

# Amin Saberi

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## EDUCATION

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

## RESEARCH

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Non-resident researcher in neuroimaging (Supervisor: Dr. Masoud Tahmasian), Institute of Medical Sciences and Technologies, Shahid Beheshti University, Tehran, Iran. 2018 fall - now

## SKILLS

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- Neuroimaging and clinical meta-analysis
- Structural and functional (resting-state or task-based) neuroimaging analysis with FSL, SPM, FreeSurfer, and BIDS apps (e.g. fmriprep)
- Python (statistical analysis, web/desktop app programming)
- Basic machine learning with Scikit-learn, Tensorflow, and PyTorch

## PUBLICATIONS

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- **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

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### 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. 6<sup>th</sup> Iranian Human Brain Mapping Congress, Shahid Beheshti University, Tehran, Iran. Oct 2019

*Learned how to do coordinate-based meta-analyses. Also learned a lot about the different methods of neuroimaging by reading a lot of studies on late-life depression. Awarded the best presentation in my very first 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 1<sup>st</sup> 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. *1<sup>st</sup> 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. *1<sup>st</sup> Razavi International Anxiety Congress*, Razavi Hospital, Mashhad, Iran. Oct 2012

## TEACHING EXPERIENCE

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- *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

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- Ranked 157<sup>th</sup> 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 10<sup>th</sup> National Medical Sciences Student Olympiad in Clinical Reasoning, 2018