

▶ Leili Tapak

Assistant Professor of Biostatistics,

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Public Health, Hamadan University of

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Education:

Sabbatical leave period:

- ▶ Radboudumc University, Department of Biostatistics
- ▶ Leiden University of Medical Science, Biostatistics and statistical Bioinformatics department, Leiden, Netherlands. 4th June.2015- 20th December.2016.

PhD Candidate (2011-2016):

- ▶ Biostatistics, Department of Biostatistics, School of Public Health, Hamadan University of Medical Sciences, Hamadan, Iran. First Top student between PhD Entrances .

Thesis title: Additive Hazards Model in Competing Risks by Microarray Data (high-dimension)

Master of Science (2009-2010):

- ▶ Biostatistics, Department of Biostatistics, School of Public Health, Hamadan University of Medical Sciences, Hamadan, Iran. First Top student.
Thesis title: Comparison of Imputation Methods in Analysis of Survival Data and Application in Predicting Gastric Cancer.

Master of Science (2002-2004):

- ▶ Socioeconomic Statistics, Department of Mathematics, Isfahan University of Technology, Isfahan, Iran. First Top student.

Thesis title A hierarchical Bayesian non-response model for binary data.

Bachelor of Science(1998-2002):

- ▶ Statistics, Department of Mathematics, Isfahan University of Technology, Isfahan, Iran. Sixth Top student.

Awards and Honors:

- ▶ Distinguished Researcher at Hamadan University of Medical Sciences Hamadan, Iran (2022).
- ▶ Distinguished Researcher at Hamadan University of Medical Sciences Hamadan, Iran (2021).
- ▶ Distinguished Researcher at Hamadan University of Medical Sciences Hamadan, Iran (2020).
- ▶ Award in certificate of appreciation for achieving 1th Rank between PhD National Entrance Examination Volunteers, Hamadan University of Medical Sciences, Hamadan, Iran (2011).
- ▶ Award in certificate of appreciation for achieving 1th Rank between PhD Entrances, Hamadan University of Medical Sciences, Hamadan, Iran (2012 and 2013).
- ▶ Award in certificate of appreciation for achieving 1th Rank between M.Sc. Entrances, Hamadan University of Medical Sciences, Hamadan, Iran. (2012 and 2013).
- ▶ Fellowship award for achieving 1th Rank between M.Sc. Entrances, 1000\$ from Isfahan University of Technology, Iran. (2003).
- ▶ Award in IRAN PERSIA 1 IMAMI GOLD COIN for achieving 1th Rank between M.Sc. Entrances from Isfahan University of Technology, Iran. (2004).
- ▶ Award in IRAN PERSIA 1 IMAMI GOLD COIN for achieving 1th Rank between M.Sc. Entrances from PASARGAD BANK, Iran. (2004).
- ▶ Award in IRAN PERSIA a quarter IMAMI GOLD COIN for achieving best Speaker from Statistical Research and Training Center of Iran, Iran. (2005).

Professional Experience:

- ▶ Assistant Professor of Biostatistics, Hamadan University of Medical Sciences, Hamadan Iran. (2016-present).
- ▶ Head of Department of Basic Science, University College of Omran and Toseeh (UCOT), Hamadan, Iran. (2009-2011).

- ▶ Faculty member, University College of Omran and Toseeh (UCOT), Hamadan, Iran (2005-2010).
- ▶ Research Expert in Statistical Research and Training Center (2003 and 2004).
- ▶ Staff in PASARGAD Bank (2005-2006).

Software Skills:

- ▶ R, Python, SPSS, SAS, OpenBUGs, Matlab, SMART PLS, AMOS.

Invited Talks:

- ▶ Speaker, A hierarchical Bayesian non-response model for binary data, Statistical Research and Training Center of Iran. (2005)

M.S.c STUDENT SUPERVISION:

- ▶ Sharareh Parami (2018-Biostatistics)-Hamadan University of Medical Science
- ▶ Mahya Arayeshgari (2018-Biostatistics)- Hamadan University of Medical Science
- ▶ Mohammad Kazem Ghasemi (2019-Biostatistics)-Hamadan University of Medical Science
- ▶ Iman Sarbisheh (2019-Biostatistics)-Hamadan University of Medical Science
- ▶ Fatemeh Ghadamgahi (2020- Biostatistics)-Hamadan University of Medical Science
- ▶ Neda Ranjbar (2021-Biostatistics)-Hamadan University of Medical Science
- ▶ Zahra Aghababaei (2022-Biostatistics)-Hamadan University of Medical Science
- ▶ Alireza NikBakht (2023-Biostatistics)-Hamadan University of Medical Science

