

Banka Slovenije
in cooperation with
the Research Centre of the School of Economics and Business
invites you to a seminar

Forecasting-Equation Search Tool

Author and speaker:
Vasja Sivec
Economist at STATEC,
Luxembourg's national institute of statistics and economic studies

The seminar will be held in the
Great Hall of Banka Slovenije
on Thursday, 8 January 2026 at 11:00 CEST

Abstract:

The author will present a forecast equation search tool implemented in R, designed to produce simple forecasting equations that remain stable under data revisions, are econometrically sound, and allow for a narrative interpretation of forecasts. The tool generates a large set of models ranked by pseudo out-of-sample forecasting performance and other criteria. Users can then filter these models based on economic restrictions (e.g., sign restrictions or specific predictor variables) and model stability criteria. If an existing equation loses significance, the tool can restore stability by identifying alternative models with similar regressors. The procedure is pragmatic rather than innovative, as it does not introduce new scientific methods, but it integrates good forecasting practices and streamlines model selection in a user-friendly and systematic way.

About the speaker:

Vasja Sivec is an Economist at STATEC, Luxembourg's national institute of statistics and economic studies. Since joining in 2025, he has worked in the Forecasting and Analytics team on real-time, short-, and medium-term forecasting. He is also an external lecturer at the University of Luxembourg and represents Luxembourg at the European Commission's Potential Output Working Group. Previously, he led the Productivity Unit at STATEC Research and worked as a research analyst at the Central Bank of Slovenia. He holds a PhD from the European University Institute.

How to sign up:

To sign up for the seminar, please send an email to seminar@bsi.si. You can sign up by Wednesday, 7 January 2026. The seminar will be held in English.