Big Data research at IER

Big Data Network Forum Lunch, 1 June 2016   Nick Sofroniou

Real-time labour market information and skill needs

➢ Gathering real-time data, e.g., web-crawling job postings, Burning Glass vacancy data, live apprenticeship vacancy feed;

➢ Mapping natural language (across countries) to categories e.g. jobs text → occupations ISCO-08 via IER's CASCOT software;

Complex administrative data

➢ Linking to LMI for All open-data, visualisation, live-updates;

Web-based survey information

➢ Complement CAPI and CATI with web-based interviews;

Modelling and inference issues

➢ Adjusting for sample composition, bias reduction

➢ Prediction & uncertainty

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