

Highlights 2022: DNRF Chair in Econometrics

Details about the DNRF Chair research group and our activities can be found on our website:
<https://econ.au.dk/dnrf-chair-in-econometrics>

Organization of the DNRF Chair

The DNRF Chair in econometrics is more than just the chair holder. The organization is not a center, so we refer to it as the *DNRF Chair research group*. The group is located in the Department of Economics and Business Economics at Aarhus University and consists of:

DNRF Chair, Professor Morten Ørregaard Nielsen

Senior member, Associate professor Mikkel Sølvesten (funded by DNRF Chair grant)

Senior member, Associate professor Guðmundur Stefán Guðmundsson (funded by DNRF Chair grant)

Junior member, Postdoc Riccardo D'Adamo (starting summer 2023, funded by AUFF grant to Mikkel Sølvesten)

Research secretary, Solveig Nygaard Sørensen (co-funded from the department)

The group has successfully attracted further funding from the Aarhus University Research Foundation (AUFF) with Mikkel Sølvesten as principal investigator. This AUFF grant funds the Postdoc position for Riccardo D'Adamo.

Supporting Talent Development

An important part of the DNRF Chair research group is to train PhD students and support the development of promising young researchers. So far, this has been at an informal level within the department, but there is a plan to add up to two PhD students as junior members to the DNRF Chair research group. These positions will be funded by the department as co-financing. We have not yet been able to identify suitable candidates, but we hope to fill the positions in 2023.

Research Area

Econometrics is an interdisciplinary research area that combines economics, mathematics, and statistics to develop statistical analysis of data in economics and related disciplines. Data in these disciplines are typically not collected using controlled experiments, but instead are collected from observed economic behavior. Consequently, econometric methods of inference must accommodate features of the economic process that generated the data, e.g., complicated structures of dependence across observations or high-dimensional models for outcome variables. In the DNRF Chair research group, we work to develop and improve econometric methods that are applicable in such cases, with the overall goal of producing more credible inference.

Scientific Activities

In October 2022, we held our first Aarhus Workshop in Econometrics (AWE) conference with participants from many European institutions. The conference was extremely successful and prompted many new research initiatives and collaborations. Two more AWE conferences are already planned for 2023.

The DNRF Chair research group has started its own seminar series with mostly internal and/or junior researchers presenting their work for discussion and feedback. This has so far been a success with great attendance from the department in general.

Finally, we have hosted two longer (1-2 weeks) visits by Professor Emeritus Søren Johansen (University of Copenhagen) and Professor James MacKinnon (Queen's University, Canada) to work on new and existing research projects with group members.