

*Brief curriculum vita*  
*Of*  
*Dr. Homayoun sadeghi*

**Family Name:** Sadeghi Bazargani  
**Surname:** Homayoun  
**Date of Birth:** Sep 27, 1970  
**Nationality:** Iranian  
**Address:**

- 1- Department of Statistics & Epidemiology, Tabriz University of medical sciences, Tabriz, IRAN. Postal code: 5166614711

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**Fields of most interest:**

- 1- Clinical Epidemiology(focus on injury epidemiology and non-communicable diseases Epidemiology)
- 2- Statistical Epidemiology(focus on prediction models especially supervised models)
- 3- Methodological and statistical aspects in scientific writing

### Academic Degrees

- 1- **PhD in medical sciences:** Field : Statistical modeling & Epidemiology, Karolinska institute. Sweden (2010)
- 2- **PhD Degree application approved in Iran:** Epidemiology
- 3- **Master of science:** Karolinska institute. Sweden
- 4- **MPH degree,** Tehran University of Medical Sciences
- 5- **MD degree,** School of Medicine, Tehran University of Medical Sciences.

### Positions & Professional Experiences

**Current:**

1. **Chief Editor:** Journal of clinical research & governance.
2. **Assistant Professor of Epidemiology:** Department of Statistics and Epidemiology, Faculty of health and nutrition, Tabriz University of medical sciences, Tabriz, Iran
3. **Section editor and editorial team member:** Journal of injury and violence research.
4. **Editorial board member:** World Journal of critical care medicine.
5. **Director:** Injury & Trauma Knowledge management Unit, National knowledge management units, Ministry of health & medical education, Iran. 2012-present
6. **Director:** Injury epidemiology & prevention research team, Tabriz University of medical sciences, Tabriz, Iran. 2011-present
7. **Director:** Road Traffic Injury epidemiology research Center, Tabriz University of medical sciences, Tabriz, Iran. 2013-present
8. **Methodology and statistical consultant and committee member:** Neuroscience research center, Tabriz University of medical sciences. 2010-present
9. **Methodology and statistical consultant and committee member:** Rehabilitation research center, Tabriz University of medical sciences. 2010-present
10. **Committee member:** Medical philosophy & history research center, Tabriz University of medical sciences. 2012-present
11. **Member:** Iranian center for evidence based medicine, Tabriz University of medical sciences. 2010-present

12. **Member:** American statistical association 2010-2013

**Previous:**

13. **Chair:** Research development and coordination center, Tabriz University of medical sciences. Present
14. **Member :** Injury prevention and safety promotion research team, Karolinska Institute, Stockholm, Sweden
15. **Principal member:** Research committee, Ardabil University of Medical Sciences. Past.
16. **Representative member:** Research committee, Ardabil University of Medical Sciences. Past.
17. **Deputy for Research** , North-west research center for infectious diseases.Ardabil University of medical sciences
18. **Deputy for research**, Ardabil provincial health department(centre). Ardabil University of Medical Sciences.
19. **Representative by chancellor** of Ardabil University of medical sciences in Ardabil provincial research database committee. Past.
20. **Research manager** and *methodology & surveillance* team leader for the joint Sweden – Iran research project: “Designing and evaluating an injury prevention model on burns for rural areas of Iran”.
21. **Principal member:** “Research methodology consultation committee”, Ardabil University of Medical Sciences,
22. **Manager of District Health Network.** Parsabad district health network, Past.
23. **Director of Parsabad district health center**, Past.
24. **health center head**, some rural and urban health centers in Urmia and sardasht districts. Past.

## Language skills

**Persian:**

National language

**English:**

Fluent: Earlier English test scores. General IELTS 7 band score.2004 Iran Test Center

Academic IELTS 6.5 band score. 2004 British council Tehran.

