



عباس مقیم بیگی

مهرماه ۱۳۹۸

تحصیلات

مقطع تحصیلی	رشته تحصیلی	دانشگاه	مقطع زمانی
کارشناسی	آمار	شیراز	۱۳۶۹-۱۳۷۳
کارشناسی ارشد	آمار زیستی	علوم پزشکی تهران	۱۳۷۳-۱۳۷۷
PhD	آمار زیستی	علوم پزشکی تهران	۱۳۸۲-۱۳۸۷*

* فرصت مطالعاتی: از تابستان ۱۳۸۶ لغایت ۱۳۸۶ به مدت ۶ ماه در دانشگاه آکلند کشور نیوزلند دپارتمان آمار جهت تکمیل رساله دکتری

مشخصات پایان نامه های مقاطع کارشناسی ارشد و دکتری

مقطع تحصیلی	عنوان	استاد راهنما	نمره
کارشناسی ارشد	تعیین برخی فاکتورهای موثر بر رشد کودکان زیر یکسال تحت مراقبت مراکز بهداشتی و درمانی شهری شهرستان کرج با استفاده از مدل های چندسطحی و معرفی مدل های مذکور در مطالعات رشد	دکتر محمدرضا اشراقیان	۱۹/۵
PhD	ترکیب مدل های چند سطحی و کاربرد آنها در داده های شمارشی	دکتر محمدرضا اشراقیان و دکتر کاظم محمد	۲۰

تلفن همراه: ۰۹۱۲۵۶۸۳۷۷۲

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سابقه هیئت علمی

مقطع زمانی	گروه آموزشی	مرتبه علمی	دانشگاه
۱۳۸۵-۱۳۸۷	آمار زیستی و اپیدمیولوژی	مری	علوم پزشکی همدان
۱۳۸۷-۱۳۹۱	آمار زیستی و اپیدمیولوژی	استادیار	علوم پزشکی همدان
۱۳۹۱-۱۳۹۶	آمار زیستی و اپیدمیولوژی	دانشیار	علوم پزشکی همدان
۱۳۹۶ تاکنون	آمار زیستی	استاد	علوم پزشکی همدان

مسئولیت اجرایی

- عضو هیات ممکنه و ارزشیابی منطقه ای رشته آمار زیستی در سال ۹۸
- رئیس مرکز تحقیقات مدل سازی بیماری های غیرواگیر از سال ۱۳۹۲ تا پایان شهریور ۱۳۹۸
- معاون گروه آمار زیستی و اپیدمیولوژی علوم پزشکی همدان از سال ۸۹ تا ۹۱
- عضو موسس مرکز تحقیقات بروسوز
- عضو موسس مرکز تحقیقات مدل سازی بیماری های غیر واگیر
- عضویت در شورای پژوهشی و تحصیلات تکمیلی دانشکده دندانپزشکی دانشگاه علوم پزشکی همدان به مدت ۴ سال
- عضویت در شورای پژوهشی کمیته تحقیقات دانشجویی دانشگاه علوم پزشکی همدان به مدت ۴ سال
- عضویت در کمیته EDO دانشکده بهداشت دانشگاه علوم پزشکی همدان
- عضو هیئت تحریریه مجله Journal of Biostatistics & Computational Biolog
- عضویت در هیئت تحریریه مجله AVECIENA JOURNAL OF DENTAL RESEARCH
- مشاور مجله مهندسی بهداشت حرفه ای
- داوری مقالات مجلات زیر:

Statistics in Medicine

Journal of Applied Statistics

Journal of Information Sciences

Journal of Computational Statistics and Data analysis

Journal of Statistical Computation and Simulation

Biometrical journal

Iranian journal of Public Health

Journal of Research in Health Sciences

Statistics

G3(Genes|Genomes|Genetics)