PhD student Supervision:

Zahra Mehrbakhsh (2019-Biostatistics)

Somaye Kazemi Majd (2020-Biostatistics)

Narges Ghorbani (2021-Biostatistics)

Malek Abazari (2021-Biostatistics)

Zahra Kouselou (2021-Biostatistics)

Rojan NiCkAein (2021-Biostatistics)

Sardar Jahani (2021-Biostatistics)

PhD student Advisor:

Niloofer Javanrooh (2017-Biostatistics)

Mohammad Mogaddasi (2017-Biostatistics)

Behnaz Alafchi (2018-Biostatistics)

Leyla Farahani (2022-Biostatistics)

Languages:

- ▶ English
- ▶ Persian
- ▶ Kurdish (Mother Tongue)
- ▶ Turkish

Interested research areas and subjects:

- ▶ Structural Equation Modeling
- ▶ High dimension
- ▶ Survival Analysis
- ▶ Machine Learning
- ▶ Image Analysis
- ▶ Bioinformatics and System Biology
- ▶ Statistical Modeling

Teaching Experience and courses:

- ▶ Statistical Inference for MSc and PhD students in Biostatistics (2015-date)
- ▶ High-dimension data analysis (genetic and medical image data) for PhD students in Biostatistics (2021)
- ▶ Functional data Analysis for MSc and PhD students in Biostatistics (2021)
- ▶ Multivariate data Analysis for MSC in Biostatistics (2018-date)

- ▶ Statistical methods for MSc students (2015-date).
- ▶ Bayesian Analysis for PhD Students in Biostatistics (2020-date).
- ▶ Lecturer of *Engineering Probability and Statistics* , *Biostatistics and Probability*, Calculus, University College of Omran and Toseeh (UCOT), Hamadan, Iran (2005-date).
- ▶ Lecturer of *Experimental Design, Regression, Nonparametric Statistics, Methods of Sampling, Mathematical Statistics, Biostatistics, Application of Statistics in Management, Statistics in the Social Sciences*. Bu-Ali Sina University and Payame Noor University, Hamadan (2006-2012).

Books:

- ▶ Mathematical Statistics for Mathematics and Computer Science (1) (Question Bank with full explanatory answers disciplines). Tapak, L. and RezaeiAyoub, N. (2009). Faragir Hegmataneh, Hamadan. [In Persian]
- ▶ Mathematical Statistics for Mathematics and Computer Science (2) (Question Bank with full explanatory answers disciplines). Tapak, L. and RezaeiAyoub, N. (2009) Faragir Hegmataneh, Hamadan. [In Persian]

Published Papers:

- TAPAK, L., GHASEMI, M. K., AFSHAR, S., MAHJUB, H., SOLTANIAN, A. & KHOTANLOU, H. 2023. Identification of gene profiles related to the development of oral cancer using a deep learning technique. *BMC Medical Genomics*, 16, 35.
- MORTEZAPOUR, M., TAPAK, L., BAHREINI, F., NAJAFI, R. & AFSHAR, S. 2023. Identification of key genes in colorectal cancer diagnosis by co-expression analysis weighted gene co-expression network analysis. *Computers in Biology and Medicine*, 106779.
- ALAFCHI, B., TAPAK, L., DOOSTI, H., CHESNEAU, C. & ROSHANAELI, G. 2023. A two-step algorithm to estimate variable importance for multi-state data: an application to COVID-19. *Computer Modeling in Engineering & Sciences*, 135, 2047-2064.
- ARAYESHGARI, M., NAJAFI-GHOBADI, S., TARHSAZ, H., PARAMI, S. & TAPAK, L. 2023. Machine Learning-based Classifiers for the Prediction of Low Birth Weight. *Healthcare Informatics Research*, 29, 54-63.
- HEIDARIMOGHADDAM, R., HOSSEINI, M. H., ILBEIGI, S., ANBARIAN, M. & TAPAK, L. 2023. Kinematic analysis of head and trunk in individual and team one-handed carrying. *International Journal of Industrial Ergonomics*, 94, 103422.

