TFM (Trabajo Fin de Máster) del TECI

Curso académico: 2014-2015

Título: Forecasting and Now casting: Modelling short term rates with Autometrics

Tipo (marca una casilla): Académico Profesional

Institución: Arfima Trading S.L. Persona: Juan Toro Ponente (si procede):

Observación: Al rellenar los siguientes puntos hay que considerar que la carga de trabajo no debe superar las 300 horas para el estudiante

Problema a tratar:

Forecasts are generally made before a period (say a month) starts, nowcasts during the relevant period, and flash estimates are produced immediately ends. We propose a nowcasting exercise addressing the issues of how nowcasts can best be achieved, and the use and timing of information. The existence of contemporaneous data such as surveys is a major difference from forecasting, but many of the recent lessons about forecasting remain relevant. Automatic model selection can play a valuable role, especially when location shifts would otherwise induce nowcast failure. We propose a nowcasting when location shifts occur, probably with measurement errors. We propose using the methodology developed in Autometrics as a nowcasting strategy, “building models of all disaggregate series by automatic methods, forecasting all variables before the end of each period, testing for shifts as available measures arrive, and adjusting forecasts of cognate missing series if substantive discrepancies are found” see Hendry.

Objetivos:

Implementing this exercise for short term time series of the US.