Tumor Biology

مجله دانشگاه علوم پزشکی همدان

مجله کومش

مجله مدل سازی پیشرفته آماری

مجله علوم پایه

شرکت در کارگاه‌ها

۱. آشنایی با روش تهیه و اجرای طرح های آماری
۲. داده کاوی
۳. بی پاسخی در آمارگیری ها: کاستن، وزن دهی، جانپی
۴. برآورد واریانس در آمارگیری های پیچیده
۵. اندازه گیری خطای کل در ارزیابی سرشماری های جمعیتی با استفاده از برآورد سیستم چندگانه
۶. Suboriginal Course on Sampling Design and Applications
۷. مدیریت کیفیت آماری
۸. کارگاه روش تحقیق پیشرفته و Endnote
۹. استراتژیهای آموزشی و روشهای تدریس
۱۰. برنامه ریزی آموزشی، طرح درس و روش تدریس
۱۱. ارزشیابی مقدماتی
۱۲. ارزشیابی پیشرفته (M.C.Q)
۱۳. برنامه ریزی استراتژیک
۱۴. اخلاق و آداب معلمی

برگزاری کارگاه

- ۱- روش تحقیق مقدماتی
- ۲- آموزش SPSS
- ۳- روش های آماری مقدماتی و پیشرفته

راهنمایی و مشاوره پایان نامه

- راهنمایی ۹ پایان نامه دکتری تخصصی (PhD) آمارزیستی که ۳ نفر از آنها فارغ التحصیل شده اند.
- راهنمایی ۱۵ پایان نامه کارشناسی ارشد آمار زیستی
- مشاوره بیش از ۱۰۰ پایان نامه دکتری تخصصی و عمومی پزشکی و دندانپزشکی
- مشاوره بیش از ۳۰ پایان نامه دکتری تخصصی و کارشناسی ارشد سایر رشته های علوم پایه پزشکی

- در سال ۱۳۸۹ در دانشکده بهداشت علوم پزشکی همدان
- در سال ۱۳۹۰ در دانشگاه علوم پزشکی همدان
- در سال ۱۳۹۱ در دانشگاه علوم پزشکی همدان
- در سال ۱۳۹۳ در دانشگاه علوم پزشکی همدان و استان همدان
- در سال ۱۳۹۴ در دانشگاه علوم پزشکی همدان
- در سال ۱۳۹۵ در دانشگاه علوم پزشکی همدان
- در سال ۱۳۹۶ در دانشگاه علوم پزشکی همدان

Published papers

2020

1. Seyedtabib M, **Moghimbeigi A**, Mahmoudi M, Majdzadeh R, H Mahjub H. Pattern and determinant factors of birth intervals among Iranian women: a semi-parametric multilevel survival model. Journal of biosocial science 52 (4), 534-546
2. Eghbalian M, **Moghimbeigi A (correspondence author)**, Mahmoodi M, I Mohamadfam I. The Application of Non-Parametric Count Models for the Modeling of Female's Accident Rates in Hamadan Province from 2009 to 2016. Iranian journal of public health 49 (4), 763-772.
3. Parami S, Tapak L, **Moghimbeigi A**, Poorolajal J, Ghaleiha A. Determining correlates of the average number of cigarette smoking among college students using count regression models. Scientific Reports (Nature Publisher Group) 10 (1)
4. Gholi Mezerji NM, **Moghimbeigi A (correspondence author)**, Eghbalian M, Kopaei MR. Investigating the effect of herbal antioxidants on the process of colon cancer treatment: A systematic review. Cogent Medicine 7 (1), 1735682

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1. Oshvandi K, Bostanbakhsh A, Salavati M, Bakhsai M, Moghimbeigi A. Effect of respiratory exercises on the prevalence of atelectasis in patients undergoing coronary artery bypass surgery. Vicenna Journal of Nursing and Midwifery Care. 27 (6)
2. Sarvi F, **Moghimbeigi A (correspondence author)**, Mahjub H. GEE-based zero-inflated generalized Poisson model for clustered over or under-dispersed count data. Journal of Statistical Computation and Simulation. 2019 Jun 25:1-22.
3. Zandkarimi E, **Moghimbeigi A (correspondence author)**, Mahjub H, Majdzadeh R. Robust inference in the multilevel zero-inflated negative binomial model. Journal of Applied Statistics. 2019 Jul 2:1-9.
4. Ebrahimikhah M, **Moghimbeigi A**, Hazavehei SM, Rezapur-Shahkolai F. Beliefs and performances of elementary school students to prevent road traffic injuries, using Health Belief Model: a study from Hamadan, Iran. Journal of injury and violence research. 2019 Jul;11(2):213.

