



CURRICULUM VITEA

Erfan Ayubi, PhD

Assistant Professor of Epidemiology

Vice chancellor for research and technology, Hamadan University of Medical Sciences,

Hamadan, Iran, E-mail: aubi65@gmail.com, e-aubi@umsha.ac.ir

Degrees

B.Sc. in Public health (2008-2010), School of Health, Hamadan University of Medical Sciences, Hamadan, Iran

M.Sc. in Epidemiology (2010-2013), Department of Epidemiology, School of Public Health, Shahid beheshti university of Medical Sciences, Tehran, Iran

Ph.D. in Epidemiology (2013-2017), Department of Epidemiology and Biostatistics, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran.

Teachings:

- 1- Principles of Epidemiology (for Medical Students)
- 2- Research Methods and Evidence-Based Medicine (for Medical Students)
- 3- Biostatistics in Medicine (for Medical Students)
- 4- Epidemiology of Communicable and Non-Communicable Diseases (Medical Students)
- 5- Principles of Epidemiology (for PhD by research Students)
- 6- Health Policy (for PhD by research Students)

Position Held:

- 1- Research Consultant of Department of Epidemiology, Pasteur institute of Iran, Tehran, Iran, (2013-2017)
- 2- Research Consultant of Research Development Center, Sina Hospital, Tehran University of Medical Sciences, Tehran, Iran, (2013-2017)
- 3- Research Consultant of Research Development Center, Children's Medical Center, Tehran University of Medical Sciences, Tehran, Iran, (2013-2017)
- 4- Faculty member of Community Medicine, School of Medicine, Zahedan University of Medical Sciences, Zahedan, Iran, (2017-2021)
- 5- Member of Health Promotion Research Center, Zahedan University of Medical Sciences, Zahedan, Iran, (2017-2021)
- 6- Member of Infectious Diseases and Tropical Medicine Research Center, Resistant Tuberculosis Institute, Zahedan University of Medical Sciences, Zahedan, Iran, (2019-2021)
- 7- Member of Social Determinants of Health Research Center, Hamadan University of Medical Sciences, Hamadan, Iran, (2021)

Referee/ Reviewer Consultancy

Journal of Nutrition Education and Behavior	Journal of Epidemiology and Global Health	Eastern Mediterranean Health Journal
Journal of Research in Health Sciences	Clinical Epidemiology and Global Health	International Journal of Injury Control and Safety Promotion
International Journal of High Risk Behaviors and Addiction	Journal of Infection and Public Health	International Journal of Biological Macromolecules
Epidemiology and Health	Psychiatry Research	American Journal of Men's Health
Heliyon	Public Health	Iranian Journal of Endocrinology and Metabolism
HIV & AIDS Review	Zahedan Journal of Research in Medical Sciences	Disaster Medicine and Public Health Preparedness
Public Health Nursing	Asian biomedicine	Medical Journal of The Islamic Republic of Iran
Pediatric Investigation	Journal of Education and Community Health	BMC Public Health
Biomedical Research and Therapy	Ethiopian Journal of Health Sciences	Journal of American College Health

Referee/ Reviewer Consultancy

Statistical reviewer, Journal of Nutrition Education and Behavior (2018 so far)

Books

- 1- **Ayubi E**, Khodadoust M, Nazarzadeh M, Bidel Z. Detailed Review Series Epidemiology. First ed: Jame-e-Negar Publishing house (JPH); 2012
- 2- Nazarzadeh M, Bidel Z, **Ayubi E**, Khodadoust M. Exam Review Series Glossary of Epidemiology Terminology. First ed: Jame-e-Negar Publishing house (JPH); 2012.
- 3- Khodadoust M, Khodadoust B, Mansouri T, **Ayubi E**, Nazarzadeh M. Exam Review Series Public Health. Second ed: Jame-e-Negar Publishing house (JPH); 2020
- 4- **Ayubi E**, Khazaei S, Bashirian S, Soltanian A, Jenabi E. Easy guide to writing and publishing an original research article. First ed. Hamadan: Hamadan University of Medical Sciences 2021.