- KHOSRAVI, H., HAMIDI, M., NIKZAD, S. & TAPAK, L. 2023. Evaluating the Outcome of an Unnecessary Request for CT Scan in Be'sat Hospital of Hamadan. *Radiology Research and Practice*, 2023.
- MAGHSOUDI, Z., SADEGHI, A., OSHVANDI, K., EBADI, A. & TAPAK, L. 2023. Barriers to Treatment Adherence Among Older Adults With Type 2 Diabetes: A Qualitative Study. *Journal of Gerontological Nursing*, 49, 42-49.
- REZAPUR-SHAHKOLAI, F., VESALI-MONFARED, E., BARATI, M. & TAPAK, L. 2023. Prediction of helmet use behavior among motorcyclists based on Theory of Planned Behavior. *Journal of Research in Health Sciences*, 22.
- SADEGHI, S. S., AZAMI, H., BORZOU, S. R., BASHAR, F. R., TAPAK, L. & HADDADI, R. 2023. Evaluation of the effect of fish oil in the prevention of pressure ulcers in patients admitted to the intensive care unit. *Contemporary Clinical Trials Communications*, 101063.
- NAJAFI-VOSOUGH, R., FARADMAL, J., TAPAK, L., ALAFCHI, B., NAJAFI-GHOBADI, K. & MOHAMMADI, T. 2022. Prediction the survival of patients with breast cancer using random survival forests for competing risks. *Journal of Preventive Medicine and Hygiene*, 63, E298.
- PARVIN, A., SADEGHIYAN, E., TAPAK, L. & SHAMSAEI, F. 2022. Comparison of Death Anxiety and Happiness of Nurses Working in Corona Wards with Those of Nurses Working in Other Wards in Educational-Medical Centers of Shiraz, Iran, In 2020. *Avicenna Journal of Nursing and Midwifery Care*, 30, 270-279.
- RAMEZANI-DOROH, V., TAPAK, L., HAMIDI, Y., BASHIRIAN, S., SOLTANIAN, A. R., MOTAGHED, M., GHELICHKHANI, E. & TALEBI-GHANE, E. 2022. Which patients bring the most costs for hospital? A study on the cost determinants among COVID-19 patients in Iran. *Cost Effectiveness and Resource Allocation*, 20, 1-10.
- SADEGHI, A., BARKHORDAR, A., TAPAK, L. & AMINI, R. 2022. Impact of Family Caregiver Training on Care of Burn Patients. *Home Healthcare Now*, 40, 270-277.
- SARBISHEH, I., TAPAK, L., FALLAHI, A., FARDMAL, J., SADEGHIFAR, M., NAZEMZADEH, M. & MEHVARI HABIBABADI, J. 2022a. Cortical thickness analysis in temporal lobe epilepsy using fully Bayesian spectral method in magnetic resonance imaging. *BMC Medical Imaging*, 22, 1-13.
- SARBISHEH, I., TAPAK, L., FALLAHI, A., FARDMAL, J., SADEGHIFAR, M., NAZEMZADEH, M. R. & MEHVARI, H. J. 2022b. Cerebral Cortex Thickness in Patients with Temporal Lobe Epilepsy Using Magnetic Resonance Imaging.
- TAPAK, L., CHERAGHI, F., SADEGHI, A., SHIRMOHAMMADI, N. & FEIZYBARNAJI, A. 2022. Usefulness of the SF-36 Health Survey questionnaire in screening for health-related quality of life among parents of children with cancer: Latent profile analysis. *Journal of Preventive Medicine and Hygiene*, 63, E142.
- AMINI, R., NAJAFI, H., SAMARI, B., KHODAVEISI, M. & TAPAK, L. 2022a. Effect of home care program on therapeutic adherence of patients with type 2 diabetes. *Journal of Education and Community Health*, 7, 187-193.
- AKBARI, A., SHAMSAEI, F., SADEGHIAN, E., MAZDEH, M. & TAPAK, L. 2022. Effect of progressive muscle relaxation technique on self-esteem and self-efficacy in multiple sclerosis patients: A clinical trial study. *Journal of Education and Health Promotion*, 11.
- MORADI, S., TAPAK, L. & AFSHAR, S. 2022. Identification of Novel Noninvasive Diagnostics Biomarkers in the Parkinson's Diseases and Improving the Disease Classification Using