5. Sarvi F, **Moghimbeigi A (correspondence author)**, Mahjub H, Nasehi M, Khodadost M. Factors associated with mortality from tuberculosis in Iran: an application of a generalized estimating equation-based zero-inflated negative binomial model to national registry data. *Epidemiology and health*. 2019;41..2019; 41.Korean Society of Epidemiology
6. Akbarzadeh M, **Moghimbeigi A (correspondence author)**, Morris N, Daneshpour MS, Mahjub H, Soltanian AR. A Bayesian structural equation model in general pedigree data analysis. *Statistical Analysis and Data Mining: The ASA Data Science Journal*. 2019.
7. Keramat F, Karami M, Alikhani MY, Bashirian S, **Moghimbeigi A**, Adabi M. Cohort profile: Famenin brucellosis cohort study. *Journal of research in health sciences*. 2019 ;19(3):e00453.
8. Zargarani M, Baghaei F, **Moghimbeigi A**, Baghai F. Explanation for different behavior of peripheral and central giant cell granuloma by CD44 and CD34 immunostaining. *Journal of investigative and clinical dentistry*. 2019 Aug 21:e12451.
9. Resaei-Soufi L, Ghanadan K, **Moghimbeigi A**. The effects of Er: YAG, Nd: YAG, and Diode (940nm) Lasers irradiation on Microtensile bond strength of two steps self-etch adhesives. *Laser Therapy* 2019; 28(2):131-137.
10. Navab E, Esmaeili M, Poorkhorshidi N, Salimi R, Khazaei A, **Moghimbeigi A**. Predictors of Out of Hospital Cardiac Arrest Outcomes in Pre-Hospital Settings; a Retrospective Cross-sectional Study. *Archives of academic emergency medicine* 2019; 7(1)
11. Fathi N, Hoseinipناه SM, Alizadeh Z, Assari MJ, **Moghimbeigi A**, Mortazavi M, Hosseini MH, Bahmanzadeh M. The effect of silver nanoparticles on the reproductive system of adult male rats: A morphological, histological and DNA integrity study. *Advances in clinical and experimental medicine: official organ Wroclaw Medical University* 2019;28:299-305.
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13. Moeini B, Hazavehei MM, **Moghimbeigi A**, Homayonfar S, Moslem A, Mirmoosavi SJ, Heravi MD. Relationship between Adults' Blood Pressure, Occupation and Physical Activity: A cross-sectional study among 20 to 65 years adults in Sabzevar, Iran. *BRAIN Broad Research in Artificial Intelligence and Neuroscience* 2019;10:141-6.
14. Hassanian ZM, Sadeghi A, **Moghimbeigi A**, Relationship between nurses' social responsibility and the quality of delivered nursing services to patients in Hamadan University of Medical Sciences, Iran *Journal of the Pakistan Medical Association*, 2019, 69 (1)

2018

1. Amini P, Verbeke G, Zayeri F, Mahjub H, Maroufizadeh S, **Moghimbeigi A (correspondence author)**. Longitudinal joint modelling of binary and continuous outcomes: A comparison of bridge and normal distributions. *Epidemiology, Biostatistics and Public Health* 2018;15.

