Data Analysis and Dissemination

Labour Market Statistics: Harmonization and Analysis of Administrative Data Sources

22-24 October 2019
Putrajaya- Malaysia
Data Analysis and Dissemination

Data Analysis

- Outlier detection
  - Hidiroglu-Berthelot method
  - Regression models
  - Graphical techniques

- Imputation
  - A theoretical list of “active units” that does not exist
  - Over-coverage of non active units
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Data Analysis

- Imputation
  - Predict the activity status
  - Cut-off thresholds
  - Functional relations of the indices on $q$ and $q-4$
  - Deterministic rules
  - Withholding tax declarations (monthly or quarterly)
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Data Analysis

- **Imputation**
  - Analytic and graphical inspection of the time series at a sub-population detail
  - Comparison with figures drawn from other statistical sources (contractual wages, NA, LFS etc)
  - Variable relations
Data Analysis and Dissemination

Dissemination

- National press release
  - http://www.turkstat.gov.tr/PreHaberBultenleri.do?id=30577

- Dynamic database
  - https://biruni.tuik.gov.tr/medas/?kn=144&locale=en

- Static data tables
  - http://www.turkstat.gov.tr/PreTablo.do?alt_id=1008

- International dissemination within t+60 for LLI and LCI
- Sdmx, edamis
- Quality report for LCI
Data Analysis and Dissemination

Dissemination

- International dissemination to Eurostat within t+60 for LLI and LCI (Sdmx, Edamis)
- Quality report for LCI transmitted to Eurostat yearly
- Int’l dissemination to OECD (main eco) and IMF