Papers

Full Papers (See all articles at the following address,
<https://scholar.google.com/citations?user=YKf5kq0AAAAJ>)

1. **Ayubi E**, Khalili D, Delpisheh A, Hadaegh F, Azizi F. Factor analysis of metabolic syndrome components and predicting type 2 diabetes: Results of 10-year follow-up in a Middle Eastern population. *Journal of diabetes*. 2015;7(6):830-8.
2. **Ayubi E**, Ashrafi-Asgarabad A, Safiri S, Kousha A, Baniasadi M, Augner C. Post-treatment Clinical Outcomes of Cutaneous Leishmaniasis in the Bam Area, South Eastern Iran: Analysis of over 9,000 Cases. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2015;34:61-5.
3. **Ayubi E**, Sani M, Safiri S, Khedmati Morasae E, Almasi-Hashiani A, Nazarzadeh M. Socioeconomic Determinants of Inequality in Smoking Stages: A Distributive Analysis on a Sample of Male High School Students. *American journal of men's health*. 2017;11(4):1162-8.
4. **Ayubi E**, Doosti-Irani A, Mostafavi E. Do the tuberculin skin test and the QuantiFERON-TB Gold in-tube test agree in detecting latent tuberculosis among high-risk contacts? A systematic review and meta-analysis. *Epidemiology and health*. 2015;37:e2015043.
5. **Ayubi E**, Mansournia MA, Motlagh AG, Mosavi-Jarrahi A, Hosseini A, Yazdani K. Exploring neighborhood inequality in female breast cancer incidence in Tehran using Bayesian spatial models and a spatial scan statistic. *Epidemiology and health*. 2017;39:e2017021.
6. **Ayubi E**, Doosti-Irani A, Sanjari Moghaddam A, Khazaei S, Mansori K, Safiri S, et al. Comparison of QuantiFERON-TB Gold In-Tube (QFT-GIT) and tuberculin skin test (TST) for diagnosis of latent tuberculosis in haemodialysis (HD) patients: a meta-analysis of κ estimates. *Epidemiology and infection*. 2017;145(9):1824-33.
7. **Ayubi E**, Doosti-Irani A, Sanjari Moghaddam A, Sani M, Nazarzadeh M, Mostafavi E. The Clinical Usefulness of Tuberculin Skin Test versus Interferon-Gamma Release Assays for Diagnosis of Latent Tuberculosis in HIV Patients: A Meta-Analysis. *PLoS one*. 2016;11(9):e0161983.
8. **Ayubi E**, Barati M, Dabbagh Moghaddam A, Reza Khoshdel A. Spatial modeling of cutaneous leishmaniasis in Iranian army units during 2014-2017 using a hierarchical Bayesian method and the spatial scan statistic. *Epidemiology and health*. 2018;40:e2018032.
9. Khazaei S, Rezaeian S, Khazaei S, Mansori K, Sanjari Moghaddam A, **Ayubi E (Corresponding Author)**. Effects of Human Development Index and Its Components on Colorectal Cancer Incidence and Mortality: a Global Ecological Study. *Asian Pacific journal of cancer prevention : APJCP*. 2016;17(S3):253-6.
10. Rezaeian S, Khazaei S, Khazaei S, Mansori K, Sanjari Moghaddam A, **Ayubi E (Corresponding Author)**. Human Development Inequality Index and Cancer Pattern: a Global Distributive Study. *Asian Pacific journal of cancer prevention : APJCP*. 2016;17(S3):201-4.
11. **Ayubi E**, Sani M, Moghaddam AS, Khazaei S, Shadmani FK, Hanis SM, et al. Association between parental addiction and unintentional childhood poisoning. *International Journal of Pediatrics*. 2016;4(7):2273-80.