2. Sarokhani D, Parvareh M, Dehkordi AH , Sayehmiri K, **Moghimbeigi A (correspondence author)**. Prevalence of depression among Iranian elderly: Systematic review and meta-analysis Iranian journal of psychiatry 2018 13 (1), 55
3. Fallahinia G, Gharabaghi A, Azizi A, **Moghimbeigi A**. The Effect of Standard Suction Training by Group Method Education on Nurses' Performance in Critical Care Unit. Scientific Journal of Hamadan Nursing & Midwifery Faculty 2018;26:154-45.
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7. JABBARI H, ZARGARAN M, JAMSHIDI S, **MOGHIMBEIGI A**. THE STUDY OF CELLULAR PROLIFERATION IN ORAL SQUAMOUS CELL CARCINOMA: ANIMMUNOHISTOCHEMICAL STUDY BY KI67 MARKER. 2018.
8. Mahdavi N, Motamedzade M, Jamshidi AA, Darvishi E, **Moghimbeygi A**, Heidari Moghadam R. Upper trapezius fatigue in carpet weaving: the impact of a repetitive task cycle. International Journal of Occupational Safety and Ergonomics 2018;24:41-51.
9. Mahmoodi M, **Moghimbeigi A (correspondence author)**, Mohammad K, Faradmaj J. Semiparametric models for multilevel overdispersed count data with extra zeros. Statistical methods in medical research 2018;27:1188-201.
10. Mamani M, Majzoobi MM, Keramat F, Varmaghani N, **Moghimbeigi A**. Seroprevalence of brucellosis in butchers, veterinarians and slaughterhouse workers in Hamadan, Western Iran. Journal of research in health sciences 2018;18.
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16. Yazdi-Ravandi S, Shamsaei F, Matinnia N, **Moghimbeigi A**, Shams J, Ahmadpanah M, Ghaleiha A. Executive functions, selective attention and information processing in

- patients with obsessive compulsive disorder: A study from west of Iran. Asian journal of psychiatry 2018;37:140-5.
17. Yazdi-Ravandi S, Shamsaei F, Matinnia N, Shams J, **Moghimbeigi A**, Ghaleiha A, Ahmadpanah M. Cognitive Process in Patients With Obsessive-Compulsive Disorder: A Cross-Sectional Analytic Study. Basic and clinical neuroscience 2018;9:448.
 18. Zargarani M, Baghaei F, **Moghimbeigi A**. Comparative study of β -catenin and CD 44 immunoexpression in oral lichen planus and squamous cell carcinoma. International journal of dermatology 2018;57:794-8.

