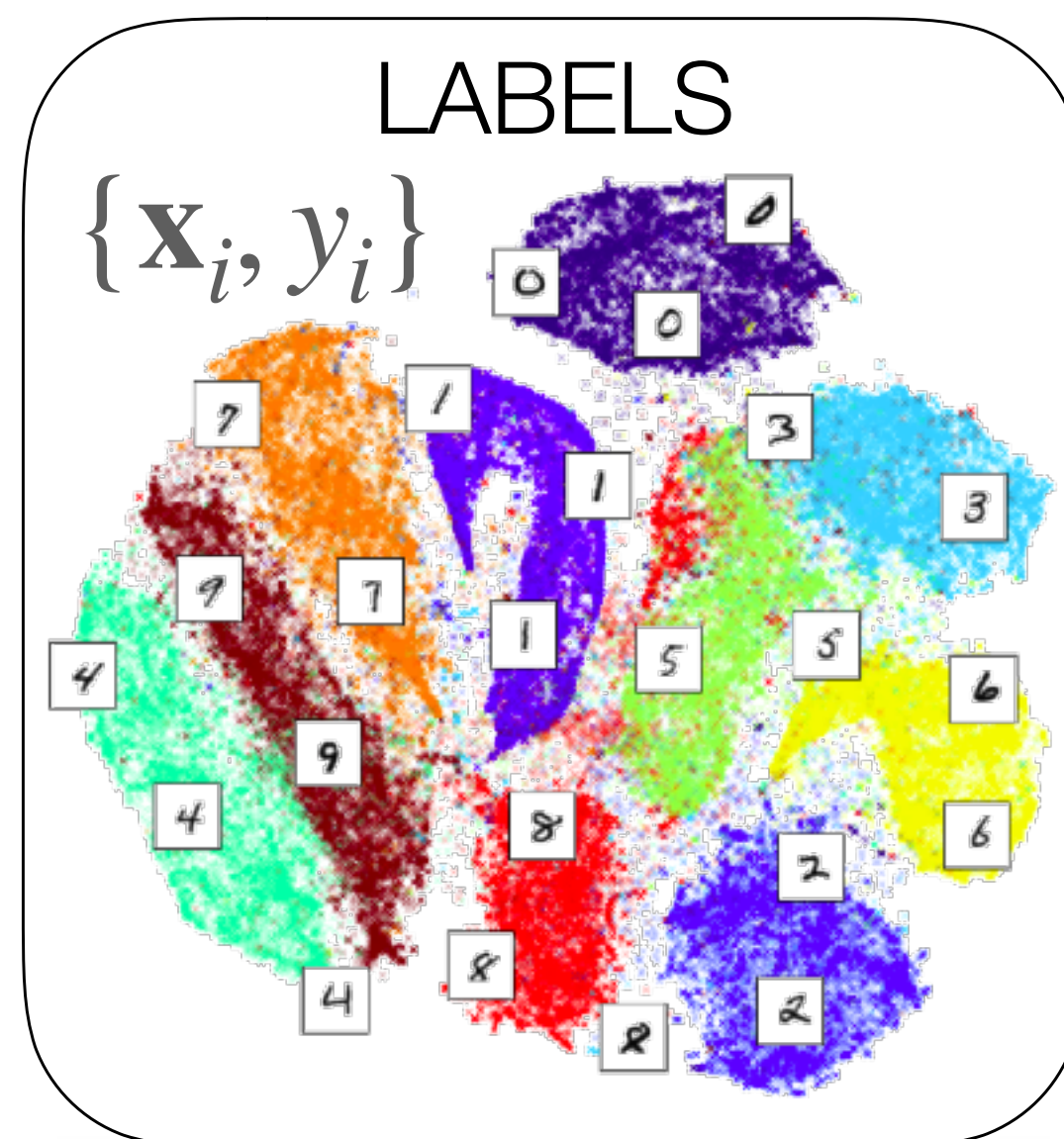
