

# Razieh Hassannejad

Assistant Professor of Biostatistics

Department of Epidemiology and Biostatistics, School of Health

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## Education

**Isfahan University of Medical sciences, Isfahan, Iran** 2013 - 2018

Ph.D., Biostatistics

Thesis: *A new modelling scheme to analysing over-dispersed longitudinal ordinal data with extra zeros.*

**Isfahan University of Medical sciences, Isfahan, Iran** 2008 - 2011

M.S., Biostatistics

Thesis: *Machine Learning Approach and Ordinal Logit Regression with application in Breast cancer.*

**Isfahan University of Technology, Isfahan, Iran** 2003 - 2007

B.S., statistics

## Professional Experience

**Assistant Professor of Biostatistics** Jun. 2025 - Present

*Department of Epidemiology and Biostatistics, School of Health, Isfahan University of Medical Science, Isfahan, Iran.*

**Assistant Professor of Biostatistics** Apr. 2019 - Jun. 2025

*Cardiovascular Research Institute, WHO Collaborating Centre, Isfahan University of Medical Sciences, Isfahan, Iran*

**Lecturer (Part-time)** Oct. 2012 - Feb. 2013

*Hashbehesht University of Isfahan, Isfahan, Iran*

**Lecturer (Part-time)** Oct. 2012 - Feb. 2013

*Azad University of Isfahan, Najafabad Unit, Isfahan, Iran*

## Research Interest

- Flexible modelling of random-effects distributions in longitudinal data
- Generalized linear mixed-effects models
- Bayesian generalized random-effects models for longitudinal data
- Risk assessment models
- Modelling Survival data
- Machine Learning Approach

## Publications

Journal articles

- Derakhshandeh, A., Shekarchizadeh, M., Hassannejad, R., Abdeyazdan, N., Najafan, J., Massoudi, S., ... & Sarrafzadegan, N. (2025). [Investigation of Factors Influencing Mammography Utilization in Newly Diagnosed Breast Cancer Cases in Iran \(2018–2020\)](#). *Journal of Isfahan Medical School*.

