



Adversarial Training for Unsupervised Bilingual Lexicon Induction

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Chinese
text



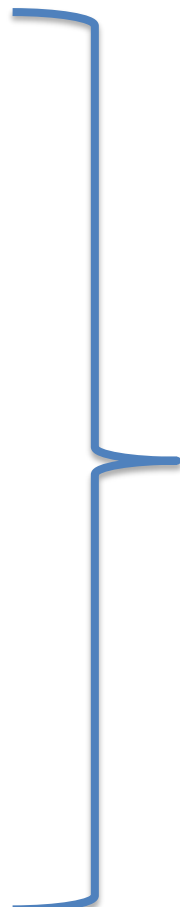
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时间	time

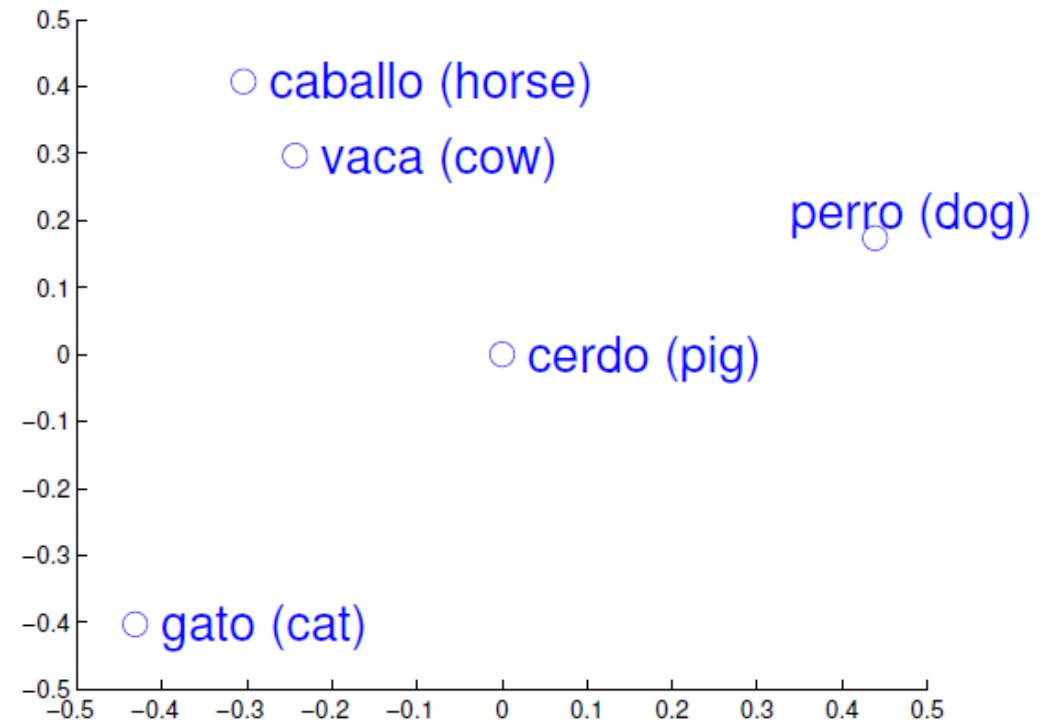
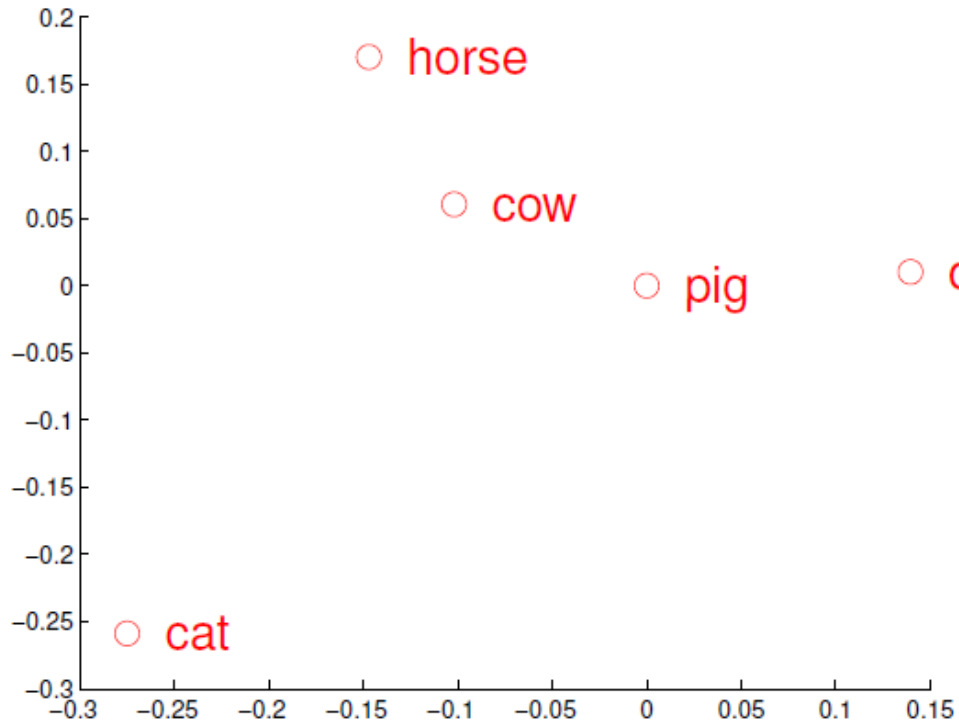
English
text



文化	culture
历史	history
音乐	music
学校	school
...	...

bilingual lexicon

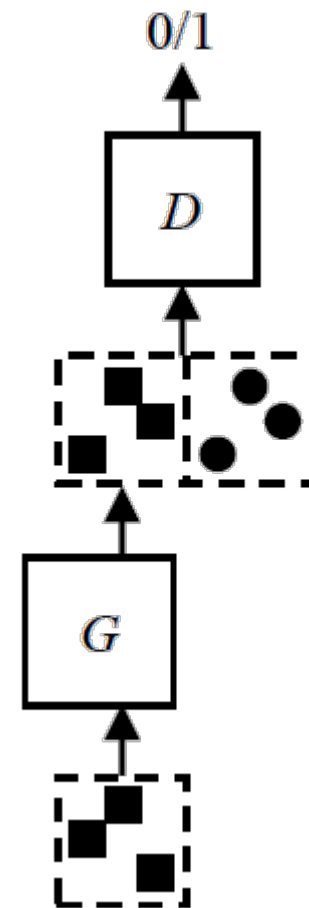




- Reliant on the seed lexicon
- Possible to remove the reliance? → Unsupervised

(Mikolov et al., 2013)

- Unidirectional transformation
- Extended models
 - Orthogonal constraint on G
 - Bidirectional transformation
 - Adversarial autoencoders
- Training techniques



THANK YOU

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