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1. Oshvandi K, Fallahinia G, Naghdi S, **Moghimbeygi A**, Karkhanei B. Effect of Pain Management Training on Knowledge, Attitude and Pain Relief Methods of Recovery Nurses. J Nurs Educ 2017;6:31-40.
2. Rezapur-Shahkolai F, Afshari M, **Moghimbeigi A**, Hazavehei SMM. Home-related injuries among under-five-year children and mothers' care regarding injury prevention in rural areas. International journal of injury control and safety promotion 2017;24:354-62.
3. Sharifi M, Karimi-Shahanjarini A, Bashirian S, **Moghimbeigi A**. The effect of an educational intervention on the consumption of healthy snacks in children 1-5 years old. Journal of hayat 2017;22:381-93.
4. Soltanzadeh A, Mohammadfam I, **Moghimbeygi A**, Ghiasvand R. Exploring causal factors on the severity rate of occupational accidents in construction worksites. International journal of civil engineering 2017;15:959-65.
5. Bahrami A, Ghamari F, Yamini Y, Ghorbani Shahna F, **Moghimbeigi A**. Hollow fiber supported liquid membrane extraction combined with HPLC-UV for simultaneous preconcentration and determination of urinary hippuric acid and mandelic acid. Membranes 2017;7:8.
6. Dehnavi S, Vahedi A, **Moghimbeigi A**. The effects of ergonomic interventions in manual activities to reduce musculoskeletal disorders in manual activities by ManTRA. Iranian Journal of Ergonomics 2017;4:57-67.
7. Ghamari F, Bahrami A, Yamini Y, Shahna FG, **Moghimbeigi A**. Hollow-fiber liquid-phase microextraction based on carrier-mediated transport for determination of urinary methyl hippuric acids. Toxicological & Environmental Chemistry 2017;99:760-71.
8. Ghasemi F, Kalatpour O, **Moghimbeigi A**, Mohammadfam I. Selecting strategies to reduce high-risk unsafe work behaviors using the safety behavior sampling technique and Bayesian network analysis. Journal of research in health sciences 2017;17.
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- five-year children in rural Twiserkan, Iran. The Turkish journal of pediatrics 2017;59:648-56.
12. Akbarzadeh M, **Moghimbeigi A (correspondence author)**, Morris N, Daneshpour MS, Soltanian AR, Mahjub H. Association of gene variants with longitudinal changes in high density lipoprotein cholesterol among Tehranian people: A latent growth curve model. An International Peer Reviewed Open Access Journal For Rapid Publication 2017:238.
 13. Ghasemi H, Khodadadi I, Fattahi A, **Moghimbeigi A**, Tavalani H. Polymorphisms of DNA repair genes XRCC1 and LIG4 and idiopathic male infertility. Systems biology in reproductive medicine 2017;63:382-90.
 14. Mohammadfam I, Ghasemi F, Kalatpour O, **Moghimbeigi A**. Constructing a Bayesian network model for improving safety behavior of employees at workplaces. Applied ergonomics 2017;58:35-47.
 15. Mohammadfam I, Soltanzadeh A, **Moghimbeigi A**, Akbarzadeh M. Confirmatory factor analysis of occupational injuries: presenting an analytical tool. Trauma monthly 2017;22.
 16. Olfatifar M, Karami M, Hosseini SM, Parvin M, **Moghimbeigi A**, Kousha A, Motlagh A, Abdolahi M, Partovipour E. Space-time analysis of breast cancer and its late-stage cases among Iranian women. Iranian journal of public health 2017;46:1413.
 17. Olfatifar M, Karami M, **Moghimbeigi A**, Motlagh A, Rooshanaee G, Partovipour E, Abdolahi M. Spatial Clustering of Breast Cancer: An Epidemiological Analysis of Iranian Women. Iranian Journal of Cancer Prevention 2017;10.
 18. HASHEMI SH, TORKAMAN AF, **MOGHIMBEIGI A**. SCREENING OF BRUCELLOSIS IN HOUSEHOLD MEMBERS OF PATIENTS WITH BRUCELLOSIS IN HAMADAN. 2017.

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- 1- Arabi SR, **Moghimbeigi A**, Hedayatipana M, Samadi M.(2016). Clinical and Radiographic Assessment of Peri-Implant Tissue in Posterior Areas with and Without the Need for Guided Bone Regeneration. Avicenna Journal of Dental Research. (Inpress).
- 2- Asadi FT, Hashemi SH, Alikhani MY, **Moghimbeigi A**, Naseri Z .(2016). Clinical and diagnostic aspects of brucellosis and antimicrobial susceptibility of Brucella isolates in Hamedan, Iran. Japanese Journal of Infectious Diseases.:JJID.133.
- 3- Gholizadeh S, **Moghimbeigi A (correspondence author)**, Poorolajal J, Khjeian M, BahramianF.(2016). Study of risk factors affecting both hypertension and obesity outcome by using multivariate multilevel logistic regression models. ISMJ.;19(3):385-97.
- 4- Heidari S, Taheri M, Ravan AP, **Moghimbeigi A**, Mojiri M, Naderi-Khojastehfar Y, et al .(2016). Assessment of some Immunological and Hematological Factors among Radiation Workers. Journal of Biology and Today's World.;5(7):113-9.
- 5- Karimi N, **Moghimbeigi A (correspondence author)**, Motamedzade M, Roshanaei G.(2016). Evaluation of Related Risk Factors in Number of Musculoskeletal Disorders Among Carpet Weavers in Iran. Safety and Health at Work.;7(4):322-5.
- 6- Mahdavi N, Motamedzade M, Jamshidi AA, Darvishi E, **Moghimbeygi A**,

