

REZA ALI AKBARI KHOEI

Currently searching for a assistant professor position

Please note that this is a *real* resume, and I'm really looking for a assistant professor position at the moment. If you are interested in my background and skills, please feel free to contact me.



EDUCATION

- 2008 | 2012
University of Tabriz
B.S. in Statistics
Tabriz, Iran
- 2012 | 2014
University of Social Welfare and Rehabilitation Sciences
M.S. in Biostatistics
Tehran, Iran
Thesis: Application of Cure Models in thalassemia major disease
- 2016 | 2020
Tarbiat Modares University
PhD. in Biostatistics
Tehran, Iran
Dissertation: Bayesian Approach in Zero-inflated Double Poisson Modeling and its Application in Medical Data

CONTACT INFO

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- 🐙 github.com/reza-akhoei
- ☎ +989141638121

For more information, please visit

[My website](#)

RESEARCH EXPERIENCE

- 2020 | present
Statistician and Biostatistician
Research Development and Coordination Center (RDCC), Tabriz
Unuversity of Medical Sciences
Tabriz, Iran
 - Performing statistical analysis for researchers and students: methods such as regression models and meta analysis etc.
 - Teaching statistical methods ans statistical softwares such as R and SPSS for researchers
 - Statistical Consultations for proposals of students and researchers

SKILLS

Highly skilled in **R**, **rmarkdown**, **SPSS**, **STATA** and **WinBugs(OpenBugs)**

Experienced in machine learning models, Text Mining Methods.

Full Experience with Survival Analysis (**my M.S. thesis**)

Full experience with Count Data Analysis with **Bayesian Approach (my PhD dissertation)**.

*This resume was made with the R package **pagedown**.*


Last updated on 2023-01-01.

PROFESSIONAL EXPERIENCE

2020
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present

Biostatistician

Research Development and Coordination Center (RDCC), Tabriz University of Medical Sciences

 Tabriz, Iran

- Statistical consulting to researchers
- Wrote statistical reports of data using rmarkdown (a package in R) in forms of word, pdf and HTML.
- Scientometric analysis of information of databases such as Scopus and PubMed
- Currently working on fMRI (functional magnetic resonance imaging) data as a member of a research team
- Taught **R programming language** to beginners
- Taught **SPSS** to students to beginners


TEACHING EXPERIENCE

WORKSHOPS

2020

Basics of Survival Analysis Medical Researchers


Instructor of Survival plots and Models using SPSS at Liver and Gastrointestinal Diseases Research Center (Tabriz University of Medical Sciences)

 Tabriz, Iran

2020
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2022

Statistical Methods using SPSS and G-Power (Virtual School of Statistics) for Interested Medical Researchers (5 day Workshop)

Data entry, plots, Statistical tests and advanced methods using **SPSS**, Different types of sampling methods, Sample size calculation using **G-Power**, Statistical guidelines for authoring articles

 Tabriz, Iran

2021

Introduction to R Language for Beginners.


Instructor of **R programming language** with a focus on data importing and visualization approach using **ggplot2** package) course at RDCC

 Tabriz, Iran

2021

Introduction to SPSS for Medical Students.

Teaching plots, statistical tests and regression models using **SPSS** For Master Degree Students at workshops

 Tabriz, Iran

2021

fMRI Physics and Clinical Applications


An Introduction to **fMRI** in terms of statistics to These Data for Interested Researchers

 Tabriz, Iran

2022

Research method: sample size

Common formulas for sample size and its calculation using **G-Power**

 Tabriz, Iran

2022

Scientometric Analysis and its application in artificial intelligence field

A road map for researchers interested in **artificial intelligence** and determination of hot topics

📍 Tabriz, Iran

CLASSES

2021

2022

Time Series Model in Epidemiology for PhD Students in Epidemiology

An introduction to Time Series, fitting models using **R**, Preparation of Reports(Including **R** outputs and notes) using **rmarkdown**.

📍 Tabriz, Iran

2022

Advanced Statistical Methods for PhD Students in Immunology

Data entry, plots, Statistical tests and advanced methods using **SPSS**, Different types of sampling methods, Sample size calculation using **G-Power**.

📍 Tabriz, Iran

SOME OF MY PUBLICATIONS

2017

Survival analysis of thalassemia major patients using Cox, Gompertz proportional hazard and Weibull accelerated failure time models

Published in Medical Journal of the Islamic Republic of Iran (MJIRI)

📍 Tehran, Iran

2020

Analysis of Infant Congenital Malformation Data using the Bayesian Count Regression

Published in Iranian Red Crescent Medical Journal
Reza Ali Akbari Khoei , Anoshirvan Kazemnejad2, Farzad Eskandari and Mohammad Heidarzadeh.

📍 Tehran, Iran

2021

Contribution Factors on Congenital Malformations in Neonates in Iran

Published in Iranian Journal of Pediatrics

📍 Tehran, Iran

Sevda Riyahifar, **Reza Ali Akbari Khoei** and Kayvan Mirnia.

2022

Bisphosphonates and Prevention of the Perimenopausal Breast Cancer Recurrence: A Systematic Review and Meta-Analysis

Published in Journal of Breast Cancer

📍 Seoul, Korea

Zohreh Sanaat; Ozra Nouri; Monireh Khanzadeh; Hadi Mostafaei; Nafiseh Vahed; Neda Kabiri; **Reza Ali Akbari Khoei**; Hanieh Salehi-Pourmehr