

Peyman Jafari, Ph.D.
Professor of Biostatistics
Shiraz University of Medical Sciences
Shiraz, Iran
Jafarip@sums.ac.ir

EDUCATION

B.S: Mathematical Statistics 1997 Shahid Beheshti University, Tehran, Iran.

M.S: Biostatistics, 2000 Shiraz University of Medical Sciences Shiraz, Iran.

Ph.D: Biostatistics, 2006, Shiraz University of Medical Sciences Shiraz, Iran.

Visiting researcher at the School of Computing and Mathematics, University of Ulster (UU) in UK for six months.

Thesis

Ph.D thesis: Modeling optimal truncated point in group sequential methods and its application to clinical trials

M.S thesis: Causes of gastrointestinal cancer in Fars province: Conditional logistic regression

Professional History:

Teaching history

Department of Biostatistics, School of Medicine, Level: Postgraduate (Ph.D and M.S.), Type of lesson: Classroom and Laboratory, Title of lesson: **Analysis of categorical data** Year: 2006-2016.

Department of Biostatistics, School of Medicine, Level: Postgraduate (M.S.), Type of lesson: Classroom and Laboratory, Title of lesson: **Design and analysis of clinical trials**, Year: 2006-2014.

Department of Biostatistics, School of Medicine, Level: Postgraduate, Type of lesson: Classroom and Laboratory, Title of lesson: **Advance Biostatistics**, Year: 2003-2016

PUBLICATIONS (My papers in Persian have not been included)

You can find my total citations in the link below:

<http://scholar.google.com/citations?user=lm2JzsQAAAAJ>

According to Google Scholar my total citations is 846

1. **Jafari P**, Nozari F, Ahrari F, Bagheri Z. Measurement invariance of the Depression Anxiety Stress Scales-21 across medical student genders. *Int J Med Educ.* 2017; 30(8). 116-122.
2. **Jafari P**, Stevanovic D, Bagheri Z. Cross-cultural Measurement Equivalence of the KINDL Questionnaire for Quality of Life Assessment in Children and Adolescents. *Child Psychiatry Hum Dev.* 2016; 47(2):291-304.
3. **Jafari P**, Allahyari E, Salarzadeh M, Bagheri Z. Item-level informant discrepancies across obese-overweight children and their parents on the PedsQL™ 4.0 instrument: an iterative hybrid ordinal logistic regression. *Qual Life Res* 2016 Jan; 25(1):25-33.
4. **Jafari P**, Sharafi Z, Bagheri Z, Shalileh S. Measurement Equivalence of the KINDL Questionnaire Across Child Self-reports and Parent Proxy-reports: A Comparison Between Item Response Theory and Ordinal Logistic Regression. *Child Psychiatry & Human Development.* 2013:1-8.
5. **Jafari P**, Bagheri Z, Hashemi SZ, Shalileh K. Assessing Whether Parents and Children Perceive the Meaning of the Items in the PedsQL™ 4.0 Quality of Life Instrument Consistently: A Differential Item Functioning Analysis. *Global journal of health science.* 2013;5(5).
6. **Jafari P**, Bagheri Z, Safe M. Item and response-category functioning of the Persian version of the KIDSCREEN-27: Rasch partial credit model. *Health Qual Life Outcomes.* 2012;10:127.
7. **Jafari P**, Bagheri Z, Ayatollahi S, Soltani Z. Using Rasch rating scale model to reassess the psychometric properties of the Persian version of the PedsQL™ 4.0 Generic Core Scales in school children. *Health Qual Life Outcomes.* 2012;10(1):27.
8. **Jafari P**, Ghanizadeh A, Akhondzadeh S, Mohammadi MR. Health-related quality of life of Iranian children with attention deficit/hyperactivity disorder. *Quality of Life Research.* 2011;20(1):31-6.
9. **Jafari P**, Forouzandeh E, Bagheri Z, Karamizadeh Z, Shalileh K. Health related quality of life of Iranian children with type 1 diabetes: reliability and validity of the Persian version of the PedsQL™ Generic Core Scales and Diabetes Module. *Health Qual Life Outcomes.* 2011;9:104.
10. **Jafari P**, Asadollahi Z, Moini M, Mirzaie MS. Health Related Quality of Life in Iranian Patients With Irritable Bowel Syndrome: Reliability and Validity of the Persian Version of the IBS-QOL. *Iranian Red Crescent Medical Journal.* 2013;15(8):723-8.

