Naeimehossadat Asmarian

Doctor of Philosophy in Biostatistics

ADRESS

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PERSONAL DATA

Date and Place of Birth: 3 March 1982

Nationality: Iranian

Marital status: Married

Health condition: Good

Language: Persian; Mother Tongue

English; good (Reading, Writing, Speaking)

EDUCATION

- **B. Sc.**

2003-2007: Bachelor of Science degree with major in statistics, The University of Shiraz, Shiraz, Iran. GPA: B

- **M. Sc.**

2009-2012: Master of Biostatistics, Department of Biostatistics, School of paramedicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.   GPA: A$^+$

- **Ph. D.**

2014-2020**:** Doctor of Philosophy in Biostatistics**,** Department of Biostatistics, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran. GPA: A$^+$

TEACHING EXPERIENCE

- 2014-2020: Introductory and advanced Biostatistics, Statistical methods (B.S. and M.S.) in Shiraz University of Medical Sciences.

PROFESIONAL EXPERIENCES

- As statistical advisor: In Research Computer Center, Mohammad Rasool Allah Research Tower, Shiraz University of Medical Sciences, Shiraz, Iran (2016-to date).

- As statistical advisor: In Clinical Research Development Center of Namazi Hospital, Shiraz University of Medical Sciences, Shiraz, Iran (2016-to date).

- As statistician: In Anesthesia and Critical Care Research Center of Shiraz University of Medical Sciences, Shiraz, Iran (2017-to date).

- As statistical advisor and Editorial board member: In Iranian Journal of Medical Sciences (2016-to date).

- As statistical advisor: In Zahedan Journal of research in medical sciences (2017-to date).

PUBLICATIONS

- **Asmarian NS**, Kavousi A, Salehi M. Spatial analysis of gastrointestinal Cancer incidence rate in Iran using Poisson Kriging. Iranian Journal of Official Statistics Studies. 2012 Sep 10;23(1):129-40. **[First author].**

- **Asmarian N**, Kavousi A, Salehi M, Mahaki B. Mapping of Stomach Cancer incidence rate in Iran from 2003-2007 using Area-to-Area Poisson Kriging. Health system research. 2012; 8:1-7. **[First author].**

- **Asmarian N**, Kavousi A, Salehi M, Mahaki B. Comparison of point poisson kriging and empirical bayesian methods in mapping of gastrointestinal cancer incidence rate in Iran. Health system research. 2013; 277-285. **[First author].**

- **Asmarian NS**, Kavousi A, Salehi M. Mapping of large intestine cancer incidence rate using area-to-area Poisson Kriging in Iran from 2003 to 2007. Razi Journal of Medical Sciences. 2013 May 10;20(107):10-7. **[First author]**.

- **Asmarian NS**, Ruzitalab A, Amir K, Masoud S, Mahaki B. Area-to-area poisson kriging analysis of mapping of county-level esophageal cancer incidence rates in Iran. Asian Pacific Journal of Cancer Prevention. 2013;14(1):11-3. **[First author].**

- **Asmarian N**, Jafari-Koshki T, Soleimani A, Ayatollahi SM. Area-to-area poisson kriging and spatial bayesian analysis in mapping of gastric cancer incidence in Iran. Asian Pacific journal of cancer prevention: APJCP. 2016;17(10):4587. **[First author]**.

- Ebrahimipour M, Budke CM, Najjari M, Cassini R, **Asmarian N**. Bayesian spatial analysis of the surgical incidence rate of human cystic echinococcosis in north-eastern Iran. Acta tropica. 2016 Nov 1; 163:80-6. **[Corresponding author]**.

- Jahangirizade K, Nasiri M, **Asmarian N**. Association of rs1042658 Polymorphism of the CSF3 Gene with the Susceptibility of Recurrent Pregnancy Loss in Women of Fars Province. Journal of Arak University of Medical Sciences. 2016 Apr 10;19(1):23-31. **[Co-author]**.

- Hosseini MA, Mehdizadeh A, Sanipour L, Afrasyabi MR, Shiravani MH, **Asmarian N**, Zamani A. The assessment of mercury released from dental amalgams after exposure to Wi-Fi and X-Ray radiation in artificial Saliva. Eurasian Journal of Analytical Chemistry. 2018 Jan 1;13(2):em08 **[Co-author]**.

- Sharafi Z, **Asmarian N**, Hoorang S, Mousavi A. Bayesian spatio-temporal analysis of stomach cancer incidence in Iran, 2003–2010. Stochastic environmental research and risk assessment. 2018 Oct;32(10):2943-50. **[Corresponding author]**.

- Mehrabani-Zeinabad K, **Asmarian N**, Ayatollahi SM. A Survey on Mortality Trend in the West and East of Iran Using the Bayesian Spatio-Temporal Model. Health Scope. 2019 Aug 31;8(3). **[Co-author]**.

