Panel
EMOS Learning Materials & Opportunities

Learning Resources & Coding Lab

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10th EMOS Workshop
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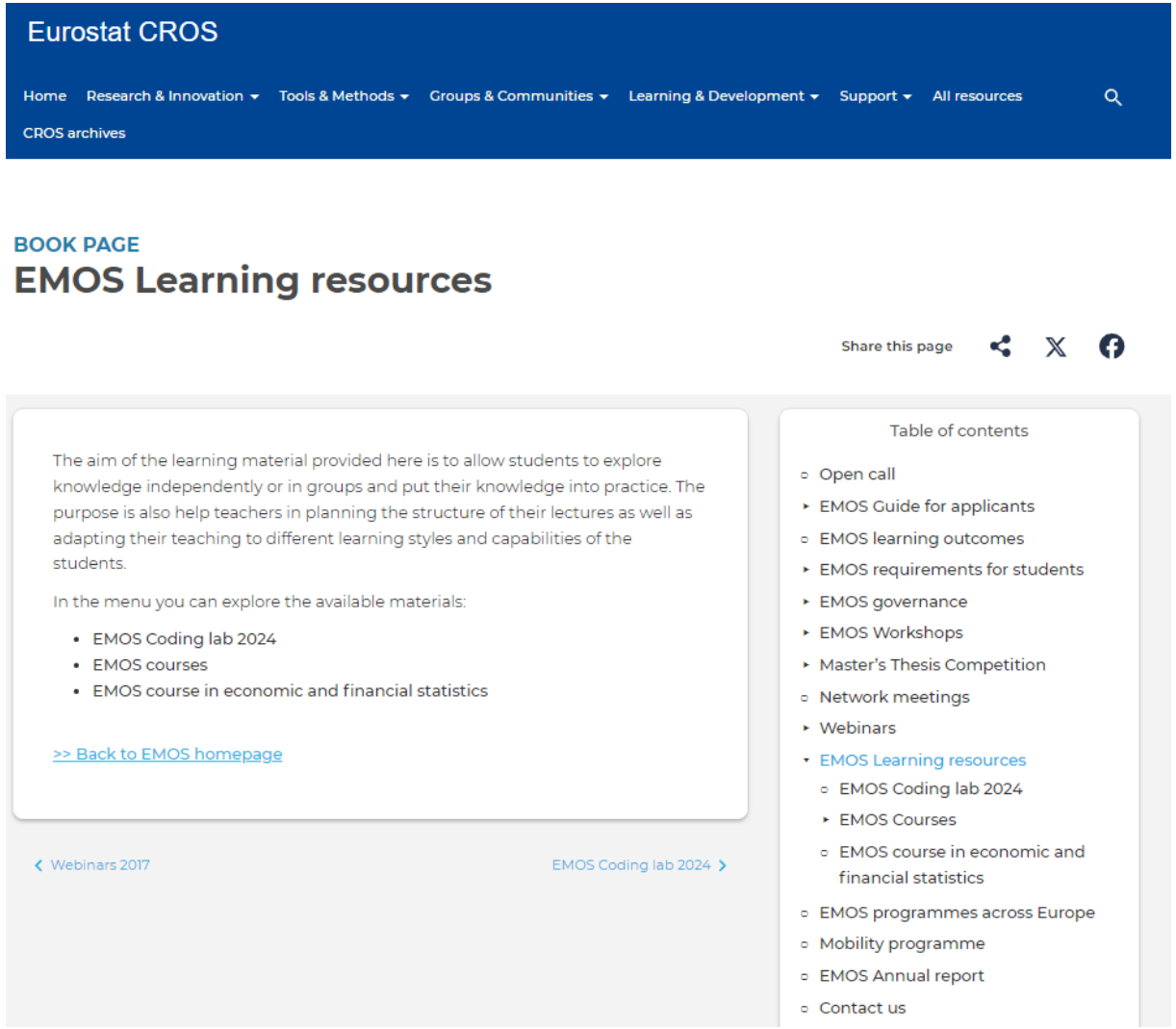
Wiesbaden, Germany

EMOS Learning resources



>> EMOS Learning resources

EMOS Courses

- System of official statistics
- Confidentiality issues
- Sampling and survey methodology
- Small area estimation
- Spatial statistics
- Statistical thinking and smart data
- Time series
- Data visualisation
- Experimental statistics
- New dissemination strategies
- New trends in dissemination
- Social media

Course Outline

The course aims to review the main Small Area Estimation Methods. The first part of the course will be devoted to reviewing the classical inference approach. Then, the main Small Area Predictors based on Small Area models will be introduced with some examples for estimating poverty indicators at the local level. Moreover, a practicum on how to apply basic small area estimation methods in R is proposed.

Files description

Slides + comments: folder containing the pdf presentation and the comments to the slides

Practicum: folder containing the application with R and the corresponding data

Quiz: multiple choice quiz to be used for evaluation

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EMOS Coding Lab 2024

- Statistics Explained through literate programming 2024

European Commission