2016 Spring Summary

Wenqi He
Label Noise Reduction in Entity Typing by Heterogeneous Partial-Label

- PLE: a general framework to jointly embed entity mentions, text features and entity types into the same low-dimensional space
- joint work with Xiang
- submitted to KDD’16
AFET: Automatic Fine-Grained Entity Typing by Hierarchical Partial-Label Embedding

- AFET: a novel embedding method to handle candidate type noise and incorporate semantic similarity between types
- joint work with Xiang
- aim for EMNLP’16

\[
\Phi_M(m_i) = U m_i; \quad \Phi_Y(y_k) = V y_k.
\]
Ongoing Projects

• Event Schema Induction
  • joint work with Quan and Xiang

• User Profiling from Massive Geo-tagged Tweets
  • joint work with Po-Wei and Chao
Thanks!