- Support Vector Machine. *BioMed Research International*, 2022.
- MONIRIAN, F., KHODAKARAMI, B., TAPAK, L., KIMIAEI ASADI, F. & AGHABABAEI, S. 2022. The Effect of Couples Coping Enhancement Counseling on Stress and Dyadic Coping on Infertile Couples: A Randomized Controlled Study. *International Journal of Fertility and Sterility*.
- MOEINI, B., REZAPUR-SHAHKOLAI, F., TAPAK, L., SEIFI, F. & VESALI-MONFARED, E. 2022. The Relationship between Spiritual Well-Being and Stress Coping Methods to Deal with Job Stress among Nurses in Educational Hospitals in Ardabil City 2021. *Iranian Journal of Health Sciences*, 10, 0-0.
- MAHMOUDI, R., SAIDIJAM, M., NIKZAD, S., TAPAK, L., ALVANDI, M. & AFSHAR, S. 2022. Human exposure to low dose ionizing radiation affects miR-21 and miR-625 expression levels. *Molecular Biology Reports*, 49, 1321-1327.
- HEYDARI, P., BABAMIRI, M., TAPAK, L., GOLMOHAMMADI, R. & KALATPOUR, O. 2022. Weighing and prioritization of individual factors affecting the performance of industries firefighters. *Fire Safety Journal*, 127, 103512.
- HASASN TEHRANI, T., MOHAMMADI, F. & TAPAK, L. 2022. Effect of Pre-endoscopy Preparation Program on Children's Anxiety and Parental Satisfaction: A Clinical Trial Study. *Evidence Based Care*, 11, 48-54.
- DANESHVAR, F., BARATI, M., TAPAK, L. & SHAHKOLAI, F. R. 2022. Factors associated with mothers' behaviors in injury prevention among premature neonatal in hospital: applying health belief model. *Journal of Education and Community Health*, 7, 127-134.
- AMINI, R., SOLEYMANI, F., MOHAMMADI, N. & TAPAK, L. 2022b. Relationship between communication skills and general health in nursing students of hamadan university of medical sciences. *Journal of Education and Community Health*, 5, 36-44.
- SOHEILIFAR, S., SOHEILIFAR, S., AFRASIABI, Z., SOHEILIFAR, S., TAPAK, L. & NAGHDI, N. 2022. Prediction accuracy of Dolphin software for soft-tissue profile in Class I patients undergoing fixed orthodontic treatment. *Journal of the World Federation of Orthodontists*, 11, 29-35.
- KHALILI, Z., KHATIBAN, M., ALI-MOHAMMADI, N., MOLAVI, M., VARDANJANI, L. T., TOHIDI, S. & MOGHADARIKOOSHA, M. 2021. Comparison of two Formative Evaluation Methods on Satisfaction and Learning of Clinical Skills in Nursing Students. *Journal of Nursing Education (JNE)*, 10.
- JENABI, E., FEREDOONI, B., KHAZAEI, S., HAMZEHEI, R. & TAPAK, L. 2021. The relationship between depression and menopause symptoms: The path model. *Current Women's Health Reviews*, 17, 92-98.
- HEIDARI MOGHADDAM, R., ANBARIAN, M., ILBEIGI, S., TAPAK, L. & HOSSEINI, M. H. 2021. Team manual handling: a systematic review for identifying research gaps. *International Journal of Occupational Safety and Ergonomics*, 1-12.
- GHARAEI, H., DEWEY, R. S., JAHANIAN, R., EBRAHIMOGHLI, R., TAPAK, L. & HAMIDI, Y. 2021. The Effect of Health Evolution Plan on Health System Responsiveness: An Experience of Health System Reform from Iran. *Hospital topics*, 99, 81-91.
- GHADERMAZI, M., SHAMSAEI, F., TAPAK, L. & SADEGHIAN, E. 2021. Investigation of ethical reasoning and related factors in nursing students of Hamadan University of Medical Sciences in 2020. *Journal of Nursing Education (JNE)*, 10.
- GHADAMGAHI, F., TAPAK, L., BASHIRIAN, S., AMIRI, R. & ROSHANAIEI, G. 2021. The effect of underlying diabetes disease on clinical outcome and survival in patients with Covid-19: a propensity score matching study. *Journal of Diabetes & Metabolic Disorders*, 20, 1675-1683.