- Bady, S. A. M., Salmani, F., Zarepur, E., Kazemi, T., Partovi, N., Bojd, N. H., ... & Sarrafzadegan, N. (2025). [Investigating ethnic differences in risk factors and severity of developing premature coronary artery disease: Predicting the effect of risk factors through decision tree analysis in a multicenter case-control study: Results from Iran Premature Coronary Artery Disease \(IPAD study\).](#) *Journal of Cardiovascular and Thoracic Research*, 17(1), 49-57.
- Zamaneh, F., **Hassannejad, R.**, Nouri, F., Taheri, M., Najafian, J., Boshtam, M., & Sarrafzadegan, N. (2025). [The nine anthropometric obesity indices are differently associated with cardiovascular diseases and mortality: evidence from a population-based 17-year follow up cohort study.](#) (Co-first Author).
- Mohammadifard, N., Asadi, A., Zarepur, E., Paknahad, M. H., Khosravi, A., **Hassannejad, R.**, ... & Sarrafzadegan, N. (2025). [Dairy consumption and premature coronary artery disease onset: Iran premature coronary artery disease \(IPAD\) study insights.](#) *Scientific Reports*, 15(1), 408. (Corresponding Author).
- Teimouri-Jervekani, Z., Khara, E., **Hassannejad, R.**, Roohafza, H., Talaei, M., Sarrafzadegan, N., & Sadeghi, M. (2024). COMPARING THE ACCURACY OF ACC/AHA AND WHO RISK-MODELS IN ICS. *Atherosclerosis*, 399, 118848. (Corresponding Author).
- Kermani-Alghoraishi, M., Behrouzi, A., **Hassannejad, R.**, Sarrafzadegan, N., Nouri, F., Boshata, M., ... & Sadeghi, M. (2024). [Ultra-processed food consumption and cardiovascular events rate: an analysis from Isfahan Cohort Study \(ICS\).](#) *Nutrition, Metabolism and Cardiovascular Diseases*, 34(6), 1438-1447.
- Mohammadifard, N., Sadeghian, L., **Hassannejad, R.**, Khosravi, E., Gharipour, M., Karimi, S., ... & Sarrafzadegan, N. (2024). [Comparing vitamin D receptor gene polymorphisms in rs11568820, rs7970314, rs4334089 between COVID-19 patients with mild and severe symptoms: a case control study.](#) *Scientific Reports*, 14(1), 10170.
- Kholenjani, F. B., Shahidi, S., Vaseghi, G., Ashoorion, V., Sarrafzadegan, N., Siavash, M., ... & Kopaei, M. R. (2024). [First Iranian guidelines for the diagnosis, management, and treatment of hyperlipidemia in adults.](#) *Journal of Research in Medical Sciences*, 29(1), 18.
- Amirpour, A., Behjati, M. A., Zavar, R., Shirvani, E., Zarepour, E., **Hassannejad, R.**, ... & Parvar, N. M. (2024). [The assessment of no-reflow phenomenon incidence in early versus delayed percutaneous coronary intervention following a primary fibrinolysis.](#) *ARYA atherosclerosis*, 20(2), 31.
- Rafiee, H., Mohammadifard, N., Nouri, F., Alavi Tabatabaei, G., Najafian, J., Sadeghi, M., ... & Sarrafzadegan, N. (2024). [Association of triglyceride glucose index with cardiovascular events: insights from the Isfahan Cohort Study \(ICS\).](#) *European Journal of Medical Research*, 29(1), 135.
- Sadeghi, M., Sheikhabaei, E., Hansen, D., **Hassannejad, R.**, Rouhani, S., Hadavi, M. M., ... & Roohafza, H. (2024). [Is cardiac rehabilitation after PCI as effective as CABG? The first experience from the eastern mediterranean region cardiac rehabilitation registry.](#) *ARYA atherosclerosis*, 20(1), 9.
- Amirpour, A., Zavar, R., Seifipour, A., Sadeghi, M., Shirvani, E., Kermani-Alghoraishi, M., ... & **Hassannejad, R.** (2023). [Apixaban, a Novel Oral Anticoagulant, Use to Resolute Arterial Patency in Radial Artery Occlusion Due to Cardiac Catheterization; A Pilot Randomized Clinical Trial.](#) *ARYA atherosclerosis*, 19(6), 18.
- Vafaei, Z., Najafian, J., Shekarchizadeh, M., Mohammadifard, N., Mostafavi, S., Roohafza, H., ... & Sarrafzadegan, N. (2023). [Perceived stress, anxiety, and depression in women with breast cancer: CIBC study.](#) *Journal of Cancer Research and Therapeutics*, 19(7), 1893-1898.