12. **Ayubi E**, Mansori K, Soori H, Khazaei S, Gholami A, Rajabi A, et al. Population attributable risk of unintentional poisoning in Iranian children. *International Journal of Pediatrics*. 2016;4(4):1655-62.
13. **Ayubi E**, Safiri S, Mansori K. Association between maternal smoking during pregnancy and risk of bone fractures in offspring: a systematic review and meta-analysis. *Clinical and experimental pediatrics*. 2021;64(3):96-102.
14. **Ayubi E**, Sarhadi S, Mansori K. Maternal Infection During Pregnancy and Risk of Cerebral Palsy in Children: A Systematic Review and Meta-analysis. *Journal of child neurology*. 2021;36(5):385-402.
15. **Ayubi E**, Mansori K, Doosti-Irani A. Effect of maternal smoking during pregnancy on Tourette syndrome and chronic tic disorders among offspring: a systematic review and meta-analysis. *Obstetrics & gynecology science*. 2021;64(1):1-12.
16. **Ayubi E**, Shadnoush M, Nazarzadeh M, Bidel Z, Ranaei A, Delpisheh A. Translation and assessment of validity and reliability of the health-promoting lifestyle questionnaire, using factor analysis. *Pajoohandeh Journal*. 2012;17(3):114-20.
17. **Ayubi E**, Nazarzadeh M, Bidel Z. Prevalence of bullying and deliberated self-harm behaviors among high school students. *Journal of Fundamentals of Mental Health*. 2013.
18. **Ayubi E**, Mansouri K, Golmahi M, Ramezan Khani O, Mosavi Jarrahi A. Probabilistic record linkage methodology: a review article. *Journal of Sabzevar University of Medical Sciences*. 2016;22(Special Issue):1158-71.
19. Shadmani FK, Mansori K, Khazaei S, Hanis SM, Khazaei S, Sani M, **Ayubi E (Corresponding author)**, et al. Geographic distribution of breast cancer incidence in Iran. *Biomedical Research and Therapy*. 2017;4(05):1295-304.
20. Mansori K, Khazaei S, Shadmani FK, Hanis SM, Jenabi E, Soheylizad M, **Ayubi E (Corresponding author)**, et al. Global inequalities in cervical cancer incidence and mortality. *Middle East Journal of Cancer*. 2018;9(3):235-42.
21. Khazaei S, Mansori K, Soheylizad M, Gholamalinee B, Khosravi Shadmani F, Khazaei Z, **Ayubi E (Corresponding author)**, et al. Epidemiology of lung cancer in Iran: sex difference and geographical distribution. *Middle East Journal of Cancer*. 2017;8(4):223-8.
22. Khazaei Z, Khazaei S, Valizadeh R, Mazharmanesh S, Mirmoeini R, Mamdohi S, **Ayubi E**, et al. The epidemiology of injuries and accidents in children under one year of age, during (2009-2016) in Hamadan Province, Iran. *International journal of pediatrics*. 2016;4(7):2213-20.
23. Almasi-Hashiani A, **Ayubi E**, Mansori K, Salehi-Vaziri M, Moradi Y, Gholamalinee B, et al. Prevalence of hepatitis B virus infection among Iranian high risk groups: a systematic review and meta-analysis. *Gastroenterology and hepatology from bed to bench*. 2018;11(2):91-100.
24. Sadeghi-Bazargani H, **Ayubi E**, Azami-Aghdash S, Abedi L, Zemestani A, Amanati L, et al. Epidemiological patterns of road traffic crashes during the last two decades in Iran: a review of the literature from 1996 to 2014. *Archives of trauma research*. 2016;5(3).
25. Mohebi MD, **Ayubi E**, Azmoodeh A, Sargolzaie N. The relationship between identity styles and addiction vulnerability: A cross-sectional study among medical students in Zahedan, South Eastern Iran. *Psychiatry research*. 2018;268:184-8.
26. Mansori K, **Ayubi E**, Nasehi M, Mansouri Hanis S, Amiri B, Khazaei S. Epidemiology of Leprosy in Iran from 2005 to 2015. *Tanaffos*. 2017;16(2):144-8.
27. Khazaei S, **Ayubi E**, Mansournia MA, Rafiemanesh H. Trend of some Tuberculosis Indices in Iran during 25 yr Period (1990-2014). *Journal of research in health sciences*. 2016;16(3):141-6.