MCHE English test : 79/100 score. 2003. Ministry of higher education. Tehran

**Russian:**

Reading: intermediate, speaking: elementary

**Azeri Turkish:**

Mother tongue

**Kurdish:**

Spoken

**Turkish(turkey):**

Fluent

## Computer skills

Skillful:

General software skills :Word, Access, PowerPoint, Internet, excel, ref. manager  
Research and statistical software packages: STATA, SAS, MLwin, SIMCA, BMDS , SPSS, Epi info ,  
Familiar: Bioconductor, EQS  
Professional in Database designing with Microsoft Access

## Awards and honors

- 1- Rank 4- in field of public health research Razi national research award selection 2013.
- 2- Rank 4- in field of public health research Razi national research award selection 2012.
- 3- Prize and written appreciation by two ministers of the government of Iran for: Second rank research, National ceremony for selection of best researchers in the field of Nomadic populations, Tehran 2004: " Health indices of nomads in Ardabil province".
- 4- First rank winner and written appreciation by Research secretary, Iranian Ministry of health: First National Family Health Award 2004.Tehran, Iran
- 5- Award and written appreciation by chancellor for: Elite researcher in Ardabil University of Medical Sciences - 2004.
- 6- Written appreciation by Dean, for Excellent performance in managing research development center, Faculty of medicine, Tabriz University of medical sciences
- 7- Written appreciation by chancellor for : Excellent performance in health system managerial skills.
- 8- Written appreciation by deputy for health, Urmia university for: best management in holding a district level workshop.

## Scholarships

- 1- Scholarship for attending 14 International Safe Community Conference, Bergen, Norway
- 2- 2nd Young Medics' International Conference, "From prevention to intervention "September 26-28, 2003, Yerevan, Armenia

## Teaching experience

- 1- Statistics and research methodology at PhD level, Karolinska Institute, Stockholm, Sweden
- 2- Research methodology & Scientific writing, Epidemiology, Biostatistics and at Master and PhD level(MSc. And PhD students): Tabriz University of medical sciences, Repeatedly
- 3- Teaching at workshops: Research methodology(quite repeatedly)/ Case control studies/ Clinical trial studies / scientific writing- Repeatedly

## Thesis supervision

Master level 5 theses

MD level / Two theses

Methodology co-supervisor for Clinical specialty degree theses/ 12 theses

### Scientific peer review jobs

Research articles: Several review jobs for WHO bulletin, Elsevier and other publishers.

Research proposals: More than 50 proposals reviewed.

### Research grants

	Organization Name providing grant	Project name	Role in project	Principal investigator
1	Tabriz University of medical sciences	Risk factor analysis of childhood burn injuries	Principal investigator	Homayoun Sadeghi
2	Joint research underway between Azad University of Tehran (department of statistics) and Tabriz UMS.	Application of orthogonal partial latent structures modeling compared to linear regression in assessing predictors of stroke prognosis		Dr. Sadeghi/ Dr. Fathi
3	Ardabil University of medical sciences	Designing and evaluating a sampling software for health research	Principal investigator	Homayoun Sadeghi
4	Joint research between Tabriz university and neuroscience research center	PTSD and Psychological aspects of burn injuries	Principal investigator	Dr. garousi- Dr. Sadeghi
5	State Management and planning organization: Ardabil province	Health survey for nomads of Ardabil province.	Principal investigator	Homayoun Sadeghi
6	Karolinska institute/SIDA from Swedish side Ardabil University of medical sciences/Iranian Ministry of health from Iranian side	Designing and evaluating an injury prevention model on burns for rural areas of Iran	Research manager, Methodology and surveillance team leader	Robert Ekman Shahnam Arshi
7	Ardabil University of Medical Sciences	Case- Control study of risk factors responsible for burn injuries in rural children	Main co investigator	Shahnam Arshi
8	Ardabil University of Medical Sciences	Qualitative research on Injury risk factors responsible for injuries needing medical care	Principal investigator	Homayoun Sadeghi
9	Servier company/ France	Diamicron MR in Iranian patients in Ardabil province	Collaboration in analysis and writing paper	Manuchehr iranparvar
10	Ardabil University of	Sero-epidemiology of	Principal investigator	Homayoun