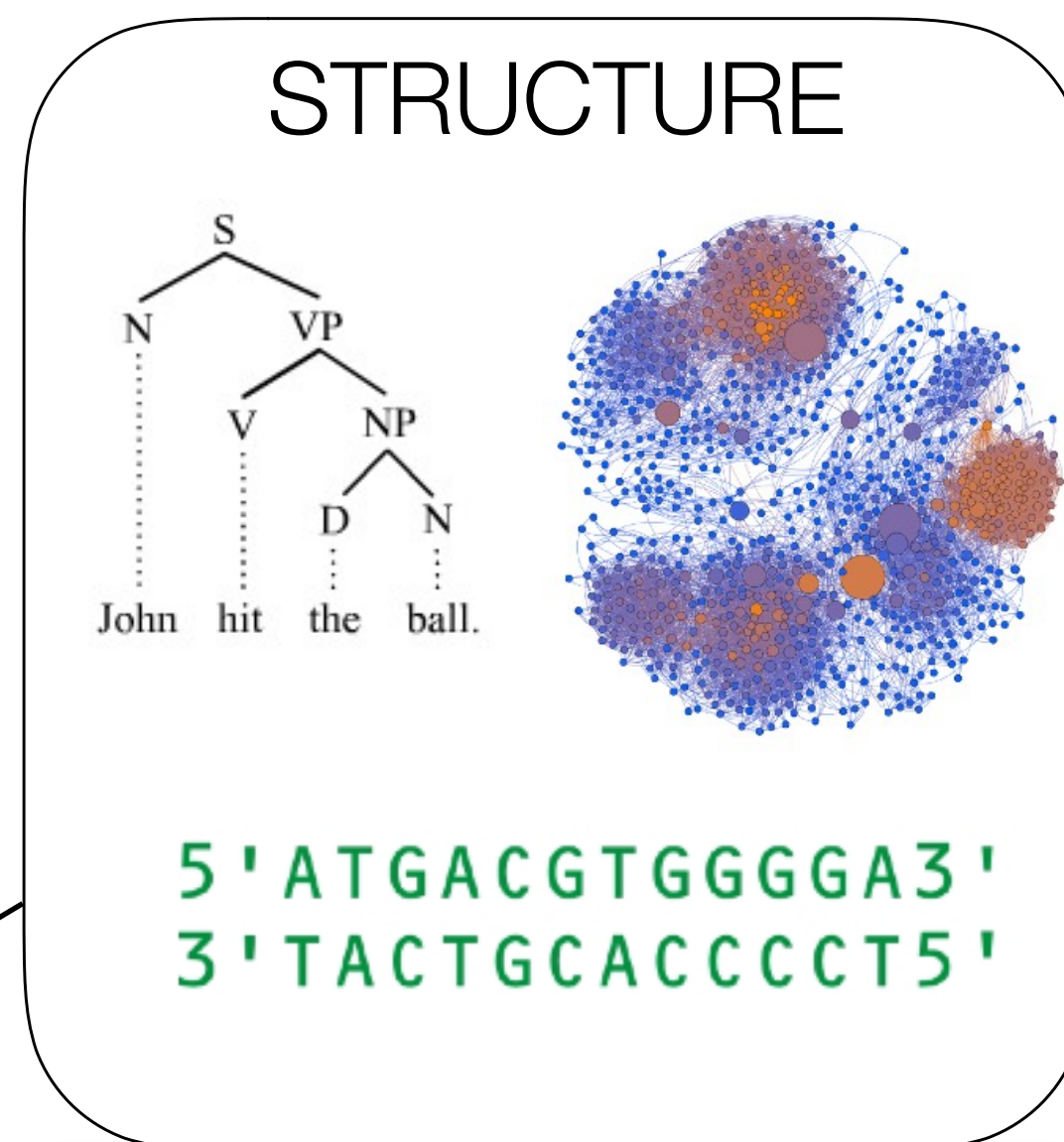