- Heidari Moghadam R.(2016). Upper trapezius fatigue in carpet weaving: the impact of a repetitive task cycle. *International Journal of Occupational Safety and Ergonomics*.:1-11.
- 7- Mahmoodi M, **Moghimbeigi A (correspondence author)**, Faradmal J, Ghahramani M.(2016). Detecting Rates, Trends and Determinants of Cesarean Section Deliveries in Iran Using Generalized Additive Mixed Models. *Epidemiology, Biostatistics and Public Health*.;13(3).
- 8- Mohammadfam I, Soltanzadeh A, Mahmoudi S, **Moghimbeigi A**.(2016). P154 Analytical modelling of occupational accidents' size using structural equation modelling approach (SEM); a field study in big construction industries. *Occupational and Environmental Medicine*.;73(Suppl 1):A172-A.
- 9- Mohammadfam I, Soltanzadeh A, **Moghimbeigi A**, Akbarzadeh M.(2016). Modeling of individual and organizational factors affecting traumatic occupational injuries based on the structural equation modeling: a case study in large construction industries. *Archives of trauma research*;5(3).
- 10- Mohammadfam I, Soltanzadeh A, **Moghimbeigi A**, Akbarzadeh M.(2016). Confirmatory factor analysis of occupational injuries: presenting an analytical tool. *Trauma monthly*. (Inpress).
- 11- Pazhouhi H, Karami M, Esmailnasab N, **Moghimbeigi A**, Fariadras M.(2016). Temporal Patterns of Meningitis in Hamadan, Western Iran: Addressing and Removing Explainable Patterns. *Archives of Clinical Infectious Diseases*.;11(3).
- 12- Rezapour-Shahkolai F, Afshari M, **Moghimbeigi A**, Hazavehei SMM .(2016). Home-related injuries among under-five-year children and mothers' care regarding injury prevention in rural areas. *International journal of injury control and safety promotion*.:1-9.
- 13- Soltanzadeh A, Mohammadfam I, **Moghimbeigi A**.(2016). P153 Predicting and determining factors of occupational accidents severity rate (ASR) using artificial neural networks (ANN); a case study in construction industry. *Occupational and Environmental Medicine*.;73(Suppl 1):A171-A2.
- 14- Ahmad S, Iraj M, **Moghimbeigi A**, Mahdi A.(2016). Analysis of occupational accidents induced human injuries: A case study in construction industries and sites. *Journal of Civil Engineering and Construction Technology*.;7(1):1-7.
- 15- Akbarzadeh M, **Moghimbeigi A (correspondence author)**, Mahjub H, Soltanian AR, Daneshpour M, Morris N.(2016). Trajectories of Change in Obesity among Tehranian Families: Multilevel Latent Growth Curve Modeling. *International journal of family medicine*.;
- 16- Almasi A, Eshraghian MR, **Moghimbeigi A**, Rahimi A, Mohammad K, Fallahigilan S.(2016). Multilevel zero-inflated Generalized Poisson regression modeling for dispersed correlated count data. *Statistical Methodology*.;30:1-14.
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- Schoolchildren Aged 10–12 Years: A Zero-Inflated Generalized Poisson Regression Model Approach. Iranian journal of public health.;45(3):353.
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طرح‌های تحقیقاتی

۱-مجری

- ارائه آزمون اسکور برای تشخیص صفرزیادی در توزیع دو جمله‌ای منفی
- مدل رگسیون دو جمله‌ای منفی متورم در صفر دو مولفه‌ای در مکان یابی ژنتیکی تاثیرگذار بر تعداد سنگ صغراوی کلسترولی موش‌ها
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- بررسی وضعیت سلامت عمومی در ایران : مطالعه مروری منظم و متا آنالیز
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سوابق آموزشی

قبل از ۱۳۸۷ (مرتبه مربی):

سابقه آموزش در دانشگاه های علوم پزشکی بقیه الله (عج)، شاهد، پیام نور، آزاد و علوم پزشکی همدان و تدریس درس‌های ریاضیات، آمارحیاتی، روش‌های آماری، آمار مهندسی، روش‌های نمونه گیری، احتمال و کاربردآن، آمار ریاضی برای رشته های مدیریت، برق،آمار، پزشکی و پرستاری

رزومه عباس مقیم بیگی

بعد از ۱۳۸۷

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