



**Date:** 20<sup>th</sup> October 2019

### **Personal Information:**

**First Name** Soodeh

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**Date of Birth** 17<sup>th</sup> Aug 1981

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### **Education:**

**2011-2016** **PhD** of Biostatistics, Shahid Beheshti University of Medical Sciences, Iran.

**2007-2009** **MS** of Biostatistics, Shiraz University of Medical Sciences, Iran.

**2000-2004** **BS** of Statistics, Kermanshah University of Payam Noor, Iran.

## **Academic Positions / Employment:**

Assistant Professor in Paramedical School

## **University and Hospital Appointments and Committees:**

**2009-2010** Statistical Consultant, Imam Reza Hospital, Medical University of Kermanshah, Kermanshah-Iran.

**2011-2016** Statistical Consultant, Shahid Beheshti University of Medical Sciences, Iran, Tehran.

### **2016-present:**

Faculty Member of Medical University of Kermanshah.

Member of Research committee of Kermanshah University.

Statistics Editorial in Journal of Clinical Research in Paramedical Sciences.

Head of Graduate Department of Paramedical Faculty.

## **Professional Training**

Training in Process Reengineering BPR, Kermanshah University of Medical Sciences, Kermanshah-Iran.

A two-day workshop on “Reliability and Validity Assessment Tools”, conducted in Tehran Medical University, Tehran-Iran.

Meta analysis Workshop.

## **Summaries of Publications**

- Rezaei M, Fakhri N, Rajati F, Shahsavari S. Comparison of gestational diabetes prediction with artificial neural network and decision tree models. Tehran University Medical Journal TUMS Publications. 2019 Sep 10;77(6):359-67.
- Shahsavari S. Accuracy of Breast MRI Compared to MG in the Preoperative Detection and Measurement of Pure Ductal Carcinoma In Situ: A Methodological Issue. Academic radiology. 2019 Jun 1;26(6):e128.

- Daraz U, Shahsavari S. The American College of Chest Physician score to assess the risk of bleeding during anticoagulation in patients with venous thromboembolism: comment. *Journal of Thrombosis and Haemostasis*. 2019 Mar;17(3):559-60.
- Daraz U, Shahsavari S. Methodological issues in use of MRI as a predictive tool. *Meat science*. 2019 Mar;153:1-.
- Hashemian AH, Manochehri S, Afshari D, Manochehri Z, Salari N, Shahsavari S. Prognosis of multiple sclerosis disease using data mining approaches random forest and support vector machine based on genetic algorithm. *Tehran University Medical Journal TUMS Publications*. 2019 Apr 15;77(1):33-40.
- Shahsavari M, Shahsavari S. A clinical risk scoring tool to predict readmission after cardiac surgery: a methodological issue. *Canadian Journal of Cardiology*. 2018 Dec 1;34(12):1689-e5.
- Shahsavari M, Shahsavari S. Letter to the Editor. Inter-rater agreement: a methodological issue. *Journal of Neurosurgery*. 2018 Oct 1;1(aop):1-2.
- Migraine risk factors in Qashqai migrating nomads: An adjusted multiple correspondence analysis approach, Najaf Zare, **S Shahsavari**, Davood Mehrabani, Mehdi Saberi-Firoozi, *Pak J Med Sci* 2012 Vol. 28 No. 3
- Safari-Alighiarloo N, Taghizadeh M, Tabatabaei SM, **Shahsavari S**, Namaki S, Khodakarim S, Rezaei-Tavirani M. Identification of new key genes for type 1 diabetes through construction and analysis of the protein-protein interaction networks based on blood and pancreatic islet transcriptomes. *Journal of Diabetes*. 2016 Sep 1.
- Ghadiri K, Novroozi B, Rezaee M, Khodadadi L, Mohajeri P, Masoomshahi S, **Shahsavari S**, Afsharian M, Roshanzamir Z. Comparison of Mec A Gene in *Staphylococcus Aureus* Isolated from Children at Time of Admission and Discharge in West of Iran. *International journal of medical research and health sciences*, 2016 Jan 1;5(5):133-9.

