

Hossein Zamani

Cirriculum Vitae

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• EDUCATION

2012 **Ph.D. (Statistics)**, UKM, Malaysia

Thesis: SEVERAL NEW MODELS FOR COUNT DATA WITH APPLICATION IN INSURANCE
Supervisor: Prof. Noriszura ismail

2004 **M.Sc. (Mathematical Statistics)**, Shiraz University, Iran

Thesis: Compound Mixed Poisson Distribution
Supervisor: Prof. Nahid Sanjari

2002 **B.Sc. (Statistics)**, Razi University, Iran (first rank)

• RESEARCH INTERESTS

- **Distribution Theory**
- **Mixed models**
- **Regression**
- **Generalized Linear Models**
- **Data Mining**
- **Time Series**

• PUBLICATIONS

1. **Zamani, H.**, Ismail, N. 2013. Score Tests for Testing Zero-Inflated Poisson Regression against Zero-Inflated Generalized Poisson Alternatives. *Journal of Applied Statistics*. 40: 9, 2056 - 2068
2. **Zamani, H.**, Ismail, N. 2012. Functional form for the generalized Poisson regression model. *Communications in Statistics - Theory and Methods*. 41:20, 3666-3675.
3. **Zamani, H.**, Ismail, N. 2014. Functional form for the zero-inflated generalized Poisson regression model. *Communications in Statistics - Theory and Methods* 43: 515 - 529
4. **Zamani, H.** & Ismail, N. 2010. Negative binomial-Lindley distribution and its application. *Journal of Mathematics and Statistics*. 6(1), 4-9.
5. **Zamani, H.** & Ismail, N. 2014. Poisson-weighted exponential univariate version and regression mode with applications. *Journal of Mathematics and Statistics*. 10(2): 148-154
6. **Zamani, H.**, Ismail, N. 2013. Estimation of claim count data using negative binomial, generalized Poisson, zero-inflated negative binomial and zero- inflated generalized Poisson regression models. *Casualty Actuarial Society Forum*, Spring 2013-05-17

7. **Zamani, H.**, Ismail, N. 2013. Score test for testing Poisson regression against generalized Poisson alternatives. *AIP conference proceedings*.1522
8. **Zamani, H.**, Faroughi, P., Ismail, N. 2014. Estimation of count data using mixed Poisson, generalized Poisson and finite Poisson mixture regression models. *AIP conferece proceedings*.1602
9. Nikmanesh, S., Hamzah, N., **Zamani, H.** 2014. Poisson weighted-Lindley distribution and its application on insurance claim data. *AIP prceedings*. 1605.
10. **Zamani, H.**, Faroughi, P., Ismail, N. 2015. Bivariate Poisson-Lindley Distribution with Application. *Journal of Mathematics and Statistics*. 11(1): 1-6.
11. **Zamani, H.**, Faroughi, P., Ismail, N . Bivariate Generalized Poisson Regression Model: Applications on Health Care Data. *Empirical Economics*. (DOI: 10.1007/s00181-015-1051-7).

• CONFERENCES

1. **Hossein Zamani** & Noriszura Ismail. Functional form for the generalized Poisson regression model and its application in insurance. 2011. *Proceedings of the International Training and Seminars on Mathematics* (ITSM2011), Samarkand State University, Samarkand, Uzbekistan.
2. **Hossein Zamani** & Noriszura Ismail. 2010. Poisson-WE distribution and its application. *Proceedings 2nd International Conference on Mathematical Sciences* (ICMS2010), PWTC, Kuala Lumpur, 955-962.
3. **Hossein Zamani** & Noriszura Ismail. 2013. Bivariate Poisson-weighted exponential distribution with application, *ICMS2013*, Penang, Malaysia.
4. **Hossein Zamani** & Noriszura Ismail. 2012. Functional form for the zero-inflated generalized Poisson regression model. *The 11th Iranian conference in Statistics*. Tehran. Iran university of Science and Technology.

• PROJECTS

- Statistical Analysis of output operational data in Sarkhoon gaz refinery, Sarkhoon gaz refinery, Bandar Abbas, Iran.

• TEACHING EXPERIENCE

Full-Time Lecturer. Statistical group (head of group). Hormozgan University, BandarAbbas, Iran.

- Statistical Inference
- Regression
- Multivariate Analysis
- Time Series (Master of Meteorology)
- Advanced Statistics (Master of Marine Environment)
- Statistical Analysis (MBA)

Part-Time Lecturer. Azad University, BandarAbbas, Iran.

- Statistical Analysis (MBA)

- TECHNICAL SKILLS

Languages R

Packages MINITAB, SPSS