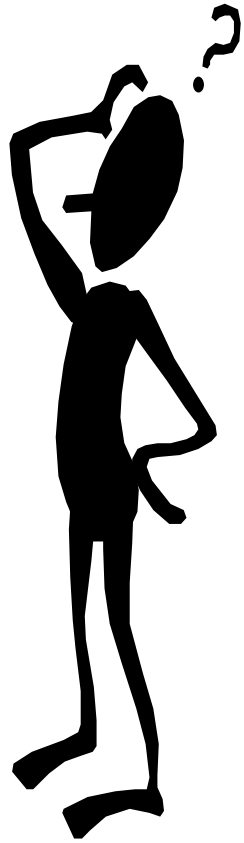# ARCOM Doctoral Workshop: Beyond Surveys and Interviews

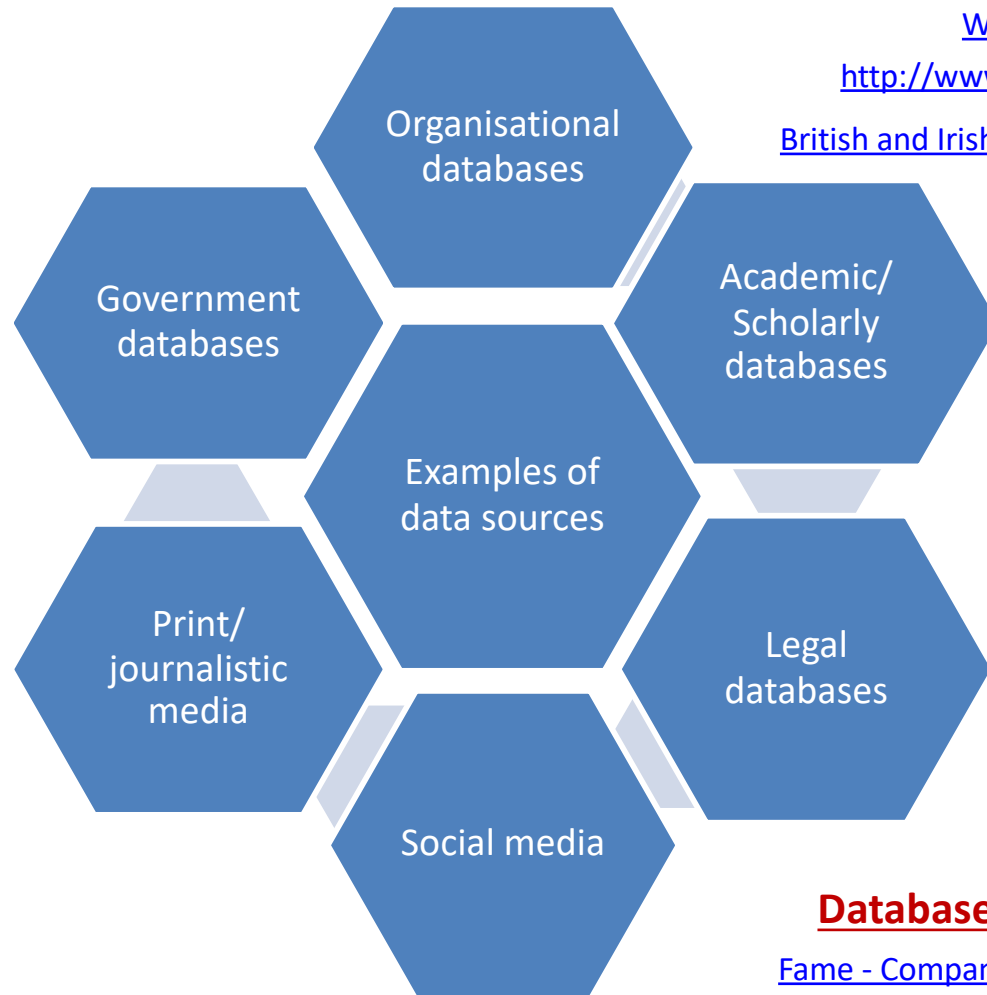## Provocation 5: Where and how can secondary data be exploited

Emmanuel Manu

Nottingham Trent University

Secondary research

Use of any pre-existing data that came into existence for a different purpose other than it's use in a present research

Sources of Secondary Data

Organisational databases

Government databases

Academic/ Scholarly databases

Examples of data sources

Print/ journalistic media

Legal databases

Social media

Legal databases
LexisNexis
Westlaw
http://www.legislation.gov.uk/
British and Irish Legal Information Institute

Academic databases
Scopus
JSTOR
CORE
ProQuest
Web of Science
Google Scholar
EBSCO Information Services
UK Data Achieve

Government databases
UK Data Service
data.gov.uk
Office for National Statistics

Databases of international agencies
Digital Elevation Model over Europe (EU-DEM)
The GRDC - Global Runoff Database - BfG
GEMStat – The global water quality database
Eurostat

Databases of organisations
Fame - Company data for the UK & Ireland
DEM - Global elevation data - OpenMapTiles
Database - Ecoinvent
Google Dataset Search