	Medical Sciences	leishmaniasis in dogs of nomad population in ardabil province		Sadeghi
11	Ardabil University of Medical Sciences	DMPA bleeding complications in Ardabil province	Principal investigator	Homayoun Sadeghi
12	Ministry of health	Need assessment for medical services in Ardabil province	Main co investigator	Hossein Zohouri
13	Ardabil University of Medical Sciences	Research problems of university members	Statistical analysis	Lotfi
14	Ardabil University of Medical Sciences/ Ministry of health	Comparative study of sealant therapy by dentists and health workers	Statistical analysis	Samadzadeh
15	Ardabil University of Medical Sciences	Comparative study of diclofenac suppository and methadone injection on post cesarean pain	Statistical analysis	Farnaz Ehdaevand
16	Ardabil University of Medical Sciences	Maslows hierarchy of needs in personnel of Ardabil University of medical sciences and health services	Statistical analysis	Shahnam Arshi

## ***Publications***

### **1- Books:**

- a. Box in burn injuries, WHO report on child injuries, WHO publications, Geneva 2009
- b. “Preliminary Manual of Epi Info 2000 – a CDC statistical Software” Ardabil. 2002
- c. “Common Infectious Diseases in Ardabil Province” Ardabil .2002
- d. Chapter in “Clinical effectiveness” Tabriz, Iran, 2012.
- e. Chapter in Iranian national textbook of Epidemiology. Forthcoming
- f. Basic Statistics with STATA. Forthcoming

### **2- Pamphlets:**

Introduction to STATA statistical software package, Stockholm, 2009

A supervisory guideline for general practitioners of public health centers. Ardabil 2003

### **4-Papers in peer reviewed journals:**

***A total of 84 journal articles published or in-press in peer reviewed journals: 69 papers published in English & 15papers published in Persian.***

### **In English**

#### **Published:**

1. Prehospital treatment of burns: A qualitative study of experiences, perceptions and reactions of victims. Sadeghi Bazargani H, Fouladi N, Alimohammadi H, Sadeghieh Ahari S,