- Mehrabani-Zeinabad, K., **Hassannejad, R.**, Nouri, F., Mohammadifard, N., Khosravi, A., & Sarrafzadegan, N. (2023). [Temporal Trends of cardiovascular disease Mortality in Central Iran between 2001 and 2018: The Impact of Isfahan Healthy Heart Program \(IHHP\).](#)(Co-first Author).
- Haghighatdoost, F., Mahdavi, A., Mohammadifard, N., **Hassannejad, R.**, Najafi, F., Farshidi, H., ... & de Oliveira, C. (2023). [The relationship between a plant-based diet and mental health: Evidence from a cross-sectional multicentric community trial \(LIPOKAP study\).](#) *PLoS One*, 18(5), e0284446.
- Kohi, S. M., Mohammadifard, N., **Hassannejad, R.**, Nouri, F., Mansourian, M., & Sarrafzadegan, N. (2023). [Explaining the Decline in Coronary Heart Disease Mortality Rate Using IMPACT Model: Estimation of the Changes in Risk Factors and Treatment Uptake in Iran between 2007 and 2016.](#) *ARYA atherosclerosis*, 19(3), 33.
- Mohseni, M., Mohammadifard, N., **Hassannejad, R.**, Aghabozorgi, M., Shirani, F., Sadeghi, M., ... & Sarrafzadegan, N. (2023). [Longitudinal association of dietary habits and the risk of cardiovascular disease among Iranian population between 2001 and 2013: The Isfahan Cohort Study.](#) *Scientific Reports*, 13(1), 5364.
- Saberi, N., Hayrabetian, A., Mazdak, H., **Hassannejad, R.**, Zargham, M., Sichani, M. M., & Mirzaei, M. (2023). [Effect of rectal midazolam on pain, stress, and cooperation of patient during urodynamic test in women: a randomized clinical trial.](#) *Urology Journal*, 20(02), 129-134.
- **Hassannejad, R.**, Shafie, D., Turk-Adawi, K. I., Hajaj, A. M., Mehrabani-Zeinabad, K., Lui, M., ... & Sarrafzadegan, N. (2023). [Changes in the burden and underlying causes of heart failure in the Eastern Mediterranean Region, 1990–2019: An analysis of the Global Burden of Disease Study 2019.](#) *EClinicalMedicine*, 56.
- Ordikhani, M., Saniee Abadeh, M., Prugger, C., **Hassannejad, R.**, Mohammadifard, N., & Sarrafzadegan, N. (2022). [An evolutionary machine learning algorithm for cardiovascular disease risk prediction.](#) *Plos one*, 17(7), e0271723.
- Grau, N., Mohammadifard, N., **Hassannejad, R.**, Haghighatdoost, F., Sadeghi, M., Talaei, M., ... & Sarrafzadegan, N. (2022). [Red and processed meat consumption and risk of incident cardiovascular disease and mortality: Isfahan cohort study.](#) *International journal of food sciences and nutrition*, 73(4), 503-512.
- Edalatkhah, A., Khorshidi, F. S., Mohammadi, H., **Hassannejad, R.**, Jafari, F., Lame, M., ... & Zarepur, E. (2022). [Risk factors, clinical, and laboratory characteristics of patients with a diagnosis of Covid-19.](#) *Journal of Emergency Practice and Trauma*, 8(2), 115-121.
- Sarrafzadegan, N., Bagherikholejani, F., Noohi, F., Alikhasi, H., Mohammadifard, N., Ghaffari, S., ... & Moeeni, M. (2022). [Priority setting in cardiovascular research in Iran using standard indigenous methods.](#) *Journal of Research in Medical Sciences*, 27(1), 91.
- Marateb, H. R., von Cube, M., Sami, R., Haghooy Javanmard, S., Mansourian, M., Amra, B., ... & Wolkewitz, M. (2021). [Absolute mortality risk assessment of COVID-19 patients: the Khorshid COVID Cohort \(KCC\) study.](#) *BMC medical research methodology*, 21, 1-9.
- Sadeghi, M., Simani, M., Mohammadifard, N., Talaei, M., Roohafza, H., **Hassannejad, R.**, & Sarrafzadegan, N. (2021). [Longitudinal association of dietary fat intake with cardiovascular events in a prospective cohort study in Eastern Mediterranean region.](#) *International journal of food sciences and nutrition*, 72(8), 1095-1104.
- Hajhashemi, P., **Hassannejad, R.**, Haghighatdoost, F., Mohammadifard, N., Sadeghi, M., Roohafza, H., ... & Sarrafzadegan, N. (2021). [The long-term association of different dietary protein sources with metabolic syndrome.](#) *Scientific Reports*, 11(1), 19394.

