

# Andreas Bjerre-Nielsen

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| Education                | <p><b>University of Copenhagen</b><br/>Ph.D., Economics, 2016: Supervision by Peter Norman Sørensen. Topics included game theory, networks and data science.</p> <p><b>Stanford University</b><br/>Visiting Student Researcher, 2014.</p> <p><b>Barcelona Graduate School of Economics</b><br/>M.A., Economics, 2012.</p> |
| Employment               | <p><b>University of Copenhagen</b><br/>Head of Studies for MSc. Social Data Science, 2019-current<br/>Assistant Professor in Economics and Social Data Science, 2018-current<br/>Postdoctoral Researcher, 2016-2018</p>   |
| Teaching                 | <p><b>University of Copenhagen</b><br/>Seminar, ‘Big Data, Econometrics and Machine Learning’, 2019.<br/>Social Data Science: Econometrics and Machine Learning, 2018-current.<br/>Introduction to Social Data Science, 2017-current.<br/>Seminar, ‘Economics of the Social Web’, 2013.</p>                               |
| Supervision              | <p><b>University of Copenhagen</b><br/>20+ MSc Economics students, actively 3 PhD students.</p>   |
| Grants for research      | <p><b>Kraks Fond For Byforskning</b>, 2016: Weather and Mobility, 500,000 kr. Joint with Kelton R. Minor, Sune Lehmann and David D. Lassen.</p> <p><b>Economic Policy Research Network</b>, 2016: Peer and social effects among students, 250,000 kr. Joint with David Dreyer Lassen.</p>                                 |
| Refereeing               | <p>Science Advances, European Journal of Operations Research and Scandinavian Journal of Economics.</p>   |
| Disseminate and media    | <p>Various interviews with Danish media Danmarks Radio, Weekendavisen, Information. My research has also been featured by Politiken, Zetland etc.</p>   |
| Open source contribution | <p>Python: Scikit learn (machine learning); Geopandas (spatial procedures)</p>  |

## List of Publications

- [1] **Bjerre-Nielsen, A.** **2020.** “Assortative matching with network spillovers”. In: *Journal of Economic Theory* 187.
- [2] **Bjerre-Nielsen, A.**, Andersen, A., Minor, K. R., and Lassen, D. D. **2020.** “The negative effect of smartphone use on academic performance may be overestimated: evidence from a two-year panel study”. In: *Psychological Science* (forthcoming).
- [3] **Bjerre-Nielsen, A.**, Minor, K., Sapiezynski, P., Lehmann, S., and Lassen, D. D. **2020.** “Inferring transportation mode from smartphone sensors: Evaluating the potential of Wi-Fi and Bluetooth”. In: *PloS one* (forthcoming).
- [4] Kassarnig, V., **Bjerre-Nielsen, A.**, Mones, E., Lehmann, S., and Lassen, D. D. **2017.** “Class attendance, peer similarity, and academic performance in a large field study”. In: *PloS one* 12.11, pp. 1–15.
- [5] Kassarnig, V., Mones, E., **Bjerre-Nielsen, A.**, Sapiezynski, P., Lassen, D. D., and Lehmann, S. **2018.** “Academic performance and behavioral patterns”. In: *EPJ Data Science* 7.10 (1).

## Submitted working papers

- [1] **Bjerre-Nielsen, A.** and Gandil, M. H. **2020.** “Attendance Boundary Policies and the Limits to Combating School Segregation”.