11. **Jafari P**, Azuaje F. An assessment of recently published gene expression data analyses: reporting experimental design and statistical factors. *BMC Medical Informatics and Decision Making*. 2006;6(1):27.
12. **Jafari P**, Ayatollahi SM, Behboodian J. Sequential boundaries approach in clinical trials with unequal allocation ratios. *BMC medical research methodology*. 2006;6(1):1.
13. **Jafari P**, Akhtar-Danesh N, Bagheri Z. A Flexible Method for Testing Independence in Two-Way Contingency Tables. *Journal of Modern Applied Statistical Methods*. 2010;9(2):11.
14. Shahsavari Z, **Jafari P**. Examining Gender Differences in Students' Attitude toward Blogs Using Measurement Invariance. *Journal of Diversity in Education*. 2018. 18 (1), 13-25.
15. Alamolhoda M, **Jafari P**, Ayatollahi SMT, Kazerooni PA. Reliability and validity of Persian version of Medical Outcome Study-HIV health survey in Iranian people living with HIV. *Journal of Traditional Chinese Medicine* 37 (5), 695-701.
16. Faghih M, Bagheri Z, Stevanovic D, Ayatollahi SMT, **Jafari P**. A Comparative Study of the Bias Correction Methods for Differential Item Functioning Analysis in Logistic Regression with Rare Events Data. *Biomed Res Int*. 2020
17. Hamidizadeh N, Ranjbar S, Ghanizadeh A, Parvizi MM, **Jafari P**, Handjani F. Evaluating prevalence of depression, anxiety and hopelessness in patients with Vitiligo on an Iranian population. *Health Qual Life Outcomes*. 2020
18. Jafarpour Z, Pouladfar G, Malek Hosseini SA, Firoozifar M, **Jafari P**. Bacterial infections in the early period after liver transplantation in adults: A prospective single-center cohort study. *Microbiol Immunol*. 2020 Jun;64(6):407-415.
19. Mohammadi M, Bagheri M, **Jafari P**, Bazrafkan L. Motivating medical students for social accountability in medical schools. *J Adv Med Educ Prof*. 2020;8(2):90-99.
20. Katibeh P, Inaloo S, **Jafari P**, Fattah F, Mazloomi S. Evaluation of the Quality of Life in Epileptic Children of Shiraz, Southern Iran. *Iran J Child Neurol*. 2020 Spring;14(2):59-68.
21. Namazi MR, Nozari F, **Jafari P**. Serum magnesium concentrations in vitiligo patients. *Magnes Res*. 2019 May 1;32(2):51-53.

