s performance in a task that they are expected to perform well when they have a counter-stereotypical background. Also, people hold more pessimistic beliefs about them, and the effect of these pessimistic beliefs are comparatively enlarged by judges being less a-insensitive towards them. In this sense, counter-stereotypical men were punished both in terms of ambiguity attitudes and beliefs about their competence. Learning of new information diminished the penalty for men in terms of ambiguity attitudes, but more pessimistic beliefs about them persisted.

A betting rule to incentivize the elicitation of continuous distributions

Aurélien Baillon, Thomas de Haan and David Gonzalez-Jimenez

We introduce an incentive mechanism, call a betting rule, to elicit continuous distribution. We show it is *behaviorally* proper, in the sense that it provides incentives to report accurate beliefs even for non-expected utility maximizers and it is transparent and easy to understand.

References

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Prof. Mohammed Abdellaoui
Department of Economics and Decision Sciences, HEC-Paris
1 Rue de La Libération
F78351 Jouy-en-Josas, France
Phone: +33 139674372
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Research and Teaching Fields

- **Primary Field:** Behavioral Economics
- **Secondary Fields:** Microeconomics, Experimental Economics, Applied Theory

Presentations and Conferences

2024	RisLAB Summer School Rabat, ADA 2024 Helsinki, MBEES-MBEPS 2024 Maastricht, Ph.D. Lunch Seminar EUR
2023	GATE Lyon, Ph.D. Lunch seminar Ti insitute, Ph.D. Seminar EUR, HEC Ph.D. day, SPUDM 2023 Vienna
2022	FUR 2022 Ghent, MBEES-MBEPS 2022 Maastricht, Ph.D. Lunch Seminar EUR , Ph.D. Day EUR

Teaching Experience

2020-Present	Bachelor Thesis supervision, Erasmus University Rotterdam
2020-Present	Master Thesis supervision, Erasmus University Rotterdam
2022-2024	Applied Behavioral Economics Seminar (Master) Lecturer, Erasmus University Rotterdam
2020-2024	Intermediate Behavioral Economics (3rd year Bachelor) Teaching Assistant, Erasmus University Rotterdam
2020-2022	Intermediate Behavioral Economics (3rd year Bachelor) Course coordinator, Erasmus University Rotterdam

Relevant Experience

2020-Present	Ph.D. Candidate, Erasmus School of Economics
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Non-Research Experience

2019-2020	Data Analyst, Direccion Nacional de Impuestos y Aduanas DIAN (Tax and Revenue Authority of Colombia), Bogota, Colombia
2017-2019	Data Analyst, Secretaria Distrital de Movilidad (Transit and Traffic authority) Bogota, Colombia
2012-2013	Jr. Consultant in Market Research, Quala S.A., Bogota, Colombia

Scholarships, Honors and Awards

2013-2015 Colfuturo Scholarship to do the Research Master in UCLouvain

Refereeing activity

Journals Theory and Decision

Ancilliary activities

2022-2023 Ph.D. Board for the Applied Economics department

Language and Software Skills

Languages Spanish (Native), English (Fluent), French (Intermediate), Dutch (Beginner)

Software R, L^AT_EX, Python, JavaScript