- **Asmarian N**, Ayatollahi SM, Sharafi Z, Zare N. Bayesian Spatial Joint Model for Disease Mapping of Zero-Inflated Data with R-INLA: A Simulation Study and an Application to Male Breast Cancer in Iran. International journal of environmental research and public health. 2019 Jan;16(22):4460.. **[First author]**.

- Mousavi-Shirazi-Fard Z, Mazloom Z, Jalali M, **Asmarian N**, Dabbaghmanesh MH, Panahiyan M. Comparison of the effects of individualized medical nutrition therapy and consistent carbohydrate meal-planning on glycemic control, energy, and carbohydrate and protein intake in hospitalized diabetic patients: A randomized clinical trial study. Journal of Health Sciences & Surveillance System. 2019 Apr 1;7(2):94-9. **[Co-author]**.

- Shirazi M, Aminsharifi A, Ahmed F, Makarem A, Zahraei SA, **Asmarian N**. The impact of post-procedural ureteric stent duration on the outcome of retrograde endopyelotomy for management of failed open pyeloplasty in children: a preliminary report. Medical Journal of the Islamic Republic of Iran. 2020;34:105. **[Co-author]**.

- Haghpanah S, **Asmarian N**, Zekavat OR, Bordbar M, Karimi M, Zareifar S, Ramzi M, Safaei S. Bayesian spatial modeling of transfusion-dependent β-thalassemia incidence rate in Fars Province, Southern Iran. Spatial and Spatio-temporal Epidemiology. 2021 Feb 1;36:100389. [**Corresponding author**].
- Sabetian G, Moghadami M, Hashemizadeh Fard Haghighi L, Shahriarirad R, Fallahi MJ, **Asmarian N**, et al. COVID-19 infection among healthcare workers: a cross-sectional study in southwest Iran. Virology Journal. 2021;18(1):58. [**Co-author**].

INTERNAL AND INTERNATIONAL CONGRESS

- Spatial analysis of gastrointestinal Cancer incidence rate in Iran using Poisson Kriging, in 11th Iranian Statistical Conference 2012 [**Internal, Poster**]
- Area-to-point Poisson Kriging Method in mapping of Gastrointestinal cancer incidence rate in Iran, in International multidisciplinary cancer congress, Mashhad, Iran September 4-6th, 2012 [**International, Poster**]
- Comparison of Poisson kriging and Full Bayesian method in mapping of gastrointestinal cancer incidence rate in Iran, in Ordered and Spatial Data center of Excellence, Mashhad, Iran May 30, 2012 [**Internal, Lecture**]
- Spatial statistics and its applications, in The First National Seminar on the Role of Basic Sciences on Health Promotion In date 2011-03-09 by Shahid Beheshti University [**Internal, Lecture**]
- Geo-statistical analysis of medical data and mapping of gastrointestinal Cancer incidence rate in Iran, in The First Student Symposium of the Role of Basic Sciences on Health Promotion In date March 8 2012 [**Internal, Poster**]
- MAPPING OF STOMACH CANCER INCIDENCE RATE IN IRAN FROM 2003 TO 2007 USING AREA-TO-AREA POISSON KRIGING, in 12th Islamic Countries Conference on Statistical Sciences; Proc. ICCS-12, Doha, Qatar December 19-22, 2012, Vol. 23, pp. 553-558 [**International, Lecture**]
- Bayesian spatio-temporal mapping of multiple sclerosis (MS) incidence ratio in Fars province, southern Iran, in **European Committee for Treatment and Research in Multiple Sclerosis, ECTRIMS Congresses 2017**. In MULTIPLE SCLEROSIS JOURNAL 2017 Oct 1 (Vol. 23, pp. 715-715). 1 OLIVERS YARD, 55 CITY ROAD, LONDON EC1Y 1SP, ENGLAND: SAGE PUBLICATIONS LTD. [**International, Poster**]

WORKSHOPS: As Instructor

- Spatial data analysis with "Spacestat" workshop ,in 11th Iranian Statistical Conference 2012

- Principles of research method, in Poostchi Ophthalmology Research Center, Department of Ophthalmology, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran,2016
- Cohort workshop, In Department of Biostatistics, School of Medicine, Shiraz University of Medical Sciences,2016
- SPSS workshop (Introductory and advanced), In Research Computer Center, Mohammad Rasool Allah Research Tower, Shiraz University of Medical Sciences, Shiraz, Iran (2020 to date).
- Graphpad Prism workshop (Introductory and advanced), In Research Computer Center, Mohammad Rasool Allah Research Tower, Shiraz University of Medical Sciences, Shiraz, Iran (2020 to date).

SKILLS

- **Computer skills**: WinBUGS, ArcGIS**,** NCSS, PASS, R, MedCalc**,** SPSS, GraphPad PRISM, Excel, ENDNOTE, Mendeley.
- **Scientific skills:** Bayesian Analysis, Spatial statistic, Zero-inflated data, disease mapping, Meta-Analysis.