

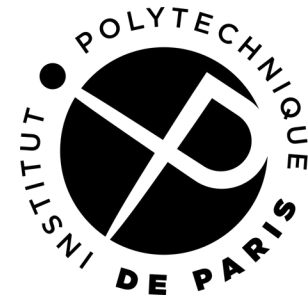
Towards Better Identification of Fact Tables in Statistical Spreadsheets

Paul Kronlund-Drouault

Supervisor: Ioana Manolescu



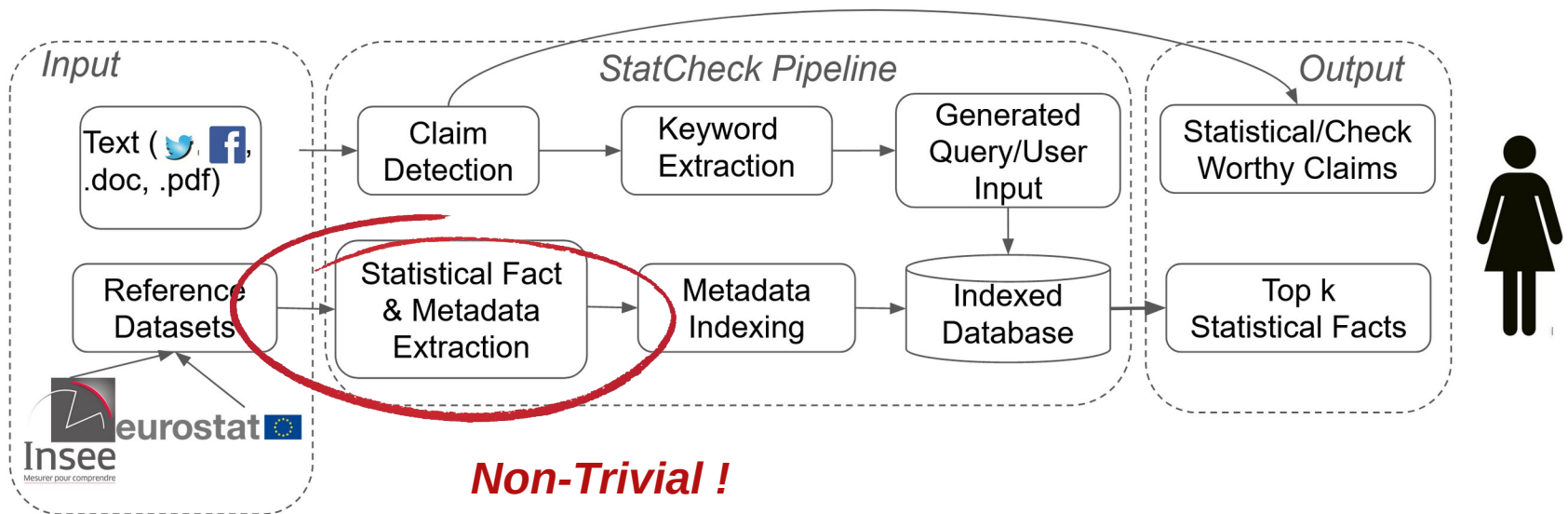
ENS DE LYON



Inria

Abstract & Motivation

- 1) Fact-checking is more relevant than ever
- 2) Computers can help us to fact-check efficiently with systems like *StatCheck*
- 3) To fact-check we need facts



