

## Homework 3

### Time series analysis, 2015/2016

#### Submission:

- By e-mail to [beata.ulohy@gmail.com](mailto:beata.ulohy@gmail.com) with subject time series 2016 - HW3 - name.
- Submit: pdf file which includes all the explanation, graphs, results, etc., R-code used to produce these results
- Deadline: Tuesday 5th April 2016

Choose a different pair of countries from those studied in class. Download the GDP data for them and estimate the potential GDP using the HP filter. Display the output gap as a percentage of the potential GDP for both countries in one figure and compute the correlation between the values.