# The Back-off to Lemmas

- The key distinction from self-training used for domain adaptation (Bertoldi and Federico, 2009; Ueffing et al., 2007).

- We use simply "alternative decoding paths" in Moses:

| Czech | English | |
|---|---|---|
| form ⟶ form | | +LM |

or

| Czech | English | |
|---|---|---|
| lemma ⟶ form | | +LM |

- Other languages (e.g. Turkish, German) need different back-off techniques:
  - Split German compounds.
  - Separate and allow to ignore Turkish morphology.