- **Hassannejad, R.**, Mansourian, M., Marateb, H., Mohebian, M. R., Gaziano, T. A., Jackson, R. T., ... & Sarrafzadegan, N. (2021). [Developing non-laboratory cardiovascular risk assessment charts and validating laboratory and non-laboratory-based models](#). *Global heart*, 16(1), 58.
- **Hassannejad, R.**, Sharrouf, H., Haghighatdoost, F., Kirk, B., & Amirabdollahian, F. (2021). [Diagnostic power of circulatory metabolic biomarkers as metabolic syndrome risk predictors in community-dwelling older adults in northwest of England \(A feasibility study\)](#). *Nutrients*, 13(7), 2275.
- **Hassannejad, R.**, Moosavian, S. P., Mohammadifard, N., Mansourian, M., Roohafza, H., Sadeghi, M., & Sarrafzadegan, N. (2021). [Long-term association of red meat consumption and lipid profile: A 13-year prospective population-based cohort study](#). *Nutrition*, 86, 111144.
- Sadeghi, M., Soleimani, A., Sarrafzadegan, N., Askari, M., Nouri, F., Masoumi, G., ... & Roohafza, H. (2021). [Background and design of a 5-year ST Elevation Myocardial Infarction Cohort in Isfahan, Iran: SEMI-CI study](#). *ARYA atherosclerosis*, 17(3), 1.
- Mohammadifard, N., Ghaderian, N., **Hassannejad, R.**, Sajjadi, F., Sadeghi, M., Roohafza, H., ... & Sarrafzadegan, N. (2021). [Longitudinal association of nut consumption and the risk of cardiovascular events: a prospective cohort study in the eastern Mediterranean region](#). *Frontiers in Nutrition*, 7, 610467.
- Shakibaei, N., **Hassannejad, R.**, Mohammadifard, N., Marateb, H. R., Mansourian, M., Mañanas, M. A., & Sarrafzadegan, N. (2020). [Pathways leading to prevention of fatal and non-fatal cardiovascular disease: An interaction model on 15 years population-based cohort study](#). *Lipids in health and disease*, 19, 1-12.
- Sarrafzadegan, N., **Hassannejad, R.**, Roohafza, H., Sadeghi, M., Talaei, M., Oveisgharan, S., & Mansourian, M. (2019). [A 10-year Isfahan cohort on cardiovascular disease as a master plan for a multi-generation non-communicable disease longitudinal study: methodology and challenges](#). *Journal of human hypertension*, 33(11), 807-816.
- Mohammadifard, N., Haghighatdoost, F., Mansourian, M., **Hassannejad, R.**, Sadeghi, M., Roohafza, H., ... & Sarrafzadegan, N. (2019). [Long-term association of nut consumption and cardiometabolic risk factors](#). *Nutrition, Metabolism and Cardiovascular Diseases*, 29(9), 972-982.
- **Hassannejad, R.**, Mohammadifard, N., Kazemi, I., Mansourian, M., Sadeghi, M., Roohafza, H., & Sarrafzadegan, N. (2019). [Long-term nuts intake and metabolic syndrome: a 13-year longitudinal population-based study](#). *Clinical Nutrition*, 38(3), 1246-1252.
- **Hassannejad, R.**, Kazemi, I., Sadeghi, M., Mohammadifard, N., Roohafza, H., Sarrafzadegan, N., ... & Mansourian, M. (2018). [Longitudinal association of metabolic syndrome and dietary patterns: a 13-year prospective population-based cohort study](#). *Nutrition, Metabolism and Cardiovascular Diseases*, 28(4), 352-360.
- Sarrafzadegan, N., **Hassannejad, R.**, Marateb, H. R., Talaei, M., Sadeghi, M., Roohafza, H. R., ... & Mananas, M. A. (2017). [PARS risk charts: A 10-year study of risk assessment for cardiovascular diseases in Eastern Mediterranean Region](#). *PLoS One*, 12(12), e0189389. (Co-first Author)
- Yadegarfar, G., Alinia, T., Hosseini, R., **Hassannejad, R.**, Fayaz, M., Sanati, J., ... & Majeed, A. (2013). [Psychometric properties of the Farsi version of effort-reward imbalance questionnaire: a longitudinal study in employees of a synthetic fibre factory in Iran](#). *International archives of occupational and environmental health*, 86, 147-155.
- Barekatin, M., Maracy, M. R., **Hassannejad, R.**, & Hosseini, R. (2013). [Factors associated with readmission of patients at a university hospital psychiatric ward in Iran](#). *Psychiatry journal*, 2013(1), 685625.

