Adel Mohammadpour

Curriculum Vitae

Heavy-Tail, Large Scale Data Science, Mining, Analysis

Experience

2000-Present	**Faculty Member**, *Department of Statistics, Faculty of Math. & Computer Science*, Amirkabir University of Technology (Tehran Polytechnic).
2017Summer	**Visitor**, *Ecole Polytechnique de Montreal*, GERAD.
2014	**Sabbatical**, *Department of Economics*, McGill University.
2006–2010	**Vice-Chancellor**, *Statistical Research and Training Center*, Iran.
2003–2006	**Post-Doc**, *Laboratoire des signaux et systèmes*, CNRS-Univ. Paris 11, Supélec.
2002–2003	**Visitor**, *Équipe Probabilités et Statistiques*, Départ. de Math., Univ. Paris 11.

Education

1995–2000	**Ph.D. in Statistics**, *Shiraz University, Exemplar student in Iran*.
1993-1995	**M.Sc. in Statistics**, *Shiraz University, First rank student*.
1989-1993	**B.Sc. in Statistics**, *Shiraz University, First rank student*.

Teaching Courses

B.Sc.	**Simulation, Statistical Methods, Time Series**.
M.Sc.	**Data Mining, Statistical Inference, Statistical Learning, Research Methods**.
Ph.D.	**Advance Statistical Inference, Clustering and Visualization**.

Computer Skills

Intermediate	C, SAS, SPSS, MATLAB, Mathematica, LaTeX, Microsoft Office, Linux
Advanced	Fortran, S-Plus, R

Books in Persian (Available on adelm.ir)

2004	**Statistics Virtual Laboratory**, *Activities with S-Plus*.
2012	**Research Method**, *Manuscript*.
2016-2018	**Mathematics and Statistics**, *Grade 10, 11, 12*.
2017	**Statistics and Probability**, *Grade 11*.
2019	**Clustering Heavy-Tailed Data**, *In Progress*.

Projects

2000-2002	**Statistical Methods Laboratory**, *SRTC*, Statistical Research and Training Center.
2002-2003	**Inference with Imprecise Data**, *IPM*, School of Computer Science.
2003-2006	**Hyperspectral Image Segmentation**, *CNRS*, Supélec.
2007-2008	**Characterization of Sub-Independent Stable RV**, *IPM*, School of Mathematics.
2008-2009	**Time Series Laboratory**, *SRTC*.
2009-2010	**Statistics Science-Metric in Iran**, *ISS*, Iranian Statistical Society.
2010-2011	**Statistical Terms in Persian based on ISI Data Base**, *SRTC*.
2010-2012	**Feasibility of Internet Survey in Iran**, *SRTC*.
2012-2013	**Simulating Electronic Banking**, *AUT*, Amirkabir University of Technology.
2013-2014	**Comparing Anomaly Detection Methods**, *AUT*.
2015-2016	**Anomaly Detection in Banking**, *AUT*.

Languages

Persian	**Mothertongue**
English	**Intermediate**
French	**Intermediate**
Arabic	**Basic**

References

CNRS	**Ali Mohammad-Djafari**	*Laboratoire des signaux et systèmes, CentraleSupélec–CNRS–Univ Paris 11, Ali.Mohammad-Djafari@lss.supelec.fr 331 6985 1741*
UoT	**Rahim Moineddin**	*Department of Family and Community Medicine, University of Toronto, rahim.moineddin@utoronto.ca 416 946-5860*
Kuwait Univ	**Ahmad R. Soltani**	*Department of Statistics and Operations Research, Kuwait Univ, soltani@kuc01.kuniv.edu.kw*
AUT	**Mehdi Dehghan**	*Faculty of Math. & CS, Amirkabir Univ Tech, Tehran Polytechnic, mdehghan@aut.ac.ir 98 21 6454 2503*