- Agamohammadi M, Mohamadi R. Burns. 2013 Mar 20. pii: S0305-4179(12)00415-9. doi: 10.1016/j.burns.2012.12.018
2. Association between Adult Attention Deficit-Hyperactivity Disorder and motorcycle traffic injuries in Kerman, Iran: a case-control study. S Safiri, H Sadeghi-Bazargani, S Amiri, N Khanjani, H Safarpour, N Karamzad, A Hagh dust. Journal of Clinical Research & Governance 2 (1), 17-21
  3. The Effect of Ginkgo biloba on Functional Outcome of Patients with Acute Ischemic Stroke: A Double-blind, Placebo-controlled, Randomized Clinical Trial. DS Oskouei, R Rikhtegar, M Hashemilar, H Sadeghi-Bazargani, M Sharifi-Bonab Journal of Stroke and Cerebrovascular Diseases 22 (8), e557-e563
  4. Effect of IMOD™ on the inflammatory process after acute ischemic stroke: a randomized clinical trial. Farhoudi M, Najafi-Nesheli M, Hashemilar M, Mahmoodpoor A, Sharifipour E, Baradaran B, Taheraghdam A, Savadi-Oskouei D, Sadeghi-Bazargani H, Sadeghi-Hokmabadi E, Akbari H, Rikhtegar R. Daru. 2013 Mar 20;21(1):26. doi: 10.1186/2008-2231-21-26.
  5. The Effect of Ranitidine on Olanzapine-Induced Weight Gain. F Ranjbar, A Ghanepour, H Sadeghi-Bazargani, M Asadlo, A Alizadeh. BioMed research international 2013
  6. Vajargah KF, Sadeghi-Bazargani H, Mehdizadeh-Esfanjani R, Savadi-Oskouei D, Farhoudi M. **OPLS statistical model versus linear regression to assess sonographic predictors of stroke prognosis.** Neuropsychiatr Dis Treat. 2012;8:387-92.
  7. **Developing Indicators of Service Quality Provided for Cardiovascular Patients Hospitalized in Cardiac Care Unit.** Azami-Aghdash S, Ghaffari S, Sadeghi-Bazargani H, Tabrizi JS, Yagoubi A, Naghavi-Behzad M. J Cardiovasc Thorac Res. 2013;5(1):23-8. doi: 10.5681/jcvtr.2013
  8. **Predictive value of the fragmented QRS complex in 6-month mortality and morbidity following acute coronary syndrome.** Akbarzadeh F, Pourafkari L, Ghaffari S, Hashemi M, Sadeghi-Bazargani H. Int J Gen Med. 2013 May 28;6:399-404. doi: 10.2147/IJGM.S40050.
  9. **Unintentional domestic burns in Iran: Analysis of 125,000 cases from a national register.** Sadeghi-Bazargani H, Mohammadi R. Burns. 2013 Sep;39(6):1304-10. doi: 10.1016/j.burns.2013.02.013.
  10. **Adjusting structural equation modeling of spiritual coping scale: use of Sattora-bentler method as an alternative to maximum likelihood estimation.** Intron j epidemiology.
  11. Sedghipour MR, Sadeghi-Bazargani H. **Applicability of supervised discriminant analysis models to analyze astigmatism clinical trial data.** Clinical ophthalmology. 2012;6:1499-506.
  12. Multiple sclerosis and mitochondrial gene variations: a review. Andalib S, Talebi M, Sakhinia E, Farhoudi M, Sadeghi-Bazargani H, Motavallian A, Pilehvar-Soltanahmadi Y. J Neurol Sci. 2013 Jul 15;330(1-2):10-5. doi: 10.1016/j.jns.2013.04.018.
  13. The association between melasma and postinflammatory hyperpigmentation in acne patients. Adalatkhah H, Sadeghi Bazargani H. Iran Red Crescent Med J. 2013 May;15(5):400-3. doi: 10.5812/ircmj.5358.
  14. Quantitative evaluation of CXCL8 and its receptors (CXCR1 and CXCR2) gene expression in Iranian patients with multiple sclerosis. Almasi S, Aliparasti MR, Farhoudi M, Babaloo Z, Baradaran B, Zamani F, Sadeghi-Bazargani H, Mostafaei S, Hokmabadi ES. Immunol Invest. 2013;42(8):737-48. doi: 10.3109/08820139.2013.812652
  15. Association of body mass index with some fertility markers among male partners of infertile couples. Hajshafiha M, Ghareaghaji R, Salemi S, Sadegh-Asadi N, Sadeghi-Bazargani H. Int J Gen Med. 2013 Jun 7;6:447-51. doi: 10.2147/IJGM.S41341.
  16. Gene Expression of VEGF-A and VEGF-C in Peripheral Blood Mononuclear Cells of Iranian Patients with Acute Myeloid Leukemia. Aliparasti MR, Almasi S, Sanaat Z, Movasaghpour A, Khalili-Dizaji R, Sadeghi-Bazargani H. Turk J Haematol. 2013 Jun;30(2):137-43. doi: 10.4274/Tjh.2011.0023.