- Ataie, M., Nokhodian, Z., Ataie, B., Kassaian, N., Yaran, M., & **Hassannejad, R.** (2013). [Seroprevalence of hepatitis B virus and human immunodeficiency virus among young prisoners.](#) *Journal of Research in Medical Sciences: The Official Journal of Isfahan University of Medical Sciences*, 18(1), 70.
- Ataie, B., Hashemipour, M., Kassaian, N., **Hassannejad, R.**, Nokhodian, Z., & Adibi, P. (2012). [Prevalence of anti HCV infection in patients with Beta-thalassemia in Isfahan-iran.](#) *International journal of preventive medicine*, 3(Suppl1), S118.
- Kassaian, N., Adibi, P., Kafashaian, A., Yaran, M., Nokhodian, Z., Shoaie, P., ... & Ataie, B. (2012). [Hepatitis C virus and associated risk factors among prison inmates with history of drug injection in Isfahan, Iran.](#) *International Journal of Preventive Medicine*, 3(Suppl1), S156.
- **Hassannejad, R.**, Kassaian, N., Ataie, B., & Adibi, P. (2012). [High risky behaviors among intravenous drug users in Isfahan, Iran: A study for hepatitis C harm reduction programs.](#) *International Journal of Preventive Medicine*, 3(Suppl1), S73.
- Shoaie, P., Lotfi, N., **Hassannejad, R.**, Yaran, M., Ataie, B., Kassaian, N., ... & Adibi, P. (2012). [Seroprevalence of hepatitis C infection among laboratory health care workers in Isfahan, Iran.](#) *International Journal of Preventive Medicine*, 3(Suppl1), S146.
- Nokhodian, Z., Ataie, B., Kassaian, N., Yaran, M., **Hassannejad, R.**, & Adibi, P. (2012). [Seroprevalence and risk factors of hepatitis C virus among juveniles in correctional center in Isfahan, Iran.](#) *International journal of preventive medicine*, 3(Suppl1), S113.
- Nokhodian, Z., Meshkati, M., Adibi, P., Ataie, B., Kassaian, N., Yaran, M., ... & **Hassannejad, R.** (2012). [Hepatitis C among intravenous drug users in Isfahan, Iran: a study of seroprevalence and risk factors.](#) *International journal of preventive medicine*, 3(Suppl1), S131.
- Shoaie, P., Zeidabadinejad, L., **Hassannejad, R.**, Ataie, B., Yaran, M., Kassaian, N., ... & Foroughifar, M. (2012). [Seroprevalence of hepatitis a in patients with chronic hepatitis C in isfahan province.](#) *International Journal of Preventive Medicine*, 3(Suppl1), S102.
- Yadegarfar, G., Alinia, T., **Hassannezhad, R.**, Fayaz, M., Hosseini, R., Sanati, J., ... & Harandi, A. (2012). [Validation and localization of Farsi version of effort-reward imbalance questionnaire to measure job stress among employees of Isfahan Polyacryle Corporation.](#)
- Maracy, M., Barekatin, M., Hosseini, R. S., & **Hassannejad, R.** (2011). [Relationship between psychological disorder and epidemiological characteristics inpatients in Noor hospital, Isfahan, Iran.](#) *Journal of Health System Research*, 7(2).

## Research Projects

### Research supervision and mentoring (Advisor, and co-supervisor)

2019-2024

- Investigating the association between cardiovascular risk factors (smoking, diabetes, hypertension, and dyslipidemia) and the occurrence of cardiovascular outcomes in patients with breast and colorectal cancer. (2025).
- Investigation and comparison of radiological criteria and its effect on the results of treatment of distal radius fractures that underwent non-surgical treatment in medical training centers of Isfahan University of Medical Sciences in 2023.
- Investigating the relationship between socioeconomic factors and the severity and extent of coronary artery involvement in people with premature coronary artery disease using data from the I-PAD project.

- Investigating the psychological, physical, daily functioning and family of patients with non-advanced cancer in Isfahan city.
- Investigating the psychological, physical, daily functioning and family of patients with non-advanced cancer in Isfahan city.
- Investigating the relationship between fruit and vegetable consumption and the occurrence of cardiovascular events and total mortality in an Iranian society: Isfahan cohort study.
- Investigation of the results of heart transplantation in heart failure patients at Chamran Hospital in Isfahan from 2001 to 2021.
- Investigating the incidence of bladder cancer and testicular cancer in the last twenty years (2001 to 2021) in Isfahan province and comparing them.
- Investigating the effect of starting time of rehabilitation after cardiac accident on risk factors and anthropometric factors and heart function variables.
- Examining ECG changes in colon and breast cancer patients who were referred to Cardio-Oncology Clinic of Chamran Heart and Vascular Research Institute in 2022.
- Obesity indices and physical activity in new case breast and colorectal cancer.
- Investigating the relationship between fruit and vegetable consumption and early coronary artery disease and its severity.
- Evaluation of the role of inflammation in causing acute kidney injury due to elective angiography in patients with metabolic syndrome in patients referred to Shahid Chamran Hospital in Isfahan in 2022.
- Investigation of the association between the time between receiving thrombolytic therapy and angioplasty with the rate of no-reflow in the first injection after angioplasty in patients with acute myocardial infarction with ST elevation (STEMI).
- The effect of low-dose apixaban in the treatment of symptomatic cases of radial artery occlusion following radial artery angiography.
- Investigating factors affecting the screening of new colon cancer cases between 2018 and 2019 in Isfahan province.
- Investigating the relationship between angiography and angioplasty findings in acute myocardial infarction patients with in-hospital complications.
- Investigating the relationship between not eating breakfast and early coronary artery disease and its severity.
- Investigating factors affecting the screening of new cases of breast cancer in Isfahan province.
- Evaluation and comparison of anticoagulant and antiplatelet therapy in MACE of patients with coronary artery ectasia without obvious stenosis, a systematic review study.
- The relationship between left ventricular systolic function and its changes in 5-year follow-up with cardiovascular events in patients with acute myocardial infarction referred to Chamran Hospital in Isfahan.
- Ectopic RCA: Frequency, clinical signs and its association with mace
- Evaluation and comparison of anticoagulant and antiplatelet therapy in cardiovascular events in patients with coronary artery ectasia without obvious stenosis.
- The relationship between dairy consumption and the severity of coronary artery disease in patients with premature coronary artery disease: a case-control study.
- Determination and comparison of ten-year risk of cardiovascular disease according to WHO and AHA risk chart in Isfahan cohort study population.