- Biclustering Algorithm for Embryonic Tumor Gene Expression Dataset: LAS Algorithm, Hamid Alavi Majd, **Soodeh Shahsavari\***, Soheila Khodakarim, Seyyed Mohammad Tabatabaei, Bi bi Fatemeh Nobakht Motlagh Ghochani, Journal of Paramedical Sciences (JPS), Vol 4 (Winter 2013).
- Association between anthropometric indices and quality of life in menopausal women, Masumeh Ghazanfarpour, Somayeh Abdolalian, Masoud Zare, and **Soodeh Shahsavari**, Informa Health Care, 2013.
- The Viewpoint of the Medical Students on the Outpatient Clinical Training in Imam Reza Hospital, Kermanshah University of Medical Sciences in 2010, Fereshteh Jalalvandi, **Soudeh Shahsavari**, Javad Amini Saman, Soheila Ghadir, Mahin Noori. Edu R Med S 2013; 2(2).
- Khosrorad T, Dolatian M, Riazi H, Mahmoodi Z, Alavimajd H, **Shahsavari S**, Bakhtiari M. Comparison of lifestyle in fertile and infertile couples in Kermanshah during 2013. Iranian journal of reproductive medicine. 2015 Sep;13(9):549.
- Khoshay A, **Shahsavari S**. The survey of cardiac rehabilitation process on the changes of body image quality of life in patients after coronary artery bypass graft surgery. Journal of Kermanshah University of Medical Sciences (J Kermanshah Univ Med Sci). 2013 Mar 5;16(8):635-43.
- Comparing the effects of pethidine and diclofenac suppository on patients with renal colic in the emergency department, Ali Taherinia, **Soodeh Shahsavari**, Azadeh Heidarpour, Seyyed Mohammad Tabatabaei, Afsoon Vahdat, Journal of Emergency Practice and Trauma, Volume , Issue 3, 2015.
- Adolescent students' high-risk behaviors, Massume Asadi, Meimanat Hossaini, **Soodeh Shahsavari**. Journal of Research & Health Social Development & Health Promotion Research Center Vol. 4, No.4, Winter 2014 Pages: 878-883 .

- Alavi Majd H, **Shahsavari S\***, Baghestani AR, Tabatabaei SM, Khadem Bashi N, Rezaei Tavirani M, Hamidpour M. Evaluation of Plaid Models in Biclustering of Gene Expression Data. *Advances in Bioinformatics*. 2016 Jan 14.
- Hosseini M, Vasli P, Rashidi S, **Shahsavari S**. Correlation between inner strength and health-promoting behaviors in women with heart failure. *Electronic Physician*. 2016 Aug;8(8):2810.

## Professional Experience

- 2010-2011**      The Kermanshah Medical School Research Council Research Council
- 2011**            Scientific Member for the conference of Today Hospital-Tomorrow Hospital, Iran, Kermanshah, University of Medical Sciences.
- 2012**            SPSS: Kermanshah University of Medical Sciences, Kermanshah, Iran.
- 2012-2015**    Teaching statistics to student in Shahid Beheshti Universtiy of Medical Sciences, Iran, Tehran
- 2016-present** Faculty Member

## Summaries of Research Project

- Modeling the relationship between migraine and risk factors using Adjusted Multiple Correspondence Analysis, Shiraz University of Medical Sciences, Iran, Shiraz.
- Fuzzy Plaid Models for Biclustering of Gene Expression Data, Shahid Beheshti Universtiy of Medical Sciences, Iran, Tehran
- The effect of group discussion on the clients' self esteem and self-care ability with heart failure disease referred to Imam Ali hospital in Kermanshah.

- Effects of L-carnitine supplementation on body composition, oxidative stress and inflammatory factors in patients with coronary artery disease: A randomized clinical trial.
- a survey on epidemiological and paraclinical characteristics of hospitalized septicemic children in imam reza hospital during 2011-2015.
- Study of reasons and indications of vertebral disk herniation of spinal cord in patients in Kermanshah university of medical sciences teaching hospitals in 1395.
- An epidemiologic survey on suspected influenza cases undergoing Oseltamivir treatment in Kermanshah city during 2012-2015.
- Evaluation of peritoneal dialysis in the dialysis Imam Reza (AS) in the city of Kermanshah 2013-2016.
- Assessment of the effect of patient's education and telephone follow up(telenursing) by nurse on adherence to therapeutic regimen of the patients with Acute Coronary Syndrome.
- Investigating the compatibility of regionalization of perinatal care program with the national standards in the selected hospitals affiliated to the Kermanshah medical university in 2015.
- Investigate the Degree and Effective Factors of conflict among nurses in teaching hospital affiliated to Shahid Beheshti University of medical Sciences in Tehran, 2014.
- Study of high-risk behaviors among high school students of Ghorveh city in 2012.