- GERAVANDI, A. 2021. An in-depth Perspective Analysis for Developing a Social Marketing Model to Promote Female Adolescents' Participation in Regular Physical Activities: A Qualitative Study. *International Journal of Pediatrics*, 9, 15094-15108.
- FALLAHI, A., POOYAN, M., LOTFI, N., BANIASAD, F., TAPAK, L., MOHAMMADI-MOBARAKEH, N., HASHEMI-FESHARAKI, S. S., MEHVARI-HABIBABADI, J., AY, M. R. & NAZEM-ZADEH, M.-R. 2021. Dynamic functional connectivity in temporal lobe epilepsy: a graph theoretical and machine learning approach. *Neurological Sciences*, 42, 2379-2390.
- DEYHIM, S., GHORBANI-SHAHNA, F., JALEH, B. & TAPAK, L. 2021. Development of scrubber with nano-TiO₂ coated packing for H₂S removal. *Process Safety and Environmental Protection*, 149, 158-168.
- CROMWELL, E. A., OSBORNE, J. C., UNNASCH, T. R., BASÁÑEZ, M.-G., GASS, K. M., BARBRE, K. A., HILL, E., JOHNSON, K. B., DONKERS, K. M. & SHIRUDE, S. 2021. Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. *PLoS neglected tropical diseases*, 15, e0008824.
- COLLABORATORS, L. B. O. D. V. C. 2021. Mapping routine measles vaccination in low-and middle-income countries. *Nature*, 589, 415.
- CHERAGHI, F., BOZORGMEHR, M., TAPAK, L. & HASAN TEHRANI, T. 2021. Relationship between Computer Game Addiction and Body Mass Index and Sleep Habits of 10 to 12 Years Old Primary School Students in Hamadan. *Pajouhan Scientific Journal*, 19, 7-15.
- BOZORGMEHR, M. & TAPAK, L. 2021. Relationship between Computer Game Addiction and Body Mass Index and Sleep Habits of 10 to 12 Years Old Primary School Students in Hamadan.
- BORZOU, S. R., AZAMI, H., GHOLYAF, M., TAPAK, L. & NAZARI, T. 2021. The effect of preparing dialysis machine using normal saline-heparin on the dialysis adequacy of hemodialysis patients: A crossover, two-group, and randomized clinical trial. *Nephro-Urology Monthly*, 13, 1-7.
- BHATTACHARJEE, N. V., SCHAEFFER, L. E. & HAY, S. I. 2021. Mapping inequalities in exclusive breastfeeding in low-and middle-income countries, 2000–2018. *Nature human behaviour*, 5, 1027-1045.
- BABAMIRI, M., HEIDARIMOGHADAM, R., GHASEMI, F., TAPAK, L. & MORTEZAPOUR, A. 2021. Ergonomics 4.0: A bibliometric review of Human Factors research in Industrial Revolution 4.0 (IR 4.0). *Work*, 1-14.
- BABAK, M., MAJID, B., RASHID, H., LEILI, T. & SHAHRYAR, P. 2021. Physical Activity Health Literacy in Iranian Older Adults: Development and Psychometric Testing. *Journal of aging and physical activity*, 1, 1-9.
- ANBARIAN, M., ILBEIGI, S., TAPAK, L. & HOSSEINI, M. 2021. Team manual handling: a systematic review for identifying research gaps. *International Journal of Occupational Safety and Ergonomics*.
- AMINI, R., KALVANDI, N., KHODAVEISI, M. & TAPAK, L. 2021a. Investigation of the Effect of Education Based on the Theory of Planned Behavior on the Mothers' Preventive Practices Regarding Toddler Home Injuries. *Home Health Care Management & Practice*, 33, 250-257.
- AMINI, R., BIGLARI, F., KHODAVEISI, M. & TAPAK, L. 2021b. Effect of education based on the health belief model on earthquake preparedness in women. *International Journal of Disaster Risk Reduction*, 52, 101954.
- AMINI, P., MOGHIMBEIGI, A., ZAYERI, F., TAPAK, L., MAROUFIZADEH, S. & VERBEKE, G. 2021c. Longitudinal Joint Modelling of Ordinal and Overdispersed Count Outcomes: A Bridge

