

Special Issue

Complex Network Analysis in Econometrics

Message from the Guest Editors

This Special Issue will accept unpublished original papers and comprehensive reviews focused on, but not restricted to, the following research areas:

- Network perception and reconstruction based on econometrics methods and information entropy theory;
- Integration of complex networks, econometrics and information entropy theory;
- Causal inference based on econometrics methods and information entropy theory;
- Economic and financial risk transmission network modeling and analysis;
- Cascade and catastrophe in economic and financial networks;
- Robustness in economic and financial networks;
- Predictive econometrics network modeling;
- Time series econometric network modeling and dynamic analysis;
- Nonlinear dynamics in econometrics networks;
- High-dimensional econometrics network modeling;
- Heterogeneity econometrics network modeling.

Guest Editors

Prof. Dr. Xiangyun Gao

School of Economics and Management, China University of Geosciences, Beijing 100083, China

Dr. Feng An

School of Economics and Management, University of Science and Technology Beijing, Beijing 100083, China

Dr. Qingru Sun

School of Economics, Hebei University, Baoding 071002, China

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University at Albany, 1400 Washington Avenue,
Albany, NY 12222, USA

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