22. Bagheri Z, Akbari M, **Jafari P**, Huedo-Medina TB. Assessing the measurement invariance of the RCADS-25 questionnaire across gender and child-parent dyads in the presence of multilevel data. *Qual Life Res.* 2019 Mar;28(3):829-840.
23. Ataollahi M, Amini M, Delavari S, Bazrafkan L, **Jafari P**. Reliability and validity of the Persian version of readiness for inter-professional learning scale. *Int J Med Educ.* 2019 Nov 4;10:203-207.
24. Ahmadvand S, Faghih Z, Montazer M, Safaei A, Mokhtari M, **Jafari P**, Talei AR, Tahmasebi S, Ghaderi A. Importance of CD45RO+ tumor-infiltrating lymphocytes in post-operative survival of breast cancer patients. *Cell Oncol (Dordr).* 2019 Jun;42(3):343-356.
25. Pourahmad S, **Jafari P**, Ghodsi S. Unsupervised neural network for evaluating the ability of the SF-36 instrument to differentiate individuals. *East Mediterr Health J.* 2019 Nov 25;25(11):769-774.
26. Masoumpour MB, **Jafari P**. Is Corneal Arcus Independently Associated With Incident Cardiovascular Disease in Asians? *Am J Ophthalmol.* 2018 Apr;188:184-185.
27. Jamali J, Ayatollahi SMT, **Jafari P**. The Effect of Cross-loading on Measurement Equivalence of Psychometric Multidimensional Questionnaires in MIMIC Model: a Simulation Study. *Mater Sociomed.* 2018.30.121-126.
28. Bagheri Z, Akbari M, **Jafari P**, Huedo-Medina TB. Assessing the measurement invariance of the RCADS-25 questionnaire across gender and child-parent dyads in the presence of multilevel data. *Qual Life Res.* 2019 Mar;28(3):829-840.
29. Irvani K, **Jafari P**, Akhlaghi A, Khademi B. Assessing whether EORTC QLQ-30 and FACT-G measure the same constructs of quality of life in patients with total laryngectomy. *Health Qual Life Outcomes.* 2018 Sep 14;16(1):183.
30. Babajafari S, Akhlaghi M, Mazloomi SM, Ayaz M, Noorafshan A, **Jafari P**, Hojhabrیمانesh A. The effect of isolated soy protein adjunctive with flaxseed oil on markers of inflammation, oxidative stress, acute phase proteins, and wound healing of burn patients; a randomized clinical trial. *Burns.* 2018 Feb;44(1):140-149.
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32. Jamali J, Ayatollahi SMT, **Jafari P**. The Effect of Small Sample Size on Measurement Equivalence of Psychometric Questionnaires in MIMIC Model: A Simulation Study. *Biomed Res Int*.
33. Bagheri Z, **Jafari P**, Mahmoodi M, Dabbaghmanesh MH. Testing whether patients with diabetes and healthy people perceive the meaning of the items in the Persian version of the SF-36 questionnaire similarly: A differential item functioning analysis. *Quality of Life Research*. 2017; 26(4):835-845.
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39. Bagheri Z, **Jafari P**, Tashakor E, Kouhpayeh A, Riazi H. Assessing whether measurement invariance of the KIDSCREEN-27 across child-parent dyad depends on the child gender: a multiple group confirmatory factor analysis. *Glob J Health Sci*. 2014 May 19;6(5):142-53
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46. Jelodar S, **Jafari P**, Yadollahi M, Sabetian Jahromi G, Khalili H, Abbasi H, Bolandparvaz S, Paydar S. Potential Risk Factors of Death in Multiple Trauma Patients. *Emerg (Tehran)*. 2014 Fall;2(4):170-3.
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48. Doostfatemeh M, Ayatollahi SM, **Jafari P**. Power and sample size calculations in clinical trials with patient-reported outcomes under equal and unequal group sizes based on graded response model: a simulation study. *Value in Health*. 2016. 19(5):639-645.
49. Jamali J, Ayatollahi SMT, **Jafari P**. A New Measurement Equivalence Technique Based on Latent Class Regression as Compared with Multiple Indicators Multiple Causes. *Acta Informatica Medica*. 2016.
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51. Dehesh T, Zare N, **Jafari P**, Sagheb MM. Psychometric assessment of the Persian version of the Ferrans and Powers 3.0 index in hemodialysis patients. *International urology and nephrology*. 2013:1-7.
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55. Molazem Z, Falahati T, Jahanbin I, **Jafari P**, Ghadakpour S. The Effect of Psycho-Educational Interventions on the Quality of Life of the Family Caregivers of the Patients with Spinal Cord Injury: A Randomized Controlled Trial. *International Journal of Community Based Nursing and Midwifery.* 2013; 2(1):31-9.
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61. Kashefi F, Khajehei M, Ashraf AR, **Jafari P**. The Efficacy of Acupressure at the Sanyinjiao Point in the Improvement of Women's General Health. *The Journal of Alternative and Complementary Medicine.* 2011;17(12):1141-7.
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65. Poorkiani M, Abbaszadeh A, Hazrati M, **Jafari P**, Sadeghi M, Mohammadianpanah M. The effect of rehabilitation on quality of life in female breast cancer survivors in Iran. *Indian J Med Paediatr Oncol*. 2010 Oct;31(4):105-9.
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SKILLS / PERSONAL

Computer Skills: SAS and R programming, SPSS, PEST4, WINSTEP, Mplus, IRTPRO2.1.

Language Abilities: **Farsi (Persian):** Native, **English:** Not bad!

Hobbies/Interests: Swimming, Skiing, History and Movies.