Call for Papers

Special issue of the journal *Computational Statistics* on
Computational Econometrics with `gretl`

Guest Editors: A. Talha Yalta, Allin Cottrell, and Paulo Canas Rodrigues

The landscape of statistical computing has undergone dramatic changes over the past 20 years, on account of the advent of massively large data sets and the contamination with methods and ideas originating from the machine learning community. In such a context, availability of quality software is of paramount importance; not only in terms of algorithmic efficiency, but also with a view to ensuring fully replicable, affordable computing via free and inspectable software.

The `gretl` project has been in development for over 20 years and is one of the leading free software packages available for econometrics and applied economics. The bi-annual Gretl Conference (`https://gretlconference.org`) is an inspiring opportunity to take stock of the current state of the `gretl` software project, including its embedded programming language `hansl`.

This special issue is intended to include some of the best papers presented at the 8th Gretl conference to be held in Gdańsk (Poland), June 15–16, 2023. Any Gretl-related topic will be considered, including (but not limited to) the following:

- new user-written function packages, including code for modeling and estimation, forecasting, graphical analysis, data management, or reporting
- use or evaluation of existing `gretl` commands
- methods for teaching statistics with `gretl` or teaching the use of `gretl`
- case studies of `gretl` use in novel areas or applications
- surveys or critiques of `gretl` facilities in specific fields
- comparisons of `gretl` with other software or use of `gretl` together with other software
- computational techniques of interest to users and developers of open source software

All papers will be refereed and subject to the same high-quality standards as regular submissions to the journal Computational Statistics.

Paper submission

Submitted articles must not have been previously published or currently submitted for journal publication elsewhere. As an author, you are responsible for understanding and adhering to the submission guidelines of Computational Statistics available in `https://www.springer.com/statistics/journal/180`).

Papers should be submitted online at `https://www.editorialmanager.com/cost/default.aspx`.

Please select "**S.I.: Computational Econometrics with gretl**" as article type in the editorial manager system to make sure that your article gets assigned to this special issue (rather than being handled as a regular submission).

Please forward the confirmation e-mail you receive from Springer to A. Talha Yalta (talhayalta@gmail.com) upon successful submission of your manuscript so we can keep track of the articles submitted for this SI.

Important dates

Submission Window:	July, 1 2023 – October, 31 2023
First notification to authors:	February 5, 2024
Deadline to submit the revised paper:	April 8, 2024
Review of first revision communicated:	June 3, 2024
Deadline to submit the second revision:	August 5, 2024
Review of second revision communicated:	October 7, 2024
Further reviews and final decision:	December 2, 2024
Publication of the Special Issue in print:	Q1 2025