28. Khosravi Shadmani F, **Ayubi E**, Khazaei S, Sani M, Mansouri Hanis S, Khazaei S, et al. Geographic distribution of the incidence of colorectal cancer in Iran: a population-based study. *Epidemiology and health*. 2017;39:e2017020.
29. Khazaei S, **Ayubi E**, Nematollahi S. Variations of infant and under-five child mortality rates around the world, the role of human development index (HDI). *International Journal of Pediatrics*. 2016;4(5):1671-7.
30. Khazaei S, **Ayubi E**, Nematollahi S, Mansori K, Ahmadi-Pishkuhi M, Mohammadian-Hafshejani A, et al. Pattern of pediatric animal bites and post exposure prophylaxis in Isfahan Province-Iran, 2015. *International Journal of Pediatrics*. 2016;4(6):1977-82.
31. Khazaei S, **Ayubi E**, Sanaei Z, Jenabi E, Khazaei L, Amiri J. Epidemiologic characteristics of injuries among 1-5 year-old children in Hamadan Province: Analysis of 4523 hospitalized children over a 6-year period. *Archives of Trauma Research*. 2020;9(1):3-7.
32. Khazaei S, **Ayubi E**, Jenabi E, Bashirian S, Shojaeian M, Tapak L. Factors associated with in-hospital death in patients with nosocomial infections: a registry-based study using community data in western Iran. *Epidemiology and health*. 2020;42:e2020037.
33. Nematollahi S, **Ayubi E**, Karami M, Khazaei S, Shojaeian M, Zamani R, et al. Epidemiological characteristics of human brucellosis in Hamadan Province during 2009-2015: results from the National Notifiable Diseases Surveillance System. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2017;61:56-61.
34. Nematollahi S, **Ayubi E**, Almasi-Hashiani A, Mansori K, Moradi Y, Veisani Y, et al. Prevalence of hepatitis C virus infection among high-risk groups in Iran: a systematic review and meta-analysis. *Public health*. 2018;161:90-8.
35. Valipour M, **Ayubi E**, Shiravand N, Moradi Y, Abbaszadeh A, Amrai F, et al. Determination of maternal risk factors of preterm delivery: adjusted for sparse data bias; results from a population-based case-control study in Iran. *Obstetrics & gynecology science*. 2020;63(2):117-25.
36. Almasi Hashiani A, **Ayubi E**, Fahimfar N, Khosravi A, Karamzad N, Safiri S. Economic inequality and infant, under-5-year-old, maternal, and crude mortality rates. *Journal of Archives in Military Medicine*. 2015;3(3).
37. Khazaei S, **Ayubi E**, Mansori K, Gholamaliee B, Khazaei S, Shadmani FK, et al. Geographic, sex and age distribution of esophageal cancer incidence in Iran: A population-based study. *Middle East Journal of Cancer*. 2017;8(2).
38. Hashiani AA, Sadeghi F, **Ayubi E**, Rezaeian S, Moradi Y, Mansori K, et al. Prevalence of HIV, Hepatitis B and C Virus Co-infections among Iranian High-Risk Groups: A Systematic Review and Meta-Analysis. *The Malaysian journal of medical sciences : MJMS*. 2019;26(3):37-48.
39. Soheylizad M, **Ayubi E**, Mansori K, Gholamaliee B, Sani M, Khazaei S, et al. Human development and related components with malnutrition in children: A global ecological study. *International Journal of Pediatrics*. 2016;4(8):2299-305.
40. Barati H, **Ayubi E**, Iranpour S, Barati M, Allah-Abadi A, Hashemi-Nazari SS. Time Series Analysis of Cutaneous Leishmaniasis in Sabzevar Northeastern Iran Using Segmented Regression Model. *International Journal of Epidemiologic Research*. 2020;7(3):101-6.
41. Jenabi E, **Ayubi E**, Khazaei S, Bashirian S, Khazaei M. Is meconium exposure associated with autism spectrum disorders in children? *Clinical and experimental pediatrics*. 2021;64(7):341-6.