- Distribution for the Ordinal Random Intercept. *Computational and mathematical methods in medicine*, 2021.
- ALAFCHI, B., ROSHANA EI, G., TAPAK, L., ABBASI, M. & MAHJUB, H. 2021a. Joint modelling of colorectal cancer recurrence and death after resection using multi-state model with cured fraction. *Scientific reports*, 11, 1-10.
- ALAFCHI, B., MAHJUB, H., TAPAK, L., ROSHANA EI, G. & AMIRZARGAR, M. A. 2021b. Two-Stage Joint Model for Multivariate Longitudinal and Multistate Processes, with Application to Renal Transplantation Data. *Journal of Probability and Statistics*, 2021.
- ALBORZI, M., MASOUMI, S. Z., SOLTANI, F., KAZEMI, F. & TAPAK, L. 2021. Psychometric Properties of the Persian Version of the Exercise Self-Efficacy Scale in Pregnant Women. *Avicenna Journal of Nursing and Midwifery Care*, 29, 273-283.
- AHMADI, F., SIAHKOUHIAN, M., MIRDAR, S. & TAPAK, L. 2021. The Effect of a Detraining After Resistance Training on the Histochemical Expression of Potassium Channels and Mitochondrial Biogenesis of Heart Tissue in Male Rats. *The Horizon of Medical Sciences*, 27, 230-245.
- AFSHARI, A., BORZOU, S. R., SHAMSAEI, F., MOHAMMADI, E. & TAPAK, L. 2021a. Emergency Medical service Providers' Perception of Health-threatening Stressors in Emergency Missions: A qualitative Study. *Ethiopian journal of health sciences*, 31.
- AFSHARI, A., BORZOU, S. R., SHAMSAEI, F., MOHAMMADI, E. & TAPAK, L. 2021b. Perceived occupational stressors among emergency medical service providers: a qualitative study. *BMC Emergency Medicine*, 21, 1-8.
- TAHERI, M., SHAMSAEI, F., TAPAK, L. & SADEGHIAN, E. 2021a. Evaluation of Anxiety, Hope and related factors in Patients with Type 2 Diabetes. *Scientific Journal of Nursing, Midwifery and Paramedical Faculty*, 7, 60-71.
- TAHERIMO GHADDAM, M., BAHMANZADEH, M., MAGHSOOD, A. H., FALLAH, M., TAPAK, L. & FOROUGH I-PARVAR, F. 2021a. Toxoplasma gondii induced sperm DNA damage on the experimentally infected rats. *Journal of Parasitic Diseases*, 45, 351-358.
- TAHERIMO GHADDAM, M., BAHMANZADEH, M., TAPAK, L., MAGHSOOD, A. H., FALLAH, M. & FOROUGH I-PARVAR, F. 2021b. Effects of toxoplasma gondii on sperm parameters and histomorphometry of testis in experimentally infected rats. *Archives of Clinical Infectious Diseases*, 16.
- TAPAK, L., AFSHAR, S., AFRASIABI, M., GHASEMI, M. K. & ALIREZAEI, P. 2021a. Application of Genetic Algorithm-Based Support Vector Machine in Identification of Gene Expression Signatures for Psoriasis Classification: A Hybrid Model. *BioMed Research International*, 2021.
- TAPAK, L., KOSOROK, M. R., SADEGHIFAR, M., HAMIDI, O., AFSHAR, S. & DOOSTI, H. 2021b. Regularized Weighted Nonparametric Likelihood Approach for High-Dimension Sparse Subdistribution Hazards Model for Competing Risk Data. *Computational and mathematical methods in medicine*, 2021.
- MOEINI, B., REZAPUR-SHAHKOLAI, F., HEIDARIMO GHADAM, R., TAPAK, L. & GERAVANDI, A. 2021a. Developing an Interventional and Educational Program Based on Social Marketing Approach to Increase Regular Physical Activity in Girl Students: A Qualitative Study.
- ZAMANI, R., KARIMI-SHAHANJARINI, A., TAPAK, L. & MOEINI, B. 2021. Improving phenylalanine and micronutrients status of children with phenylketonuria: a pilot randomized study. *Orphanet Journal of Rare Diseases*, 16, 1-10.

