

Research No.3 “Analysis of Japanese Regional Structure”

Mission

Analyze Japanese regional structure by *regression analysis* and *factor analysis* using prefectural socio-economic data. Follow the steps below:

- 1) Visit the website of Statistics Bureau, Ministry of Internal Affairs and Communications.
- 2) Get any database on prefectural socio-economic index (e.g. population, GRP per capita).
- 3) Make your socio-economic database which covers various fields (demography, economy, industry, natural resources, etc.)
- 4) Make a model which can forecast one of socio-economic index by several other indexes. Any statistical software (e.g. SPSS, Excel-Toukei) can be used.
- 5) Explain the results carefully and interestingly.
- 6) Find hidden common factors among various socio-economic indexes. Any statistical software (e.g. SPSS, Excel-Toukei) can be used.
- 7) Explain the results carefully and interestingly.