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The Wang Yanan Institute for Studies in Economics
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Task Assignment Group 9

This assignment requires you to (i) hand in an Excel file to the teaching assistant in which 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), and, (ii), to set up a presentation (preferably in .ppt format) for class. The Penn World Tables Database (<https://pwt.sas.upenn.edu/>) is a valuable source for the data needed in this exercise.

Investigate expenditure shares of GDP:

- 1) Download data for Consumption Share of PPP Converted GDP Per Capita at 2005 constant prices, Government Consumption Share of PPP Converted GDP Per Capita at 2005 constant prices, and Investment Share of PPP Converted GDP Per Capita at 2005 constant prices from 1950 (China: 1952) to 2010 for China and the U.S.
- 2) Summing up the trade shares for a given year and a given country, why do they generally not sum up to 100? What do the sums of the shares reveal about China and the U.S., respectively?
- 3) Plot the development of all the three expenditure shares for each country individually. Describe the development of the time series, point out differences between the countries.
- 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 1-3 above. Make sure to also give the data sources you use.