Amin Saberi

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EDUCATION

M.D., Mashhad University of Medical Sciences, Mashhad, Iran. 2011 fall – 2019 winter (GPA: 17.86 / 20, top 3% in class)

RESEARCH

Non-resident researcher in neuroimaging (Supervisor: Dr. Masoud Tahmasian), Institute of Medical Sciences and Technologies, Shahid Beheshti University, Tehran, Iran. 2019 fall - now

SKILLS

- Neuroimaging and clinical meta-analysis
- Structural MRI, resting-state, and task-based fMRI analysis with FSL, SPM, and FreeSurfer
- BIDS and BIDS apps (e.g. fmriprep) w/wo Docker
- Programming in Python (w/ pandas, NumPy, StatsModels, Seaborn, Nipype, Nilearn, PyQt5, Django)
- Basic machine learning with Tensorflow, Scikit-learn, and PyTorch
- Statistical analysis using SPSS and Python

PUBLICATIONS

- **Saberi A**, Gazanchian M, Sadeghi R, Eshraghi A*. Platelet-To-Lymphocyte Ratio as a Predictor of No-Reflow after Primary Percutaneous Coronary Intervention in Patients with ST Elevation Myocardial Infarction: A Systematic Review and Meta-Analysis. Journal of Cardio-Thoracic Medicine. 2019 Jun 1;7(2):433-41.
- **Saberi A**, Bijari M, Eshraghi A*, The prognostic value of platelet-to-lymphocyte ratio in patients with acute coronary syndrome: a systematic review and meta-analysis. Medical Journal of Mashhad University of Medical Sciences, 2019; 61(6): 1264-1278. [In Farsi]
- Ganji A, Esmaeilzadeh A, Ghanaei O, **Saberi A***, Taherzadeh D, Sazgarnia S, et al . Predictive value of red blood cell distribution width for mortality in patients with acute pancreatitis: A systematic review and meta-analysis. Med J Islam Repub Iran. 2017; 31 (1) :823-828
  Learned how to design and manage a systematic review and meta-analysis in practice, drafted my very first manuscript, as the corresponding author.

CONFERENCE ABSTRACTS

Oral Presentations

- **Saberi A**, Mohammadi E, Eickhoff CR, Zarei M, Eickhoff SB, Tahmasian M*. A coordinate based meta-analysis on the brain functional and structural changes in late life depression. *6ᵗʰ Iranian Human*

Brain Mapping Congress, Shahid Beheshti University, Tehran, Iran. Oct 2019 [Awarded Best Oral Presentation]

> *Learned how to do coordinate-based meta-analyses. Also learned a lot about the different methods of neuroimaging by reading dozens of studies on late-life depression. Awarded the best presentation in my first-ever oral presentation.*

Poster Presentations

- **Saberi A***, Ghodsi HR. Neutrophil to lymphocyte ratio as a prognostic marker in glioblastoma multiforme: a systematic review and meta-analysis. *The 1st International Neuroinflammation Congress*, Ghaem Hospital, Mashhad, Iran. April 2017

- **Saberi A***, Gazanchian M, Ghodsi HR, Mofatteh A, Nazarpour S. Cerebral blood volume as a prognostic marker in glioblastoma patients treated with bevacizumab: a systematic review. *1st International Razavi Cancer Congress*, Razavi Hospital, Mashhad, Iran. May 2016

- Acheshmeh Z., Alizade H., Ghodsi HR., **Saberi MA.**, Shahrokhi Y. The effect of stress on working memory in individuals with different personality traits. *1st Razavi International Anxiety Congress*, Razavi Hospital, Mashhad, Iran. Oct 2012

TEACHING EXPERIENCE

- *Teaching assistant in NeuromatchAcademy, a computational neuroscience crash course* (3 weeks), Online course on Zoom, July 2020

- *Meta-analysis of prognostic and diagnostic studies workshop* (1 day), Mashhad University of Medical Sciences, Mashhad, Iran. Sep 2017

HONORS AND AWARDS

- Ranked 157th in Iranian University Entrance Exam (99.96% percentile, among ~400,000 students of natural sciences), 2011
- Member of National Elites Foundation, 2015
- Ranked second at groups competition in the 10th National Medical Sciences Student Olympiad in Clinical Reasoning, 2018