Seminario 486. Clustering and forecasting inflation expectations using the World Economic Survey: the case of the 2014 oil price shock on inflation targeting countries

Seminario 486. Clustering and forecasting inflation expectations using the World Economic Survey: the case of the 2014 oil price shock on inflation targeting countries

- Econometrista principal, Gerencia Técnica, Banco de la República

Co-autor: Daniel Zapata (Estudiante en práctica, Gerencia Técnica, Banco de la República)

Entrada libre. Indispensable inscribirse en el siguiente vínculo: Inscripciones

Hora: 12:00 m. (refrigerio) y 12:30 p. m. (inicio del seminario)

Tiempo de exposición: 12:30 p. m. a 2:00 p. m.

Lugar: Banco de la República, carrera 7 # 14-78, piso 13 (Sala de prensa), Bogotá D.C.

Idioma de la exposición: Español

Resumen del documento: This paper examines inflation expectations of the World Economic Survey for ten inflation targeting countries. First, by a Self-Organizing Maps methodology, we cluster the trajectory of agents in inflation expectations using the beginning of the oil price shock occurred in June of 2014 as a benchmark in order to discriminate between those countries that anticipated the shock smoothly and those with brisk changes in expectations. Then, the expectations are modeled by artificial neural networks forecasting models. Second, for each country we investigate the information content of the quantitative survey forecast by comparing it to the average annual inflation based on national consumer price indices. The results indicate the presence of heterogeneity among countries to anticipate inflation under the oil shock and, also different patterns of accuracy to predict average annual inflation were found depending on the observed inflation trend.

PDF icon Borradores de Economía # 993

Si desea inscribirse a la lista de correos del Seminario semanal de Economía de Bogotá para recibir en su cuenta la información sobre nuestra programación, debe remitir un correo electrónico a la dirección seminariossemanales@banrep.gov.co con el asunto "Inscripción a la lista de correos", cabe resaltar que por esta cuenta no se reciben inscripciones a los seminarios.

Fuente: https://www.banrep.gov.co/es/sse-bogota-486