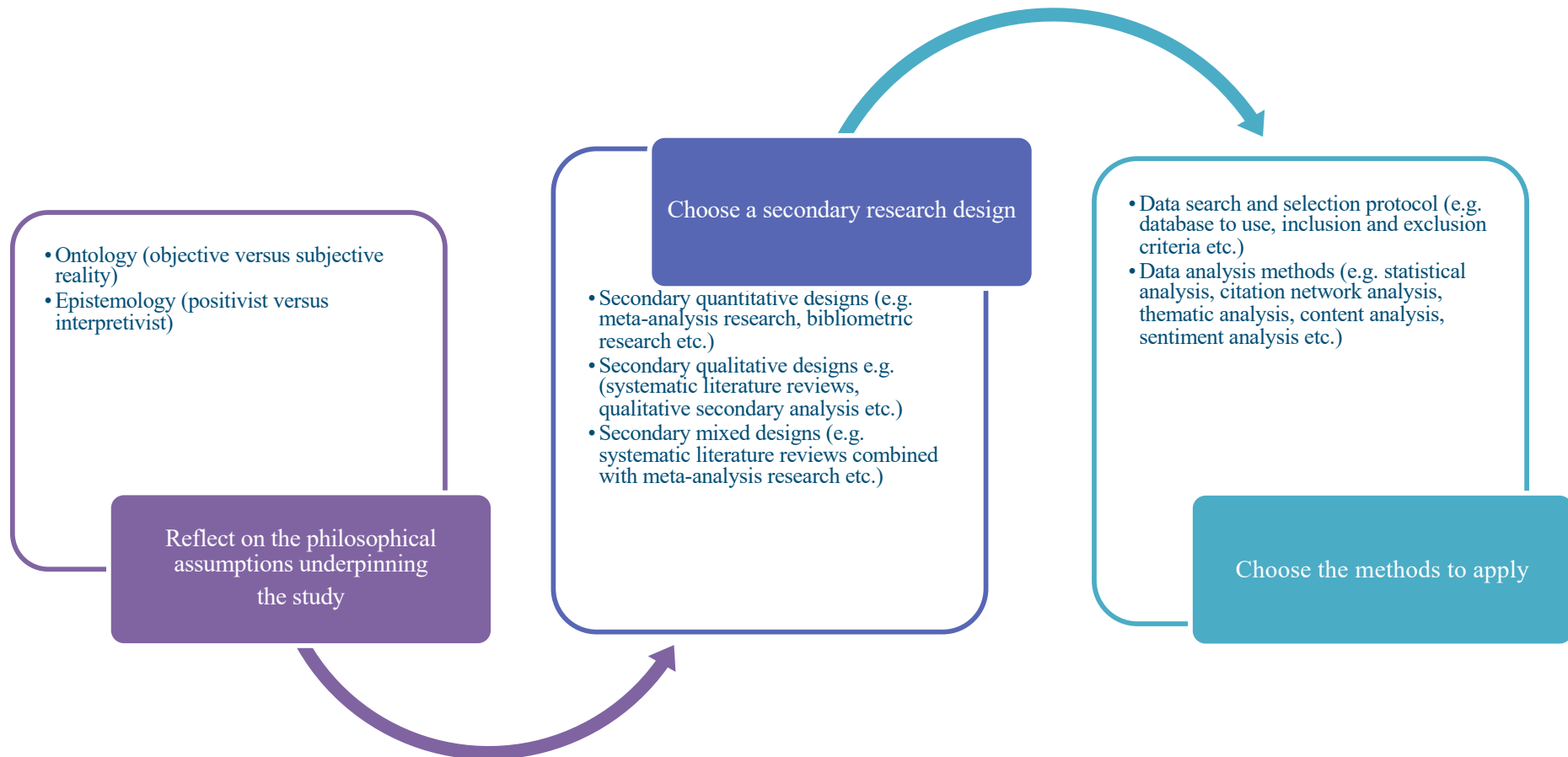| Published scholarly articles | Systematic literature reviews (SLRs) |
	Scoping reviews
	State-of-the-art reviews
	Bibliometric and scientometric reviews
	Meta-analysis research
	Literature based discovery

| Raw archived data from previous research | Qualitative secondary analysis (QSA) |
| | Secondary quantitative analysis |

Other pre-existing datasets	Webometric analysis
	Social network analysis
	Doctrinal legal research
	Etc.

Designing Secondary Research

- Ontology (objective versus subjective reality)
- Epistemology (positivist versus interpretivist)

Reflect on the philosophical assumptions underpinning the study

Choose a secondary research design

- Secondary quantitative designs (e.g. meta-analysis research, bibliometric research etc.)
- Secondary qualitative designs e.g. (systematic literature reviews, qualitative secondary analysis etc.)
- Secondary mixed designs (e.g. systematic literature reviews combined with meta-analysis research etc.)

- Data search and selection protocol (e.g. database to use, inclusion and exclusion criteria etc.)
- Data analysis methods (e.g. statistical analysis, citation network analysis, thematic analysis, content analysis, sentiment analysis etc.)

Choose the methods to apply

"It will be foolish not to at least explore the possibilities [of using secondary data], whether as part of a research project or as the whole project before committing to further data collection" – **(Tight, 2019, pp. 14)**

Tight, M. (2019). Documentary research in the social sciences. 1st edition. Thousand Oaks, California: Sage Publications.

SECONDARY RESEARCH METHODS IN THE BUILT ENVIRONMENT

Edited by Emmanuel Manu and Julius Akotia