Automatic Detection of Light Verb Constructions in Different Languages with Syntax-based Methods

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- **Automatic detection of LVCs**
- **4FX corpus: EN, DE, ES, HU**
- **Syntax-based candidate extraction + classification (decision trees)**
- **Standardized feature representation**
- **Experiments:**
  - **Dictionary lookup method (baseline)**
  - **Indomain experiments**
  - **Cross-language setting:**
    - **one language as training set**
    - **the other language as test set**
  - **Language adaptation setting:**
    - **source language + small data from target language as training set**
    - **the remaining data from target language as test set**
- **The results of cross-language experiments mostly overperform those of the target language dictionary lookup method**
- **Language adaptation can achieve similar or better results than indomain experiments**