



12-14 September 2022

Narodowy Bank Polski Webinar

Advanced econometrics: introduction to Bayesian econometrics

Programme

12 September, Monday (UTC +2)	
09:00-09:15	Welcome remarks <i>Ms. Bożena Śliwińska, Deputy Director, International Department, NBP</i>
9:15 – 11:15	Elements of Bayesian inference: estimation, prediction and model comparison <i>Mr. Mateusz Pipień, Financial Stability Department, NBP</i>
11:15 – 11:45	Coffee break
11:45 – 12:45	Application of Bayesian inference in simple statistical models and linear regression <i>Mr. Mateusz Pipień, Financial Stability Department, NBP</i>
12:45 – 13:30	Basic Markov Chain Monte Carlo (MCMC) methods <i>Mr. Mateusz Pipień, Financial Stability Department, NBP</i>
13 September, Tuesday (UTC +2)	
09:00-10:00	AutoRegression (AR) models <i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
10:00-10:30	MCMC in R <i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
10:30-11:00	Short break
12:00-12:45	Vector AutoRegressive models (VARs) with Minnesota prior <i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
12:45-13:15	VARs with Minnesota prior cont. <i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
14 September, Wednesday (UTC +2)	
09:00-10:00	VARs with Normal-Wishart prior <i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
10:00-10:30	VARs with Normal-Wishart prior in R



	<i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
10:30-11:00	Short break
11:00-12:00	Structural VARs with flat prior and Identification (example in R) <i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
11:00-12:00	Bayesian State-Space models (example in R) <i>Mr. Andrzej Kocięcki, Economic Analysis and Research Department, NBP</i>
13:00 – 13:15	Summary of day three and closing remarks ??

Contact person:

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