



# Nicolas Greliche

*Research Consultant, Statistician, Analytic Philosopher*

## Professional Experience

Currently **Independent Research Consultant, Philosopher, Artist**, *Madrid, Spain*.

- Research consulting with Statistics For Sustainable Development;
- Design and development of the research-and-statistics-based educational comic *crish*;
- Research in analytic philosophy (Epistemology, Philosophy of Science, Decision Theory).

2018-2021 **Research Methods Expert**, *Statistics for Sustainable Development, Reading, UK*.

- Supported the development and communication of grassroots evidence-based cases for agroecology;
- Research Methods support to West-African researchers for the McKnight Foundation;
- Built monitoring tools and assisted the evaluation, monitoring and reporting of the Building Resilient Communities in Somalia, BRCiS for the Norwegian Refugee Council;
- Review, evaluation and advice on ASWA (Accelerating Sanitation and Water for All) for UNICEF
- Assisted and mentored with the collection and analysis of survey data for a NGO in Madagascar;
- Evaluated reports or methods, analysed data and taught R and Statistics.

2017-2018 **Medical Statistician/Data Scientist**, *Groupe Hospitalier Paris Saint-Joseph, Paris, France*.

- Supported the Clinical Research Center with advice, protocol reviews and statistical analysis;
- Created and automated statistical reports, predictions and analysis related to the hospital activity.

2014-2017 **Statistics Advisor**, *James Cook University Singapore, Singapore*.

- Advised hundreds of students and researchers on their study design and data analysis;
- Provided lectures, workshops and various additional support in Statistics and Mathematics.

jan-aug 2014 **Temporary Assistant Professor in Statistics**, *INSA Lyon, France*.

- Searched for Gene Regulation Networks in the Bacteria *Dickeya Dadantii*;
- Taught Statistics to students in the Bioscience track of the Insa Lyon engineering school.

2009–2013 **PhD in Biostatistics**, *University Paris-Sud / Inserm, Paris, France*.

- Investigated different strategies for detecting interactions between polymorphisms in complex diseases;
- Searched for new Statistical and Biological methods to detect genetic interactions;
  - Explored and analysed large genetic epidemiology data.

2006–2008 **Statistician, Economic Analyst**, *French Institute of Statistics, Paris, France*.

- Refined statistical models to forecast and analyse the evolution of wage indexes in France;
- Collaborated on the evaluation of the French economic situation.

## Education

2022–2026 **Analytic Philosophy**, *Self-taught*.

- 2009–2013 **PhD in Biostatistics**, *University of Paris-Sud, France*.
- 2008–2009 **MSc in Genetic Epidemiology and Bioinformatics**, *Cardiff University, UK*.
- 2004–2006 **Engineering School in Statistics and Information Analysis**, *Ensaï, France*.  
*Simultaneously* : **Bachelor in Economics**, *University of Rennes 1, France*

## Teaching Experience

- 2023–2024 **Mentoring in data analysis and research methods**, *Spires platform, Online*.
- 2020–2021 **R for researchers in Agroecology**, *Collaborative Crop Research Program, Online*.
- 2020 **R for graduate students**, *University of Reading, Online*.
- 2019 **Data analysis for Agroecology**, *Collaborative Crop Research Program, Niger-Burkina-Mali*.
- 2018–2019 **R for graduate students**, *University of Reading, UK*.
- 2018 **R for Agroecology**, *Collaborative Crop Research Program, Ethiopia-Kenya-Tanzania*.
- 2018 **R for clinical research**, *Groupe Hospitalier Paris Saint-Joseph, France*.
- 2014–2016 **Mathematics and Numeracy for Education**, *James Cook University Singapore, Singapore*.
- Spring 2014 **Applied statistics**, *INSA Lyon, France*.
- Spring 2014 **Biostatistics**, *INSA Lyon, France*.
- 2009–2012 **Statistics tutorials**, *University of Paris 7, France*.

## Grants

- 2024 **15,000€ to continue the development of the webcomic *crish***, *Grantmaker: Grenoble Alpes University*.
- 2023 **3,000€ to develop educational material around the webcomic *crish***, *Grantmaker: Research Group in Ecology and Statistics (GDR Ecostat)*.

