## ECON 511

Time Series Analysis Taner Yigit

## Homework

- 1) Answer the questions below using the dataset "md.wf1".
  - a) Test for quantity theory of money (constant prices) using the Engle Granger methodology.
  - b) Correct for the errors potentially not being white noise using the methodology of your choice.
  - c) Test for the Keynesian money demand function using Johansen's methodology.
  - d) Determine optimal lag length.
  - e) Derive the long run money demand equilibrium.
  - f) Comment on how fast each variable reaches its equilibrium once it deviates away from it.