- MALEKPOUR, F., MOEINI, B., TAPAK, L., SADEGHI-BAZARGANI, H. & REZAPUR-SHAHKOLAI, F. 2021. Prediction of Seat Belt Use Behavior among Adolescents Based on the Theory of Planned Behavior. *Journal of Research in Health Sciences*, 21.
- MANOOCHERI, Z., MANOOCHERI, S., SOLTANI, F., TAPAK, L. & SADEGHIFAR, M. 2021. Predicting preeclampsia and related risk factors using data mining approaches: A cross-sectional study. *International Journal of Reproductive BioMedicine*, 19, 959.
- MOEINI, B., REZAPUR-SHAHKOLAI, F., HEIDARIMOGHADAM, R., TAPAK, L. & GERAVANDI, A. 2021b. Effects Of Educational Intervention Based On Integrated Social Marketing Approach On Regular Physical Activity of Female Students: A Study Protocol For A Cluster Randomised Trial.
- MOEINI, B., REZAPUR-SHAHKOLAI, F. & TAPAK, L. 2021c. Seifi F*. *Veasli-monfared E. The Relationship between Spiritual Well-being and Stress Coping Methods to Deal with Job Stress among Nurses in Educational Hospitals in Ardabil City*, 10-20.
- PARAMI, S., TAPAK, L., POOROLAJAL, J., MOGHIMBEIGI, A. & GHALEIHA, A. 2021. Identifying factors associated with the hospital readmission rate among patients with major depressive disorder. *BMC psychiatry*, 21, 1-9.
- REZAPUR-SHAHKOLAI, F., GHEYSVANDI, E., KARIMI-SHAHANJARINI, A., TAPAK, L., HEIDARIMOGHADAM, R. & DIANAT, I. 2021. Identification of factors related to behaviors associated with musculoskeletal pain among elementary students. *BMC musculoskeletal disorders*, 22, 1-12.
- SABZEHEI, M. K., WAISI, S., SHOKOUHI, M. & TAPAK, L. 2021. Single-surface Intensive Phototherapy or Double-Surface Intensive Phototherapy in Neonatal Non-Hemolytic Hyperbilirubinemia: A Comparison of Effectiveness and Complications. *Medical Journal of The Islamic Republic of Iran (MJIRI)*, 35, 1355-1359.
- SALEMI, F., JAMALPOUR, M. R., ESKANDARLOO, A., TAPAK, L. & RAHIMI, N. 2021. Efficacy of metal artifact reduction algorithm of cone-beam computed tomography for detection of fenestration and dehiscence around dental implants. *Journal of Biomedical Physics & Engineering*, 11, 305.
- TAHERI, L., SHAMSAEI, F., TAPAK, L. & SADEGHIAN, E. 2021b. Treatment Adherence in Patients with Mental Illnesses: The Effect of Stigma and Spirituality. *Archives of Psychiatry and Psychotherapy*, 4, 32-45.
- TAPAK, L., SHEIKH, V., JENABI, E. & KHAZAEI, S. 2020a. Predictors of mortality among hemodialysis patients in Hamadan province using random survival forests. *Journal of preventive medicine and hygiene*, 61, E482.
- TAPAK, L., HAMIDI, O., AMINI, P. & VERBEKE, G. 2020b. Random effect exponentiated-exponential geometric model for clustered/longitudinal zero-inflated count data. *Journal of Applied Statistics*, 47, 2272-2288.
- SHOKRI, A., MOLLABASHI, V., ZAHEDI, F. & TAPAK, L. 2020. Position of the hyoid bone and its correlation with airway dimensions in different classes of skeletal malocclusion using cone-beam computed tomography. *Imaging Science in Dentistry*, 50, 105.
- SHARAREH, P., LEILI, T., ABBAS, M., JALAL, P. & ALI, G. 2020. Determining correlates of the average number of cigarette smoking among college students using count regression models. *Scientific reports*, 10, 1-10.
- AMINI, R., BARKHORDAR, A., SADEGI, A. & TAPAK, L. 2020a. THE EFFECT OF FAMILY-CENTERED EDUCATION ON THE KNOWLEDGE OF CAREGIVERS OF PATIENTS IN THE BURN WARD OF

BESAT HOSPITAL IN HAMADAN, 2019.

- ABBASI, A. M., MOTAMEDZADE, M., ALIABADI, M., GOLMOHAMMADI, R. & TAPAK, L. 2020. Combined effects of noise and air temperature on human neurophysiological responses in a simulated indoor environment. *Applied Ergonomics*, 88, 103189.
- FARZI, S., SHAMSAEI, F., TAPAK, L. & SADEGHIAN, E. 2020. Relationship Between the Stigma and the Family Performance of Psychiatric Patients. *Iranian Journal of Nursing Research*, 14, 1-8.
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