Preprints

Past and present students funded by me are indicated by *. Students funded by collaborators and others are indicated by **.

Stewart*, Jonathan R. and **Michael Schweinberger.** Pseudo-likelihood-based M-estimation of random graphs with dependent edges and parameter vectors of increasing dimension. Submitted.

Jin, Ick Hoon, Jeon, Minjeong, **Schweinberger, Michael**, and Lizhen Lin. Hierarchical network item response modeling for discovering differences between innovation and regular school systems in Korea. Submitted.

Sean Eli* and **Michael Schweinberger.** *Non-asymptotic model selection for models of network data with parameter vectors of increasing dimension.* Submitted.

Jeon, Minjeong, **Schweinberger, Michael**, Baugh**, Samuel, and Eric Ho**. *Student learning through learning progression maps, with application to online educational assessment data.* To be submitted.

With Johannes Lederer. *Scalable model selection with a single observation of dependent random variables: pseudolikelihood-based Dantzig selectors.*

With Johathan R. Stewart*. *Composite likelihood in dependent-data problems with parameter vectors of increasing dimension.*

Publications

Past and present students funded by me are indicated by *. Students funded by collaborators and others are indicated by **.

Schweinberger, Michael, Bomiriya**, Rashmi P., and Sergii Babkin* (2021+). A semiparametric Bayesian approach to epidemics, with application to the spread of the coronavirus MERS in South Korea in 2015. Accepted, *Journal of Nonparametric Statistics,* 1–35.

Park, Jaewoo, Jin, Ick Hoon, and **Michael Schweinberger** (2021+). Bayesian model selection for high-dimensional Ising models, with applications to educational data. Accepted, *Computational Statistics & Data Analysis,* 1–20.

Jeon, Minjeong, Jin, Ick Hoon, **Schweinberger, Michael,** and Samuel Baugh** (2021). Mapping unobserved item-respondent interactions: A latent space item response model with interaction map. *Psychometrika,* 86, 378–403. **The first three authors have made equal contributions.**

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- **Schweinberger, Michael** (2007). Statistical Methods for Studying the Evolution of Networks and Behavior. Ph.D. thesis, University of Groningen, NL.

Unpublished preprints

Schweinberger, Michael, Krivitsky, Pavel N., and Carter T. Butts (2017). A note on the role of projectivity in likelihood-based inference for random graph models. **The first two authors have made equal contributions.**

Vu**, Duy Q. and **Michael Schweinberger** (2014). Model-based clustering of large random graphs with high-dimensional predictors.

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