## Languages

- French Native language.
- English Fluent - lived more than 6 years in Singapore and the UK.
- Spanish Fluent - currently living in Madrid, Spain.

## Publications

### In peer-reviewed Philosophy journals

- 2025 **Greliche N (2025) *Some Intriguing Works That Read Like Comics***. *Estetika: The European Journal of Aesthetics* 62(1), 53-65.

### In other peer-reviewed journals

- 2021 Berti PR, Nardocci M, Tran MH et al. (2021) *Using DHS and MICS data to complement or replace NGO baseline health data: an exploratory study*. F1000Res. 2021 Feb 4;10:69. doi: 10.12688/f1000research.47618.1.PMID: 34123367; PMCID: PMC8145218.

- 2020 Nguyen DT, Giocanti-Auregan A, Benhatchi N et al. (2020) *Increased choroidal thickness in primary angle closure measured by swept-source optical coherence tomography in Caucasian population*. *Int Ophtalmol* 40, 195-203.
- 2017 Jacobs GM, **Greliche N** (2017) *Convincing Students That Their Groupmates Success Can Increase, Not Diminish, Their Own Success*. Volume 12 A Journal of the Faculty Center for Innovation, 145.
- 2016 Jiang X, Zghidi-Abouzid O, Oger-Desfeux C et al. (2016) *Global transcriptional response of *Dickeya dadantii* to environmental stimuli relevant to the plant infection*. *Environnemental Microbiology*.
- 2016 Jacobs GM, Kimura H, **Greliche N** (2016) *Incivility among Group Mates in English Classes at a Japanese Women's University*. *The Electronic Journal for English as a Second Language* 19(4).
- 2014 Aschard H, Vilhjálmsson BJ, **Greliche N** et al. (2014) *Maximizing the Power of Principal Components Analysis of Correlated Phenotypes in Genome-wide Association Studies*. *The American Journal of Human Genetics* 94(5).
- 2013 **Greliche N**, Germain M, Lambert J et al. (2013) *A genome-wide search for common SNP x SNP interactions on the risk of venous thrombosis*. *BMC Medical Genetics* 14(36). doi:10.1186/1471-2350-14-36
- 2012 **Greliche N**, Zeller T, Wild P et al. (2012) *Comprehensive exploration of the effects of miRNA SNPs on monocyte gene expression*. *PLoS ONE* 7(9): e45863. doi:10.1371/journal.pone.0045863
- 2011 Germain M, Saut N, **Greliche N** et al. (2011) *Genetics of venous thrombosis: insights from a new genome wide association study*. *PLoS ONE* 6(9): e25581. doi:10.1371/journal.pone.0025581

### Contribution to collective Insee publications

- Annual France, portrait social (France, social portrait) (2007 and 2008 editions);  
Les salaires en France (The wages in France) (2007 and 2008 editions)
- Quarterly Note of economic situation (from december 2006 to june 2008);  
French basic wage index evolution (from september 2006 to june 2008)

### Other

- 2021-2024 ***crish, a semi-fantastic comic that will teach you a few things about Research and Statistics***, online: <https://crish.fr/en>.

## Oral presentations

- 2024 **L'histoire dont vos donnees sont le heros : crish x Trainteract**, *French international seminar for statistics education (CFIES), Nice, France* (Presentation given with J.C. Quinton, of Grenoble Alpes University)
- 2023 **The overlooked potential of the comics medium to teach process-heavy statistical concepts**, *Researchers of Statistics Education Network (RoSE) Conference, Online*
- 2022 **Teaching Statistics with the comic crish**, *French international seminar for statistics education (CFIES), Ensaï, France*
- 2015 **Can Statistics save the day?**, *Public Lecture at James Cook University Singapore, Singapore*

- 2014 **Stat321, an on-line statistics textbook based on intuitive inferential reasoning**, *9th International Conference on Teaching Statistics (ICOTS), Flagstaff, United States.*
- 2012 **Introducing statistical concepts using intuition**, *French international seminar for statistics education (CFIES), Angers, France.*