

Michael Seo

CONTACT INFORMATION	My personal website: mikejseo.github.io	Email: swj8874@gmail.com
RESEARCH INTERESTS	Bayesian methods; (network) meta-analysis; machine learning	
EDUCATION	Ph.D. Biostatistics, University of Bern, 2019-2022 (Expected) M.S. Statistics, Stanford University (GPA: 3.7), 2012-2014 B.S. Statistics, Graduation with High Distinction, Duke University (GPA: 3.7), 2007-2011	
EMPLOYMENT	Ph.D. student in Biostatistics , Institute of Social and Preventive Medicine, University of Bern, Switzerland, 2019-Present Biostatistician , LLX Solutions, Boston, 2018-2019 Research Associate , Center for Evidence Synthesis in Health, Brown University, 2015-2018 Research Assistant , Department of Statistics, Stanford University, 2014-2015	
PUBLICATIONS	Seo M , Furukawa TA, Veroniki AA, Pillinger T, Tomlinson A, Salanti G, Cipriani A, Efthimiou O (2020). The Kilim plot: A tool for visualizing network meta-analysis results for multiple outcomes. <i>Research Synthesis Methods</i> , 1-10. Furukawa TA, Debray T, Akechi T, Yamada M, Kato T, Seo M , Efthimiou O (2020). Can personalized treatment prediction improve the outcomes, compared with the group average approach, in a randomized trial? Developing and validating a multivariable prediction model in a pragmatic megatrial of acute treatment for major depression. <i>Journal of Affective Disorders</i> , 274, 690-697. Khan MS, Khan AR, Khan AI, Seo M , Yasmin F, Usman MS, Moustafa A, Schmid CH, Kalra A, Ikram S (2020). Comparison of revascularization strategies in patients with acute coronary syndrome and multivessel coronary disease: A systematic review and network meta-analysis. <i>Catheter Cardiovasc Interv</i> , 1-8.	
R PACKAGES	Michael Seo and Christopher Schmid (2020). bnma: Bayesian Network Meta-Analysis using 'JAGS'. R package version 1.3.0. URL https://CRAN.R-project.org/package=bnma . R. Tibshirani, Michael J. Seo , G. Chu, Balasubramanian Narasimhan and Jun Li (2018). samr: SAM: Significance Analysis of Microarrays. R package version 3.0. https://CRAN.R-project.org/package=samr .	
CONTRIBUTED PRESENTATIONS	Predicting real world effectiveness of interventions, combining individual patient data from multiple randomized and non-randomized studies. 41st Annual Conference of the International Society for Clinical Biostatistics (ISCB), Krakow; August, 2020. Comparing methods for variable selection in individual patient data meta-analysis. XXXIst Conference of the Austro-Swiss Region (ROeS) of the International Biometric Society, Lausanne; September, 2019.	
TEACHING EXPERIENCE	Teaching Assistant , Evidence Synthesis Methods, University of Bern, 2019 Teaching Assistant , Applied Regression Analysis (PHP 2511), Brown, Spring 2016 Teaching Assistant , Fundamentals of Probability and Statistical Inference (PHP 2515), Brown, Fall 2015 Teaching Assistant , Probability and Statistics Inference (STAT 103), Duke, Spring 2011 Teaching Assistant , Statistics (STAT 114), Duke, Fall 2010 Teaching Assistant , Probability and Statistics for Engineers (STAT 113), Duke, Spring 2010 Teaching Assistant , Probability (STAT 104), Duke, Fall 2009	
PROGRAMMING	R (Extensive), Python, SAS	
LANGUAGES	Korean (Native), English (Fluent)	
CITIZENSHIP	U.S.A	