17. Laboratory findings in tick-borne relapsing fever. H Sadeghi-Bazargani, S Arshi, M Asmar, M Barak. *Journal of Clinical Research & Governance* 2 (2)
18. Preparation and priority setting of clinical governance performance indicators in dimensions of risk management and clinical effectiveness from the healthcare staff viewpoints. SA Aghdash, H Sadeghi-Bazargani, A Mirzaei, L Abdollahi, G Asghari. *International Journal of Health System and Disaster Management* 1 (1), 16
19. Job Satisfaction Differences Between Primary Health Care and Treatment Sectors: An Experience from Iran. SH Baqgheri, A Janati, A Kousha, H Sadeghi-Bazargani, M AsghariJafarabadi, M. *Health Promot Perspect* 3 (1), 91-102
20. Homayoun Sadeghi-Bazargani , Saber Azami-Aghdash , Behrad Ziapour , Reza Deljavan. **Trauma and trauma-related therapeutic procedures in Tabriz Shohada trauma center, Iran.** *Trauma monthly.* 2013;17(4) :389-92.
21. Mohammadi S, Najafi M, Hamzeiy H, Maleki-Dizaji N, Pezeshkian M, Sadeghi-Bazargani H, Darabi M, Mostafalou S, Bohlooli S, Garjani A. Protective effects of methylsulfonylmethane on hemodynamics and oxidative stress in monocrotaline-induced pulmonary hypertensive rats. *Adv Pharmacol Sci.* 2012;2012:507278. doi: 10.1155/2012/507278.
22. Sadeghi-Bazargani H, Mohammadi R. **Epidemiology of burns in Iran during the last decade (2000-2010): review of literature and methodological considerations.** *Burns* 2011 November 23;38(3):319-29.
23. Sadeghi-Bazargani H, Shrikant B, Mohammadi R .APPLICABILITY OF NEW SUPERVISED STATISTICAL MODELS TO ASSESS BURN INJURY PATTERNS, OUTCOMES, AND THEIR INTERRELATIONSHIP. *Annals of Burns and Fire Disasters –* 24(4):191-198
24. Sadeghi-Bazargani H, Sedghipour M. **Setting the Objectives and Hypotheses in Randomized Clinical Trials: Notices for Clinicians and Pharmacologists.** *International Journal of Pharmacology.* Online first
25. Sadeghi-Bazargani H, Shrikant B, Mohammad K, Maghsoudi H, Mohammadi R: **Compared application of the new OPLS-DA statistical model versus partial least-squares regression to manage large numbers of variables in a case-control study.** *Scientific Research Essays* In press 2011, 6: 4369-4377
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28. **Sadeghi Bazargani H**, Hajebrahimi S. How does a randomized clinical trial achieve its designed goals? *Urol J* 2011;8(2):88-96.
29. Hajebrahimi S, Mostafaie A, **Sadeghi-Bazargani H**. Evidence for the future - Designing a clinical trial. *Indian J Urol* 2011 October;27(4):494-7

