Curriculum vita

Name: BOUREZAZ Houda

Rank: Maitre de conférences B (Associate professor B)

Department: Preparatory class, National Polytechnic school of Constantine

Email Address: bou.houda@live.fr

Educational Profile:

December, 2020	Frères Mentouri University- Constantine, Algeria Faculty of Exact Sciences, Department of Mathematics **Degree obtained:** LMD doctorate in mathematics option applied statistics **Topic:** Bayesian designs in experimental trials.
June 2012	Frères Mentouri University- Constantine, Algeria Faculty of Exact Sciences, Department of Mathematics **Degree obtained:** Master's degree in mathematics, option applied statistics **Final report:** The generalized linear model and epidemiological application.
June 2010	Frères Mentouri University- Constantine, Algeria Faculty of Exact Sciences, Department of Mathematics **Degree obtained:** Licenses' degree in mathematics, option applied statistics **Final report:** Databases with ACCESS.

Honors and Distinctions /

Scientific Activities & Membership of Scientific Societies

Scientific Activities -Trainings

From November 17, 2017 to December 16, 2017: A training at Blaise Pascal University-Clermont Ferrand, France for a period of one month supervised by Mr. Druilhet Pierre as a requirement of my doctoral studies.

From November 14, 2017 to December 13, 2017: A training at Blaise Pascal University-Clermont Ferrand, France for a period of one month supervised by Mr. Druilhet Pierre as a requirement of my doctoral studies.

From March 7, 2016 to April 5, 2016: A training at Blaise Pascal University-Clermont Ferrand, France for a period of one month supervised by Mr. Druilhet Pierre as a requirement of my doctoral studies.

April 2012: Forty-five days of training at Ibn Badis Hospital in Constantine, Epidemiology department, focused on generalized linear models and epidemiological applications.

May 2011: One month of training at ODEJ, focused on data collection and processing

May 2010: One month of training at the Department of Mathematics library, frères Mentouri University, on data and databases using ACCESS

List of Current Research Projects /

List of Research Interests

- Clinical and experimental trial.
- Inferential and Bayesian statistics.
- Biostatistics, epidemiology.

List of Current Research Interests

- Survival analysis and censured data.
- Extreme Value Theory.

List of Journal Publications

1. Bourezaz, H., Merabet, H. Druilhet, P. (2020) "Bayesian prediction modeling for two stage experimental trials for Poisson or Gamma distributed data", *Electronic Journal of Applied Statistical Analysis; vol 13(1), pp 268-283, e-ISSN: 2070-5948.*

List of Conference Papers

1. H .Bourezaz, H. Merabet, Bayesian prediction modeling for two-stage experimental trials, second National Mathematics Seminar, june 2, 2021, Frères Mentouri University-Constantine, Algeria. http://labomam.bessila.com/home.html.
2. H .Bourezaz, H. Merabet, Bayesian prediction to targeted experimental design, 1st edition of the National Doctorials of Mathematics, 28-31 October 2017, ENS Assia Djebar Constantine.
3. H .Bourezaz, H. Merabet, Prediction-Satisfaction index in experimental design for Poisson-Gamma model, ECMI-SciTech October 09-12, 2017, Frères Mentouri University- Constantine, Algeria.
4. H .Bourezaz, H. Merabet, Bayesian assurance in experimental trials, Congress of the Algerian Mathematical Society CMA'2016, 8 and 9 November 2016, Batna 2 University, Algeria.
5. H .Bourezaz, H. Merabet, Les plans bayésiens dans les essais expérimentaux, International Conference of Statistics & Advanced Applications «CISAA'2014 »,30 November ,01 December 2014, Frères Mentouri University- Constantine, Algeria. dmumc.net/
6. H. Bourezaz, H. Merabet, Les plans bayésiens dans les essais expérimentaux International Conference of Stochastic and Statistical Modeling MSS'2014, 23-25 November 2014, USTHB Alger,Algeria, mss2014. jimdo.com/

List of Doctorial in Mathematics Department

1. H .Bourezaz, H. Merabet, L'indice de satisfaction dans le design séquentiel des expériences, Doctorial of 21 April 2018, Frères Mentouri University- Constantine, Algeria.
2. H .Bourezaz, H. Merabet, La prédiction bayésienne dans la conception séquentielle des expériences et les méthodes d'assurance, Doctorial of 22 April 2017, Frères Mentouri University- Constantine, Algeria.
3. H .Bourezaz, H. Merabet, La prédiction bayésienne de satisfaction dans les essais expérimentaux, Doctorial of 23 April 2016, Frères Mentouri University- Constantine, Algeria.
4. H .Bourezaz, H. Merabet, L'approche bayésienne prédictive aux essais expérimentaux Doctorial of April 2015, Frères Mentouri University- Constantine, Algeria.
5. H .Bourezaz, H. Merabet, Les plans Bayésiens dans les essais expérimentaux, Doctorial of 02 - 07 March 2013, Frères Mentouri University- Constantine, Algeria.

List of Current Doctoral Research Students Supervision /