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## Macroeconomics, Winterterm 2012/2013

### Task Assignment Group 5

This assignment requires you to (i) hand in an Excel file to the teaching assistant where you provide all numerical results and graphs on separate spreadsheets *before* the presentation in class (dates noted on course schedule provided on the syllabus on the website [www.marcelbluhm.com](http://www.marcelbluhm.com)), and, (ii), to set up a presentation (preferably in .ppt format) for class. The Worldbank's international governance indicators (<http://info.worldbank.org/governance/wgi/index.asp>) as well as the Penn World Tables (<http://pwt.econ.upenn.edu/>) are valuable data sources.

1. Collect data on 'control of corruption' and 'real gdp per capita' for all countries you find that have complete time series for the period 1996 to 2010. For the control of corruption measure, please use for all following analyses the P-rank [Percentile rank among all countries (ranges from 0 (lowest) to 100 (highest) rank)].
2. Calculate for each country the average of the time series observed over the period under consideration and make a scatterplot of these means for all countries. What do you observe?
3. Sort all countrydata following the P-rank, with the highest countryscores on top and the lowest at the bottom. Make a scatterplot of all countries in the 50<sup>th</sup> to 100<sup>th</sup> percentile (excluding: small economies such as Luxemburg, the Bahamas etc. as well as major oil exporting countries such as Kuwait and Norway). What do you observe?
4. Prepare presentation slides for class (for a presentation of 10 minutes) in which you outline your assignment, the concepts you use as well as your interpretation results from exercises 1-5 above. Make sure to also give the data sources you use. In particular outline whether in your analysis you find some evidence of some threshold effect between the relation of corruption and real gdp per capita.