


José L. Jiménez: Curriculum Vitae

CONTACT INFORMATION

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RESEARCH INTERESTS

Bayesian methods, Dose finding, Survival analysis

AWARDS

Marie Skłodowska-Curie Doctoral Fellowship. European Commission [Grant N° 633567] **2015 - 2018**
Travel award. XVth Spanish Biometric Conference and Vth Ibero-American Biometric Meeting **2015**

EDUCATION

Politecnico di Torino & Università degli Studi di Torino, Italy
Ph.D. in Pure and Applied Mathematics (Statistics) **2015 - 2018**

- Ph.D. Thesis Topic: *Innovative adaptive designs in oncology clinical trials with drug combinations*
- Supervisor: Mauro Gasparini. Co-advisor: Mourad Tighiouart [Cedars-Sinai Medical Center, USA]

Universidad Autónoma de Madrid, Spain
M.Sc. in Computer Science and Statistics **2013 - 2015**

Universidad Complutense de Madrid, Spain
B.Sc. in Statistics **2009 - 2013**

CURRENT POSITION

Statistician **10/2018 - Present**
Novartis, Basel, Switzerland

PAST ACADEMIC POSITIONS

Marie Curie Early Stage Researcher (*Assegnista di Ricerca* [SECS-S/01]) **10/2015 - 09/2018**
Politecnico di Torino, Department of Mathematical Sciences, Turin, Italy

- **Visiting Research Scholar** | Cedars-Sinai Medical Center, Los Angeles, USA **10/2017 - 12/2017**
Biostatistics and Bioinformatics Research Center. Supervisor: Mourad Tighiouart.
- **Visiting Research Scholar** | Novartis, Basel, Switzerland **04/2017 - 06/2017**
Statistical Methodology Group. Supervisor: Byron Jones.
- **Visiting Research Scholar** | Cedars-Sinai Medical Center, Los Angeles, USA **04/2016 - 06/2016**
Biostatistics and Bioinformatics Research Center. Supervisor: Mourad Tighiouart.

Statistician **04/2013 - 03/2015**
PharmaMar, Madrid, Spain

Statistician **01/2012 - 03/2013**
GEICAM (Spanish Breast Cancer Research Group), Madrid, Spain

Summary of Scientific Achievements (Google Scholar):

Publications: 9 — Total citations: 47 — h-index: 4 — i-index: 2

Published Articles [PEER-REVIEWED]

1. **Jiménez, J. L.** and Tighiouart, M. (2022). Combining cytotoxic agents with continuous dose levels in seamless phase I-II clinical trials. *Journal of the Royal Statistical Society: Series C (Applied Statistics)*. [Accepted for publication]
2. Magirr, D. and **Jiménez, J. L.** (2022) Design and Analysis of group-sequential clinical trials based on a modestly-weighted log-rank test in anticipation of a delayed separation of survival curves: A practical guidance. *Clinical Trials*, 19(2), 201-210.
3. **Jiménez, J. L.** (2022). Quantifying treatment differences in confirmatory trials under non-proportional hazards. *Journal of Applied Statistics*, 49(2), 466-484.
4. **Jiménez, J. L.**, Niewczas, J., Bore, A. and Burman, C.F. (2021). A modified weighted log-rank test for confirmatory trials with a high proportion of treatment switching. *Plos one*, 16(11), e0259178.
5. **Jiménez, J. L.**, Stalbovskaya, V. and Jones, B. (2020). Response to comments on “Properties of the weighted log-rank test in the design of confirmatory studies with delayed effect” by José L. Jiménez, Viktoriya Stalbovskaya and Byron Jones, *Pharmaceutical Statistics*, 2019; 18: 287 – 303, DOI: 10.1002/pst.1923. *Pharmaceutical statistics*, 19(5), 736–740.
6. **Jiménez, J. L.**, Kim, S. and Tighiouart, M. (2020). A Bayesian seamless phase I-II trial design with two stages for cancer clinical trials with drug combinations. *Biometrical Journal*, 62(5), 1300-1314.
7. **Jiménez, J. L.**, Stalbovskaya, V. and Jones, B. (2019). Properties of the weighted log-rank test in the design of confirmatory studies with delayed effects. *Pharmaceutical statistics*, 18(3), 287-303.
8. **Jiménez, J. L.**, Tighiouart, M. and Gasparini, M. (2019). Cancer phase I trial design using drug combinations when a fraction of dose limiting toxicities is attributable to one or more agents. *Biometrical Journal*, 61(2), 319-332.

Book Chapters [PEER-REVIEWED]

9. **Jiménez, J. L.**, Diniz, M.A., Rogatko, A., and Tighiouart, M. (2021). Designs of Early Phase Cancer Trials with Drug Combinations. In *Modern Statistical Methods for Health Research* (pp. 131-160). Springer, Cham.

Manuscripts Under Review

- Magirr, D. and **Jiménez, J. L.** Stratified modestly-weighted log-rank tests in settings with an anticipated delayed separation of survival curves. *arXiv:2201.10445* [Submitted]
- **Jiménez, J. L.** and Zheng, H. A Bayesian adaptive design for dual-agent phase I-II cancer clinical trials combining efficacy data across stages. *arXiv:2106.08277* [Submitted]
- Tighiouart, M., **Jiménez, J. L.**, Diniz, M.A. and Rogatko, A. Modeling synergism in early phase cancer trials with drug combination with continuous dose levels: is there an added value? *arXiv:2208.05726* [Submitted]
- **Jiménez, J. L.** and Tighiouart, M. A flexible Bayesian phase I-II design for the combination of targeted therapies. [Submitted]

PRESENTATIONS

Invited Presentations

[2022] 7th Early Phase Adaptive Trials Workshop. Cambridge, UK.
[2022] COMPSTAT 2022. International Conference on Computational Statistics. Bologna, Italy.
[2021] PSI [Statisticians in the Pharmaceutical Industry] One-Day Meeting: Non-proportional hazards and applications in immuno-oncology. Online.
[2019] ISBS 2019. International Symposium in Biopharmaceutical Statistics. Kyoto, Japan.
[2019] Symposium on Innovative Statistical Methods in Oncology [Organized by Servier]. Paris, France.

Contributed Oral and Poster Presentations

[2021] ISBA [International Society of Bayesian Analysis] World Meeting. Online. [2018] EFSPI Workshop. Basel, Switzerland. [2018] IBC [International Biometric Conference]. Barcelona, Spain. [2018] BAYES Workshop. Cambridge, UK. [2017] ISCB Conference. Vigo, Spain. [2017] PSI [Statisticians in the Pharmaceutical Industry] Annual Conference. London, UK. [2015] SBC [Spanish Biometric Conference]. Bilbao, Spain.

SERVICE TO PROFESSION

Journal Referee

Biometrical Journal; Pharmaceutical Statistics; Statistical Methods in Medical Research.

Organization of Scientific Events

Local committee of IBC 2018 Conference. Barcelona, Spain.	2018
Scientific and Local committee of the 5th Early Phase Adaptive Trials Workshop. Turin, Italy.	2016

Membership to Scientific Societies

International Society for Clinical Biostatistics [ISCB], International Biometric Society: Region Austria and Switzerland [ROeS], International Society for Bayesian Analysis [ISBA].

SKILLS

Languages: English (*fluent*), German (*intermediate*), Italian (*fluent*), Spanish (*native*)
Software: R (*advanced*), JAGS (*advanced*), L^AT_EX (*advanced*)

REFERENCES

References available upon request