Preparing occupational forecasts

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Supporting development of skills forecasting/anticipation in small countries, expert workshop, 22-23 November, Thessaloniki, Greece

Basic Recipe

- **You will need:**
- **Ingredient A**: Employment forecasts (by sector)
- e.g. Agriculture in 2020 will employ X 50k
- **Ingredient B**: Future occupational structure (by sector)
- e.g. 10% of agriculture will managers etc.
- **Cooking method**:
- A x B
- e.g. In 2020 there will be 50k x 10% = 5k. managers in agriculture

Where to find the ingredients

- Ingredient A (employment forecasts by sector)
- Easy ☺, *via* a macro-economic model

- Ingredient B (forecasts of occupational structure)
- Damn, we have to produce ourselves ☹

Preparation of occupational structure

- **Key considerations**: data availability and funding
- **Data availability:** When was the last revision of ISCO?
- **Long time ago:** great for modelling but how reliable is the classification?
- **Recently:** great for reliability but cannot do much!
- **Country size**: LFS vs Censuses
- **Have lots of funds? :** Conduct your own survey or/ask the experts!

What happens in the kitchen?

- **Method A:** assume fixed shares.

- Simple, handy if we do not have long time series but naïve as an approach.

- **Method B:** apply changing shares (time trend)

- More reliable & preferable if we have long time series.

- **Method C:** model occupational change

- Can be fun working on but good luck finding data!

Buon Appetito!

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