42. Hallajzadeh J, Khoramdad M, Karamzad N, Almasi-Hashiani A, Janati A, **Ayubi E**, et al. Metabolic syndrome and its components among women with polycystic ovary syndrome: a systematic review and meta-analysis. *Journal of cardiovascular and thoracic research*. 2018;10(2):56-69.
43. Molaeipoor L, Khazaei S, **Ayubi E**, Rezaeian S, Nematollahi S, Mansouri K, et al. Epidemiological investigation of pediatric tuberculosis in Tehran Province, 2006-2015. *International Journal of Pediatrics*. 2016;4(6):1895-902.
44. Khazaei S, Mohammadian-Hafshejani A, Nooraliey P, Keshvari-Delavar M, Ghafari M, Pourmoghaddas A, **Ayubi E**, et al. The prevalence of obesity among school-aged children and youth aged 6-18 years in Iran: A systematic review and meta-analysis study. *ARYA atherosclerosis*. 2017;13(1):35-43.
45. Hassankhani H, Rashidi K, Rahmani A, Abdullahzadeh F, Golmohammadi A, Ozairi S, **Ayubi E**, et al. The relationship between death depression and death anxiety with coping style among CHD patients. *Iranian Journal of Psychiatry and Behavioral Sciences*. 2016;10(4).
46. Sargolzaie N, Montazer Zohour M, **Ayubi E**, Shahraki F. Relationship Between Social Determinants of Health and the Thalassemia Prenatal Diagnosis Test in Zahedan, South Eastern Iran. *Hemoglobin*. 2018;42(4):231-5.
47. Kamali K, Nikbakht J, **Ayubi E**, Nabizadeh M, Sarhadi S. Comparison of the Efficacy of Oxybutynin, Phenazopyridine, Celecoxib, and Placebo in the Treatment of Urinary Tract Symptoms after BCG Therapy in Patients with Bladder Tumors. *Urology journal*. 2020;18(4):439-44.
48. Khazaei S, Karami M, **Ayubi E**, Mohammadbeigi A, Hasanbeigi A, Mansori K, et al. Trends in epidemiology of Hepatitis B and C Infections in Ilam Province: National Notifiable Diseases Surveillance System data. *Caspian journal of internal medicine*. 2018;9(1):16-21.
49. Bidel Z, Nazarzadeh M, **Ayubi E**, Sayehmiri K. Prevalence of important poisoning methods used in Iranian suicides: A systematic review and meta-analysis. *Koomesh*. 2013;14(3):257-64.
50. Nazarzadeh M, Bidel Z, **Ayubi E**, Soori H, Sayehmiri K. Factors related to suicide attempt in Iran: a systematic review and meta-analysis. *Hakim Research Journal*. 2013;15(4):352-63.
51. Hallajzadeh J, Khoramdad M, Izadi N, Karamzad N, Almasi-Hashiani A, **Ayubi E**, et al. Metabolic syndrome and its components in premenopausal and postmenopausal women: a comprehensive systematic review and meta-analysis on observational studies. *Menopause (New York, NY)*. 2018;25(10):1155-64.
52. Nazarzadeh M, Bidel Z, **Ayubi E**, Asadollahi K, Carson KV, Sayehmiri K. Determination of the social related factors of suicide in Iran: a systematic review and meta-analysis. *BMC public health*. 2013;13:4.
53. Khazaei S, Nematollahi S, Doosti-Irani A, Zahiri A, Mofarrah-Zat A, **Ayubi E**, et al. Spatio-Temporal Analysis of Tuberculosis in Hamadan Province, West of Iran, from 1992 to 2013. *Tanaffos*. 2019;18(1):18-24.
54. Ranjbaran M, Khodadost M, Mansori K, Jarrahi SHM, **Ayubi E**, Nazarzadeh M, et al. Mobile Phone Use and Brain Tumour: An Age-Period-Cohort Analysis of Brain Tumour Rates in the Nordic Population. *Basic & Clinical Cancer Research*. 2014;6(2):42-55.
55. Shadmani FK, Soori H, Mansori K, Karami M, **Ayubi E**, Khazaei S. Estimation of the population attributable fraction of road-related injuries due to speeding and passing in Iran. *Epidemiology and health*. 2016;38:e2016038.