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32. **Sadeghi-Bazargani H**. Injury epidemiology and publishing injury research. *J Inj Violence Res.* 2012 Jan;4(1):1.
33. Amiri S, Ranjbar F, **Sadeghi-Bazargani H**, Jodeir, Navali AM, Saedi F. Association of Adult Attention Deficit/Hyperactivity Disorder and Traffic Injuries in Tabriz-Iran. *Iranian journal of psychiatry.* 2011; 6(2).
34. Robab Hassanzadeh. Mahin Kamalifard. **Homayon Sadeghi Bazargani**, Sakineh Mohammad-Alizadeh Charandabi. Comparison of Continuation Rates and Reasons of Discontinuation for Cyclofem and Depot -medroxyprogesterone acetate in Rural Areas of East Azerbaijan Province, Iran. *Journal of Family and Reproductive Health.* 6(1): 23-27
35. Amanti L, **Sadeghi-Bazargani H**, Abdollahi H, Ehdaveivand F. Uterine leiomyoma and its association with menstrual pattern and history of depo-medroxyprogesterone acetate injections. *Int J Gen Med* 2011;4:535-8.
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38. **Sadeghi Bazargani H**, Arshi S, Ekman R, Mohammadi R. [Prevention-oriented epidemiology of burns in Ardabil Provincial Burn Centre, Iran.](#) *Burns.* 2011 May;37(3):521-7.
39. **Sadeghi-Bazargani H**, Mohammadi R, Svanstrom L, Ekman R, Arshi S, Hekmat S, Malekpour N, Mashoufi M. [Epidemiology of minor and moderate burns in rural Ardabil, Iran.](#) *Burns.* 2010 Sep;36(6):933-7. Epub 2010 Feb 18
40. **JIVR: a new frontier for global injury and violence prevention.**  
*Babak Izadi et al. Journal of injury & violence research (PMID: 21483183)*
41. Eivazi-Ziaei J, Dastgiri S, Kermani IA et al. Age pattern of the occurrence of breast cancer in the northwest of Iran. *Indian J Cancer* 2011 October;48(4):406-9.
42. Mostafa-Gharebaghi P, Mansourfar M, **Sadeghi-Bazargani H**. *Pak J Biol Sci.* 2010 Oct 1;13(19):946-50 [Low dose vaginal misoprostol versus prostaglandin E2 suppository for early uterine evacuation: a randomized clinical trial.](#)
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44. [Relatively higher norms of blood flow velocity of major intracranial arteries in North-West Iran.](#) Farhoudi M, Kermani S, Sadeghi-Bazargani H. *BMC Res Notes.* 2010 Jun 22;3:174.
45. [Symptomologic versus neuroimaging predictors of in-hospital survival after intracerebral haemorrhage.](#) Savadi-Oskouei D, Sadeghi-Bazargani H, Hashemilar M, DeAngelis T. *Pak J Biol Sci.* 2010 May 1;13(9):443-7
46. [Predictors of functional improvement among patients with hip fracture at a rehabilitation ward.](#) Shakouri SK, Eslamian F, Azari BK, Sadeghi-Bazargani H, Sadeghpour A, Salekzamani Y. *Pak J Biol Sci.* 2009 Dec 1;12(23):1516-20.
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54. [Adalatkhah, H.](#), [Khalilollahi, H.](#), [Amini, N.](#), [Sadeghi-Bazargani, H](#). Compared therapeutic efficacy between intralesional bleomycin and cryotherapy for common warts: A randomized clinical trial. *Dermatology Online Journal*.2007: 13 (3), art. no.4
55. [Savadi-Oskouei, D.](#), [Molavi, P.](#), [Mohammadzadeh, L.](#), [Sadeghi-Bazargani, H](#). Assesing general health among stroke patients through a comparative methodology. *Journal of Medical Sciences*.2007: 7 (3), pp. 477-480
56. [Arshi, S.](#), [Sadeghi-Bazargani, H.](#), [Mohammadi, R.](#), [Mohammad Zadeh, M.S.](#), [Rouhi, A.](#), [Barak, M](#). Burns comprising 3/4th of home injuries in pre-school children of the rural areas of Ardabil Province, Iran . *Journal of Medical Sciences*.2007: 7 (2), pp. 248-251
57. [Farahbakhsh, M.](#), [Fozounkhah, S.](#), [Sadeghi-Bazargani, H.](#), [Zakeri, A.](#), [Houshiyan, N.](#), [Asmani, N.](#), [Naghili, A](#). The study of health information system performance from managers and experts' viewpoints . *Information Technology Journal*.2007: 6 (2), pp. 227-238
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1. efficacy, effectiveness, efficiency  
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- 7- Vancouver, Canada : 1th world congress on child heath. A More preventable cause of injury, comprising 3/4th of home injuries in preschool children in Ardabil province north-western Iran.
- 8- Armenia, yervan:2nd medical congress of young medics. Designing and evaluating a sampling software for health research based on WHO recommendations.
- 9- Glasco ,UK :13th ECCMID congress on clinical microbiology and infectious disease.A quality control survey on malaria microscopy in state and private laboratories in Arrdabil province.
- 10- Glasco ,UK :13th ECCMID congress on clinical microbiology and infectious disease.Tick born relapsing fever in Ardabil the main endemic area in Iran.
- 11- Istanbul.Turkey.18th.IMSSC International congress. Burns in children
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- 13- china.peking: 14th Great Wall International Conference of Cardiology. A comparative study of serum fibrinogen among Hookah smokers,Cigarette smokers and Nonsmokers
- 14- Spain, Valencia:9th European congress of parasitology. Leishmaniasis in Nomad(mobile) population and dogs as a suspected source of spreading the disease in north-west of Iran.July 2004
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