- The association of processed foods with cardiovascular events in Isfahan cohort study from 2001-2018.
- Networking Related Factors of Cardiovascular Disease in Isfahan Cohort Study Using Bayesian Structural Equation Modeling.

## Research Projects

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### Research Assistant

2011-2023

- The association between triglyceride-glucose index and cardiovascular disease-Isfahan cohort study (ICS).
- Investigating the results of intrapetrous botulinum toxin type A injection in the treatment of children with refractory secondary vesicoureteral reflux.
- Investigation of the prevalence of urethral stricture after transurethral resection of the prostate (TURP) in patients undergoing TURP at Al-Zahra Hospital in Isfahan in 2014-2016.
- Investigating the prevalence and interpretation of coronary ectasia risk factors (with and without associated coronary artery stenosis) in patients undergoing angiography at Chamran Heart Hospital in Isfahan during the past 5 years.
- The relationship between urinary sodium and potassium levels and cardiovascular events and risk factors in Isfahan cohort study.
- Determining the frequency and pattern of deaths in COVID-19 hospitalized and outpatients in Isfahan.
- Effect of intra-rectal midazolam administration before urodynamic study on pain, stress and cooperation of patient during test in women referred to Urodynamic Center of Khorshid Hospital in 2020.
- Development of national clinical practice guidelines for the Management and Treatment of Acute Coronary Syndromes (Hakami GRANT).
- Development of clinical practice guidelines for the Prevention, Management, Diagnosis and Treatment of Dyslipidemia.
- Design, Evaluation and Validation of PARS Cardiovascular Disease Risk assessment model Based on Laboratory and Non-Laboratory Risk Factors and Design of Cardiovascular Disease Calculator web-based system
- Relationship between Dietary Patterns and the Severity of Covid-19 Disease in Adults with Covid-19 in Isfahan County.
- Comparing vitamin D receptor gene polymorphisms between COVID-19 patients with mild and severe symptoms: A case-control study.
- Socio-economic inequality in hypertension control in patients with hypertension in Isfahan-2019.
- Factor associated with readmission among psychiatric inpatients at Noor hospital in Isfahan for 2004-2009.
- Study of epidemiologic characteristic of psychiatric inpatient at Noor hospital in Isfahan, 2004-2009.
- Prevalence of HPV and potential Risk Factors among Cervical discharges from women with Risky Social Behavior in Isfahan, Iran, 2012.
- Prevalence of Neisseria Gonorrhea and potential Risk Factors among Cervical discharges from women with Risky Social Behavior in Isfahan, Iran, 2011.
- Prevalence of Chlamydia trachomatis and potential Risk Factors in urine sample of women with Risky Social Behavior in Isfahan, Iran, 2012.
- Prevalence of Chlamydia trachomatis and potential Risk Factors among Cervical discharges from women with Risky Social Behavior in Isfahan, Iran, 2011.

- Prevalence of Neisseria Gonorrhea and potential Risk Factors s in urine sample of women with Risky Social Behavior in Isfahan, Iran, 2011.
- Prevalence of herpes simplex type 2 and potential Risk Factors among women with Risky Social Behavior in Isfahan, Iran, 2011.

