CURRÍCULUM VITAE
September 2023

PERSONAL DATA

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RESEARCH INTERESTS

- Applied Statistics
- Bayesian Data Analysis
- Epidemiology
- Ecological Inference
- Authorship Attribution
- Customer Analysis

PUBLICATIONS

1. Puig X, Ginebra J (**2023**). Mapping Life Expectancy Loss in Barcelona in 2020. *The American Statistician*. DOI: 10.1080/00031305.2023.2197022.

2. Barrera J, Puig X, Ginebra J, Basagaña X. **(2023).** Conditional Poisson regression with random effects for the analysis of multi-site time series studies. *Epidemiology*. DOI: 10.1097/EDE.0000000000001664.

3. Plandolit B, Puig-de-Dou I, Costigan G, Puig X, Rodero L, Martínez JM (**2023**). A mixture model application in monitoring error message rates for a distributed industrial fleet. *Quality Engineering,* 35: 519-53. DOI: 10.1080/08982112.2022.2132866.

4. Vives-Mestres M, Casanova A, Puig X, Ginebra J, Rosen N (**2022**). Alcohol as a trigger of migraine attacks in people with migraine. Results from a large prospective cohort study in English-speaking countries. *Headache*, 62: 1329-1338. DOI: 10.1111/head.14428.

5. Puig-de-Dou I, González-Ibáñez D, Puig X (**2022**). Ranking customers for marketing actions with a two-stage Bayesian cluster and Pareto/NBD models. *Appl Stochastic Models Bus Ind.* 38: 609-6019.
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6. Puig X, Ginebra, J (**2022**). Bayesian spatiotemporal model for life expectancy mapping; Changes in Barcelona from 2007 to 2018. *Geographical Analysis, 54: 839-859.*
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7. Revollo B, Blanco I, Soler P, Toro J, Izquierdo-Useros N, Puig J, Puig X, Navarro-Pérez V, Casañ C, Ruiz L, Perez-Zsolt D, Videla S, Clotet B, Llibre JM (**2021**). Same-day SARS-CoV-2 antigen test screening in an indoor mass-gathering live music event: a randomised controlled trial. *Lancet Infectious Diseases, 21:1365-1372.*
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8. Grima P, Puig X, Tort-Martorell X (**2021**). Reducing variability of a critical dimension. *Quality Engineering, 33(2):361-366.*
(https://www.tandfonline.com/doi/full/10.1080/08982112.2021.1878535).

9. Puig X, Ginebra J (**2020**). Mapping vote transition at the 2012 outset of the Catalan push for independence. *Scottish Geographical Journal.* vol 136(1-4): 123-139.
(https://doi.org/10.1080/14702541.2020.1792537 - http://hdl.handle.net/2117/347383).

10. Puig X, Ginebra J, Graffelman J (**2019**). Bayesian model selection for the study of Hardy-Weinberg proportions and homogeneity of gender allele frequencies. *Heredity*, 123: 549-564. (https://doi.org/10.1038/s41437-019-0232-0).

11. Puig X, Ginebra J (**2018**). Outlier detection for multivariate categorical data. *Quality and reliability engineering international*, vol. 34(7):1400-1412. https://doi.org/10.1002/qre.2339

12. Puig X, Ginebra J, Graffelman J (**2017**). A Bayesian test for Hardy–Weinberg equilibrium of biallelic X-chromosomal markers. *Heredity*, 119: 226-236.
https://doi.org/10.1038/hdy.2017.30

13. Puig X, Font M and Ginebra, J (**2016**). A unified approach to authorship attribution and verification. *American statistician*, 70: 232 - 242.

14. Font M, Puig X, and Ginebra, J (**2016**). Bayesian Analysis of the Heterogeneity of Literary Style. *Revista colombiana de estadística*, 39:205-227.

15. Puig X, Font M and Ginebra, J (**2015**). Classification of literary style that takes order into consideration. *Journal of quantitative linguistics.* 22: 177-201.

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20. Font M, Puig X, Ginebra J (**2013**). A Bayesian analysis of frequency count data. *Journal of Statistical Computation and Simulation*, 83(2): 229-246 (http://dx.doi.org/10.1080/00949655.2011.600311).

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