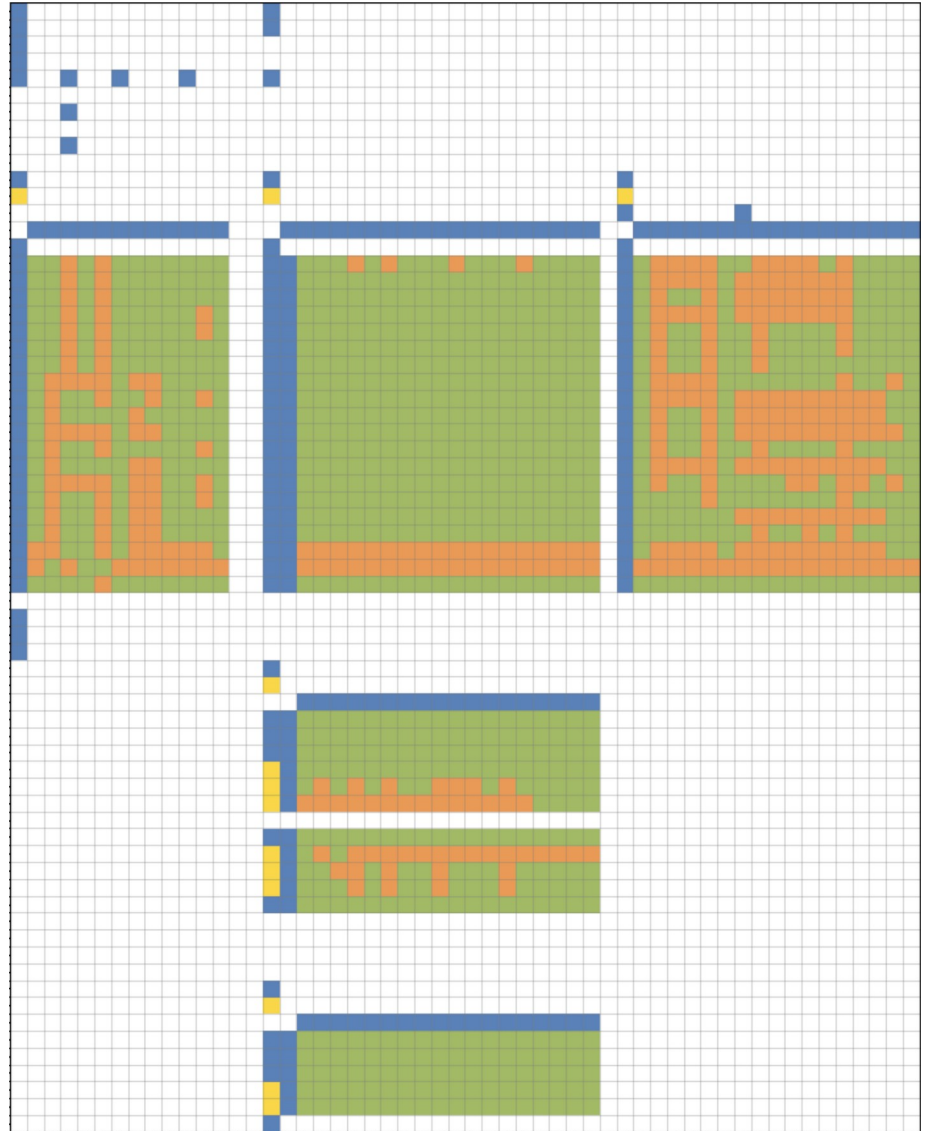
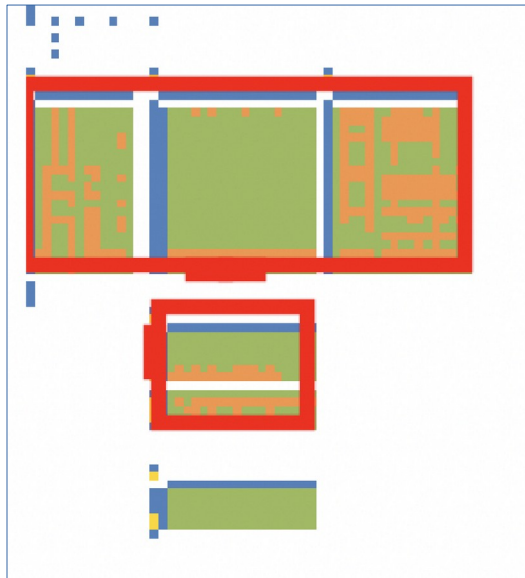
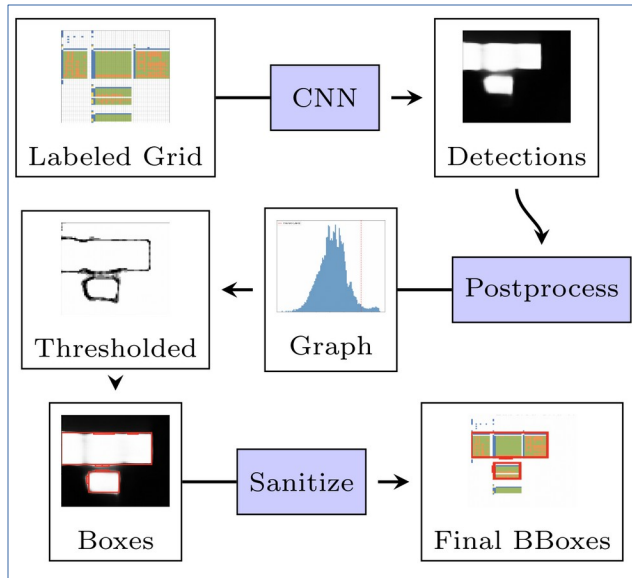
Abstract & Motivation

1. Fact-checking is more relevant than ever
2. Computers can help us to fact-check efficiently with systems like *StatCheck*
3. To fact-check we need facts
4. Trusted institutions like *INSEE* or *Eurostat* produce usable facts
5. For *StatCheck* we need to extract those facts into a structured position-aware data format
6. The Sheets where the facts are stored are made for humans and thus can be very messy

INSEE statistical spreadsheets have very heterogeneous layouts, making it hard for heuristic-based methods to parse

<

Grid-based table detection



Structure Classification

