

CURRICULUM VITAE

May 28, 2020

Personal Information



Name: Omidali Aghababaei Jazi
Address: 686 Bay St. 11th floor, L17 South
The Hospital for Sick Children, PGCL
Toronto, ON, M5G 0A4.
E-mail: omid.ghababaeijazi@sickkids.ca
Phone Number: 438-873-4388

Education & Research

Ph.D.	Statistics	Fall 2013- May 2019	McGill University	Montreal, Canada.
Researcher/Lecturer		2010-2013	NOET, Faculty of Statistics and Informatics	Tehran, Iran.
M.Sc.	Statistics	2007-2010	Shahid Beheshti University	Tehran, Iran.
B.Sc.	Statistics	2003-2007	Isfahan University of Technology	Isfahan, Iran.

Research Interests

I am currently a research fellow at the Department of CHES, Sickkids Hospital. My research interests are longitudinal data analysis, and estimation and variable selection for survival models with low and high-dimensional prevalent cohort data.

Awards & Scholarship

- ISM Scholarship for Outstanding PhD Candidates, *Montreal, Canada, winter 2018*.
- Full Scholarship from the Department of Math and Stats of McGill University for the Ph.D. Program, *Montreal, Canada, 2013-2017. (Schulich, StatLab, NSERC, CRM, GREAT)*
- Highest GPA*, M.Sc. Program in Statistics, Beheshti University, *Tehran, Iran, 2010*.
- First Rank, Individuals and Teams, 8th Iranian University Students Statistics Competitions, *Mazandaran, Iran, 2007*.
- Second Rank, 12th National Scientific Olympiad in Statistics, *Iran, 2007*.

Teaching Experience (Material available on www.math.mcgill.ca/omidali/)

- **Teaching Graduate Course in Probability and Statistics**, McGill University, *Fall 2018*.
- **Teaching Assistant**, McGill University (Calculus I, II, Probability, Statistics, Principle of Statistics I), *Fall 2014-Winter 2018*.
- **Teaching Assistant/Teaching**, Beheshti University/NOET (Sampling Methods, Stochastic Processes/ Linear Algebra, Probability, Math Stats), *2007-2012*

Recent Publications

- Aghababaei, O., Asgharian, M., Khalili, A. (2020). Maximum Approximate Partial Likelihood Estimation under Cox model for Length-biased Data with Heavy Censoring, *Biometrika*.

* (18.47 out of 20)

- Aghababaei, O., Asgharian, M., Khalili, A. (2020). Variable Selection in Cox Model for Length-biased Data with Heavy Censoring, manuscript.
- Aghababaei, O., Asgharian, M., Khalili, A. (2020). Tuning Parameter Selection in Penalized Estimating Function under Length-biased Sampling.

Recent Presentation

- Aghababaei, O., BUGS computational Workshop, Dalla Lana School of Public Health, University of Toronto, 2019.
- Aghababaei, O., MAPLE; Semiparametric Estimation and Variable Selection for Length-biased Data with Heavy Censoring, Department of Math & Stats, McGill University, 2019.

Experience & Skills

- Member of Postdoc Advisory Committee (PDAC) at Sickkids Hospital.
- Reviewer for the Journal of Biometrics and the Canadian Journal of Statistics.
- Worked and analyzed medical science datasets (SEER, CSHA, NIHS)
- Knowledge of statistical packages for analyzing dataset (R, Excel, SPSS.)

Referees

Eleanor Pullenayegum University of Toronto Eleanor.pullenayegum@sickkids.ca 416-813-7654 x301031	Masoud Asgharian McGill University masoud@math.mcgill.ca 514-398-1461	Abbas Khalili McGill University khalili@math.mcgill.ca 514-398-3842
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