MEDICATION SIDE EFFECTS IDENTIFICATION FROM CLINICAL RECORDS AND HEALTH SOCIAL MEDIA

OBJECTIVES
- How to automatically identify medication side effects?
- How to map lay language to health professional language?

CORPORA
- Clinical records (English)
  - well written, by medical staff
  - structured documents
- Health forums (French)
  - written by lay people, with typo errors
  - no structure

EXAMPLES
- Clinical records:
  - Sections of content: Medications, Indication, Posology
- Health forums:
  - Sections of content: Side effects

ANNOTATIONS
- Categories of annotation:
  - Clinical records: Medications, Indication
  - Health forums: Side effects

RESULTS
- Clinical records (side effect): Precision, Recall, F-measure
- Health forums: Precision, Recall, F-measure

REFERENCES
  In Proc of 2014 i2b2/UTHealth NLP Challenge.

Contact:
- Cyril Grouin, grouin@limsi.fr
- Pierre Zweigenbaum, pz@limsi.fr

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