

## **Sense vectors with contextualized emb.**

example sentences  
in CWN senses

i. compute sense emb. from  
contextualized embeddings

contextualized emb.  
from each examples

ii. compute and verified  
sense vectors

sense vectors  
for each sense

## **CWN & Chinese word morphology**

two-character  
words in CWN

1. select NN/VV words  
with automatic heuristics

NN/VV  
words

2a. apply morphology heuristics  
2b. manual check by annotators

lemma pairs of  
hypernymy relations

3. generate sense pairs with sense emb.

sense relations  
from sense emb.

4. evaluate by annotators

Evaluations