### **Conference Presentations**

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- Yadegarfar, G., Alinia, T., Hosseini, R, **Hassannejad R.**, Fayaz, M., & Sanati, J. The Farsi version of effort – reward imbalance questionnaire: A study of Psychometric Properties in employees of Isfahan Polyacryle Corporation. The 1st International Congress of Evidence Base Medicine in Developing Countries, Tabriz, Iran. April 20 – 23, 2010. (Poster presentation)
- Yadegarfar, G., Alinia, T., Sanati, J., Hosseini, R., & **Hassannezhad, R.** Job stress and cardiovascular disease risk factors: a cross-sectional study on employees of Polyacryl Iran Corporation Company. ICOH-WOPS Conference: The Changing World of Work, Amsterdam, NL. June 14-17, 2010. (Oral presentation)
- Maracy, M. R., Barkatain M., **Hassannejad, R.**, Hosseini, R. Factor Associated with readmission among psychiatric inpatients at Noor hospital in Esfahan, Iran from 2004-2009. International conference on development and applications of statistics in emerging areas of science and technology, Jammu, India, December 8-10, 2010. (Oral presentation).
- Yadegarfar, G., **Hassannezhad, R.**, Hosseini, R., Alinia, T., Fayaz, M., Sanati, J., Haandi, J., HajNouruzali, V., Baghi, M., Mirzavand, E., & Harandi, A. Shift work, Job stress and CVD risk factors. Stockholm, Sweden. June 28 to July 1, 2011. (Oral presentation).
- Yadegarfar, G., Alinia, T., Hosseini, H., **Hassannezhad, R.**, Fayaz, M., Sanati, J., HajNouruzali, V., Baghi, M. R., & Mirzavand E. Psychological stress at work and depression symptoms in employees of Polyacryl Iran Corporation Company. Tabriz, Iran. 16 -19 May 2011. (Oral presentation).
- Yadegarfar, G., Alinia, T., Fayaz, M., **Hassannezhad, R.**, Hosseini, R., Ramazani, N., Sanati, J., Harandi, J., HajNouruzali, V., Baghi, M. R., & Mirzavand, E. Work and individual factors of job stress: An investigation within an industrial company in Iran. Edinburgh International Conference Centre, Edinburgh, Scotland. 7-11th August 2011. (Poster presentation).
- Yadegarfar, G., Fayaz, M., Alinia, T., **Hassannezhad, R.**, Hosseini, R., Sanati, J., Harandi, J., HajNouruzali, V., & Baghi, M. R. Shift work and job stress among employees of Polyacryl Iran Corporation Company. 6th Iranian Congress of Epidemiology, Shahrood, Iran. July 13-15, 2010. (Poster presentation).
- Maracy, M. R., Barkatain, M., **Hassannejad, R.**, & Hosseini, R. Factor Associated with readmission among psychiatric inpatients at Noor hospital in Esfahan, Iran from 2004-2009. The 1st student national congress on social determinants of health, Tehran, Iran, October 13-14, 2010. (I have presented delivered poster presentations and it was selected as a top poster).

### **Certifications and Workshops**

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#### **Organizer**

- STATA Workshop – Beginner and advanced
- Advanced SPSS Workshop

#### **Attendee**

- R Software Workshop, Isfahan University of Medical Sciences
- SPSS Software Workshop, Isfahan University of Medical Sciences
- WinBugs Software Workshop, Isfahan University of Medical Sciences



- Systematic Review Workshop, Isfahan University of Medical Sciences
- Searching in scientific databases workshop, Isfahan University of Medical Sciences
- Ethics in research Workshop, Isfahan University of Medical Sciences
- Systematic Review and Meta-Analysis Workshop, Isfahan University of Medical Sciences
- Advanced search methods in Systematic Review, Isfahan University of Medical Sciences
- Localization of Questionnaire Workshop, Isfahan University of Medical Sciences
- Health Start-up Weekend program, Isfahan University of Medical Sciences
- Modern Variable (Featured) Selection Techniques in High-Dimensional Regression Problems, Isfahan University of Medical Sciences
- Advanced search methods Workshop, Isfahan University of Medical Sciences
- Teaching and Research methods Workshop, Isfahan University of Medical Sciences
- Design and production of electronic learning courses Workshop, Isfahan University of Medical Sciences

### **Memberships**

- Member of the research council of Isfahan Cardiovascular Research Centre, Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.
- Member of the research council of the Hypertension Research Centre, Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.
- Collaboration with “The Annual Research Day” as a reviewer, Isfahan University of Medical Sciences, Isfahan, Iran.
- Collaboration with the Journal of Research in Medical Sciences as a reviewer.
- Collaboration with the Journal of Health System Research as a reviewer.
- Collaboration with the Journal of Knowledge Health as a reviewer.
- Collaboration with ARYA Atherosclerosis Journal as a reviewer.