

Definitions of Labels in Taxonomy4CL

- **[Multilingual NLP](#)**: Generally, this label is for papers that deal with contributions concerning several languages and do not focus only on English.
- **[Bilingual Lexicon Induction \(BLI\)](#)**: the task of inducing word translations from monolingual corpora in two languages.
- **[Low-resource Languages](#)**: we regard any language other than English as a low-resource one.
- Cross-lingual Application: using data and models available for one language for which ample such resources are available (e.g., English) to solve tasks in another, commonly more low-resource, language.
- **[Classification Applications](#)**
 - Multilabel Text Classification: classification applications that deal with several (more than two) classes.
 - Disfluency Detection: the task of identifying [speech disfluencies](#) in text transcripts. An example of such an application [is given here](#).
 - Misinformation Detection: detecting false or misleading information in general.
 - [Rumor Detection](#): Note that, as opposed to 'Misinformation Detection', a rumor does not necessarily have to be false information.
 - Claim Verification: "the task of helping system users assess the integrity of a scientific claim relative to a corpus of research literature". [Example paper](#).
 - Emotion Detection: detecting emotions (happiness, fear, anger, etc.) from text or speech modalities.
 - [Stance Detection](#): "the extraction of a subject's reaction to a claim made by a primary actor"; usually connected to Fake News Detection, but not necessarily.
- Domain-specific NLP: a paper that generally contributes to a specific domain.
 - Medical and Clinical NLP: general medical or clinical uses of NLP (e.g., a paper regarding COVID-19). This also includes papers which develop any type of technology to assist people with disabilities.
 - NLP for Mental Health: a paper that uses NLP for mental health applications
- **[Evaluation Techniques](#)**: E.g., [this paper](#), but [not this paper](#).
- Ethics: papers that deal with any kind of ethical considerations in NLP/CL, such as privacy concerns, etc.
- Biases in NLP: General biases in any part of NLP. E.g., [this paper](#).

- Gender Bias: a paper that specifically addresses gender bias (detection, mitigation, etc.)
- Bias Detection: Any type of bias detection in NLP.
- Data Management and Generation: This higher level label includes 2 topics, i.e., data management which usually involves data collection, storage, security, etc., and data generation which simply implies proposing/developing a novel dataset.
 - Data Analysis: Any paper that deals with some kind of analysis of datasets. This can include comparing different datasets, analyzing a specific aspect of one dataset (e.g., its proportion of different POS tags), etc. Example paper: <https://aclanthology.org/2019.gwc-1.39.pdf>.
 - Data Preparation: This label implies data generation. Any paper in which a novel dataset is proposed should have this label. This includes the extension of an already existing dataset or resource.
 - Annotation Processes: Papers proposing a novel annotation schema, approach, etc., should be assigned this label.