2015 Fall Summary

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Ongoing work: Effective Distant Supervision for Fine-grained Entity Typing

• Previous work: ignore type ambiguity issue when generating training data from KB.
• Our method: a new framework of distantly-supervised fine-grained typing: clean the labels before training.
• Preliminary study: shows performance gain of label cleaning when only unstructured features (POS tag, context, etc.) are used.
• Next step: incorporate structured signals (label dependency and surrounding linked entities)

• work with Xiang
Survey on...

• Embedding methods for entity typing
• Partial label learning
Thanks!