56. Khazaei S, Rezaeian S, **Ayubi E**, Gholamalinee B, Pishkuhi MA, Khazaei S, et al. Global Prostate Cancer Incidence and Mortality Rates According to the Human Development Index. *Asian Pacific journal of cancer prevention* : APJCP. 2016;17(8):3793-6.
57. Esmaili S, Golzar F, **Ayubi E**, Naghili B, Mostafavi E. Acute Q fever in febrile patients in northwestern of Iran. *PLoS neglected tropical diseases*. 2017;11(4):e0005535.
58. Sadeghi-Bazargani H, Mohammadi R, **Ayubi E**, Almasi-Hashiani A, Pakzad R, Sullman MJ, et al. Caregiver-related predictors of thermal burn injuries among Iranian children: A case-control study. *PloS one*. 2017;12(2):e0170982.
59. Hallajzadeh J, Safiri S, Mansournia MA, Khoramdad M, Izadi N, Almasi-Hashiani A, **Ayubi E**, et al. Metabolic syndrome and its components among rheumatoid arthritis patients: A comprehensive updated systematic review and meta-analysis. *PloS one*. 2017;12(3):e0170361.
60. Khazaei S, Rezaeian S, Khazaei Z, Goodarzi E, Khazaei S, Mohammadian M, **Ayubi E**, et al. Epidemiological and Clinical Characteristics of Patients with Hydatid Cysts in Khorasan Razavi Province, from 2011 to 2014. *Iranian journal of parasitology*. 2016;11(3):364-70.
61. Mansournia MA, Holakouie-Naieni K, Fahimfar N, Almasi-Hashiani A, Cheraghi Z, **Ayubi E**, et al. Risk of Coronary Heart Events Based on Rose Angina Questionnaire and ECG Besides Diabetes and Other Metabolic Risk Factors: Results of a 10-Year Follow-up in Tehran Lipid and Glucose Study. *International journal of endocrinology and metabolism*. 2017;15(2):e42713.
62. Ghaffari-Fam S, Hosseini SR, Daemi A, Heydari H, Malekzade R, **Ayubi E**, et al. Epidemiological patterns of animal bites in the Babol County, North of Iran. *Journal of Acute Disease*. 2016;5(2):126-30.
63. Nazarzadeh M, Bidel Z, **Ayubi E**, Bahrami A, Jafari F, Mohammadpoorasl A, et al. Smoking status in Iranian male adolescents: a cross-sectional study and a meta-analysis. *Addictive behaviors*. 2013;38(6):2214-8.
64. Jenabi E, Saatchi M, Khazaei S, Mansori K, **Ayubi E**, Soheylizad M, et al. National distribution of stomach cancer incidence in Iran: a population-based study. *Advances in Human Biology*. 2019;9(1):89.
65. Khazaei S, Karami M, Mohammadbeigi A, **Ayubi E**, Shojaeian M, Mansouri K, et al. Spatio-Temporal analysis of brucellosis in Hamadan Province, West of Iran: 2009–2015. *Advances in Human Biology*. 2018;8(3):145.
66. Shuja M, Salehiniya H, Khazaei S, **Ayubi E**, Mohammadian M, Allah Bakeshei K, et al. Assessment of the epidemiology and factors associated with the malaria among children in Sistan and Baluchistan Province, South East of Iran (2013-2016). *International Journal of Pediatrics*. 2016;4(7):2229-39.
67. Hallajzadeh J, Khoramdad M, Izadi N, Karamzad N, Almasi-Hashiani A, **Ayubi E**, et al. The association between metabolic syndrome and its components with systemic lupus erythematosus: a comprehensive systematic review and meta-analysis of observational studies. *Lupus*. 2018;27(6):899-912.
68. Khazaei S, Mansori K, **Ayubi E**, Soheylizad M, Mohammadbeigi A, Nematollahi S, et al. Gender-age disparity of cancers' incidence in Iran. *Acta Medica Iranica*. 2018:585-90.
69. Jenabi E, Salimi Z, Bashirian S, Khazaei S, **Ayubi E**. The risk factors associated with placenta previa: An umbrella review. *Placenta*. 2021;117:21-7.
70. **Ayubi E**, Bashirian S, Khazaei S. Depression and Anxiety Among Patients with Cancer During COVID-19 Pandemic: A Systematic Review and Meta-analysis. *Journal of gastrointestinal cancer*. 2021;52(2):499-507.

71. Khazaei S, **Ayubi E**, Bashirian S, Hamzehei R, Jenabi E. Is there a relationship between gestational diabetes and postpartum depression? *Current Women's Health Reviews*. 2021;17(2):150-5.
72. Khazaei S, Shojaeian M, Zamani R, Mansori K, Mohammadian-Hafshejani A, Rezaeian-Langroodi R, **Ayubi E**, et al. Epidemiology and risk factors of childhood brucellosis in West of Iran. *International journal of pediatrics*. 2016;4(7):2099-104.