

Open Science as a breeding ground for better research in agricultural economics?

AES Conference, online, 29. March 2021, 16.00 – 17.15

Following recent open science movements, this workshop provides a floor to discuss open science in response to adverse developments of misuses in data analysis (such as *HaRKing* and *p-hacking*) and the brink of a replicability crisis. Through various practices, open science aims at making research more accessible, reproducible, transparent and thus increasing integrity and knowledge transfer to people within and outside academia. These practices include replication studies and pre-registration, the publishing of raw data and codes, but also open access publishing. In this workshop we contemplate the benefits of open science practices to individual researchers and how the open science approach can advance agricultural economics as a field.

Each panellist approaches open science from a different angle, providing short pitches on i) the meaning of open science and reliable results, ii) concrete recommendations on how to avert a replicability crisis and iii) an editor's perspective. While many pioneering examples originate from behavioural and experimental economics, this workshop also aims to discuss the relevance of open science remedies to the whole field of agricultural economics.

Subsequent to the pitches, we will invite the panellists and the audience to join the conversation. We will address questions of resource demands of open science practices, preregistration options, and the organisation of replication projects, and the place of non-experimental methods.

Programme:

16.00 – 16.10	Opening by the organisers - Introduction - Menti - <i>House rules</i>	Jens Rommel
16.10 – 16.20	Reliable results and what open science has to do with it	Anna Dreber Almenberg
16.20 – 16.25	<i>Clarification questions, transition time</i>	<i>Moderated by</i> Annika Tensi
16.25 – 16.40	Replicability in agricultural economics and the way forward	Pallavi Shukla
16.40 – 16.45	<i>Clarification questions, transition time</i>	
16.45 – 16.55	The devil's advocate and an editor's perspective	David Harvey
16.55 – 17.10	Panel discussion - Comments and questions from the audience are welcome	<i>Moderated by</i> Laure Kuhfuss
17.10 – 17.15	Closing	

Panellists:

Professor Anna Dreber Almenberg, Professor of Economics at the Stockholm School of Economics mainly doing meta-science and behavioural and experimental economics; replication markets and predicting replicability

Dr Pallavi Shukla, Postdoctoral Research Fellow at the Department of Environmental Health and Engineering, a joint department of the Bloomberg School of Public Health and the Whiting School of Engineering at Johns Hopkins University; research in experimental and behavioural economics focuses on issues related to technology adoption, food security, health, and poverty and environment

Professor David Harvey, Emeritus Professor of Agricultural Economics, CRE, School of Agriculture, Food and Rural Development, The University, Newcastle upon Tyne; President of the Agricultural Economics Society (UK), Editor in Chief of the Journal of Agricultural Economics; research topics include among others agricultural policy analysis and the policy process; the European Common Agricultural Policy and international policy; rural and environmental policies; and R&D policy; involved with modelling the agricultural/environmental interface in UK agriculture

Organisers:

Annika Tensi, Wageningen University & Research, Business Economics

Dr Jens Rommel, Swedish University of Agricultural Sciences, Department of Economics

Dr Laure Kuhfuss, James Hutton Institute, Social, Economic and Geographical Sciences (SEGS) research group