This Thesis: an Overview



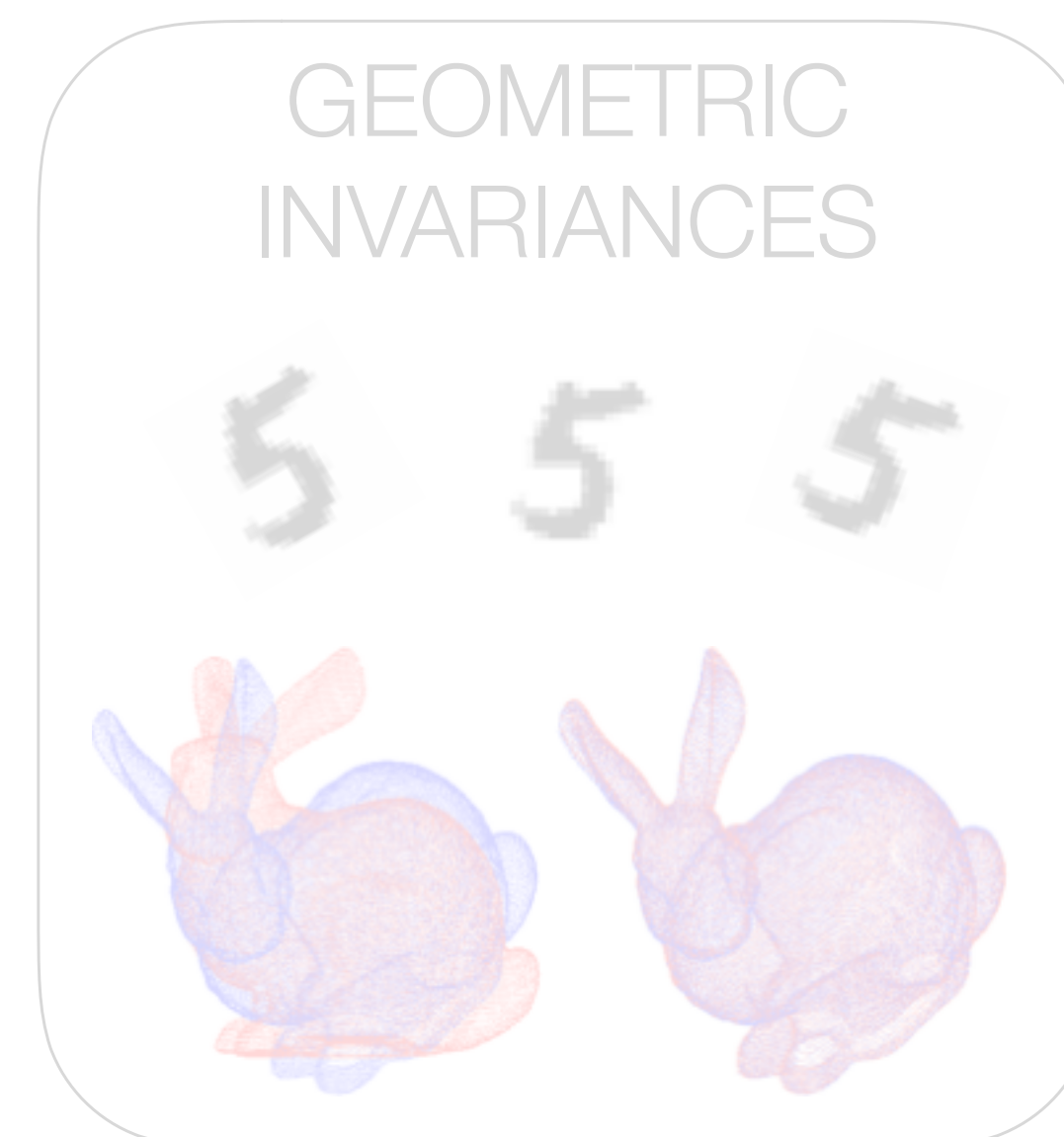
Part I:
OT with
Structured Costs

AISTATS '18



Part II:
OT with
Global Invariances

EMNLP '18 & AISTATS '19



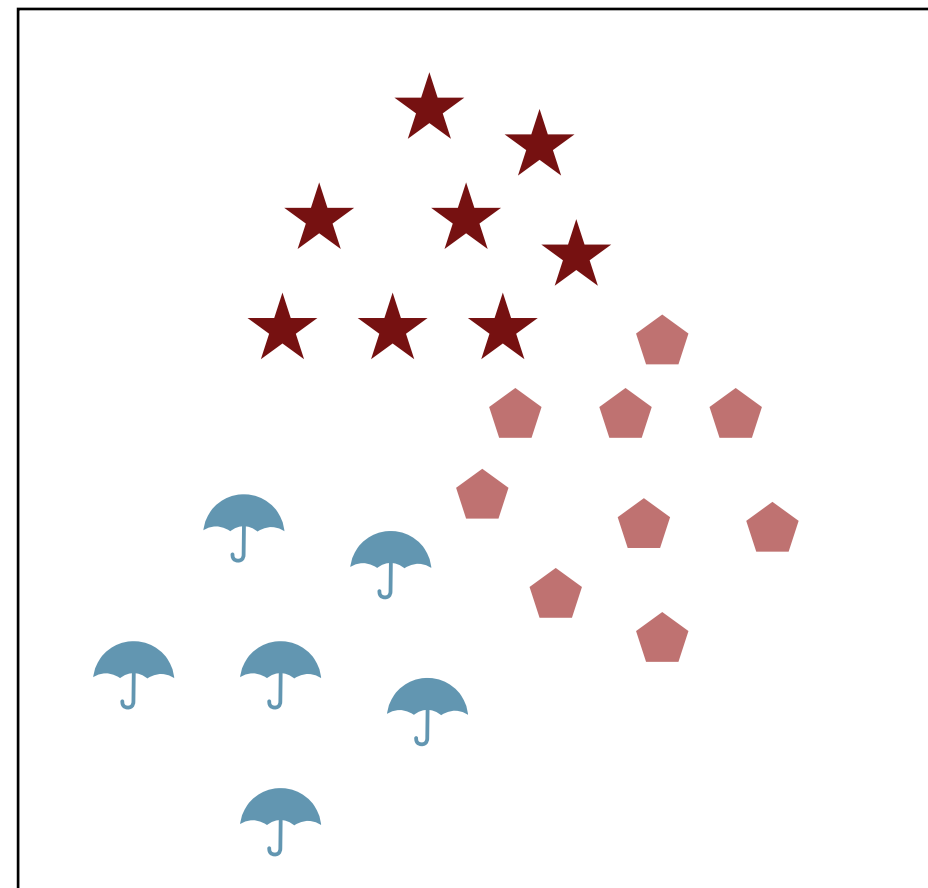
Part III:
OT over
Hyperbolic Spaces

In Submission

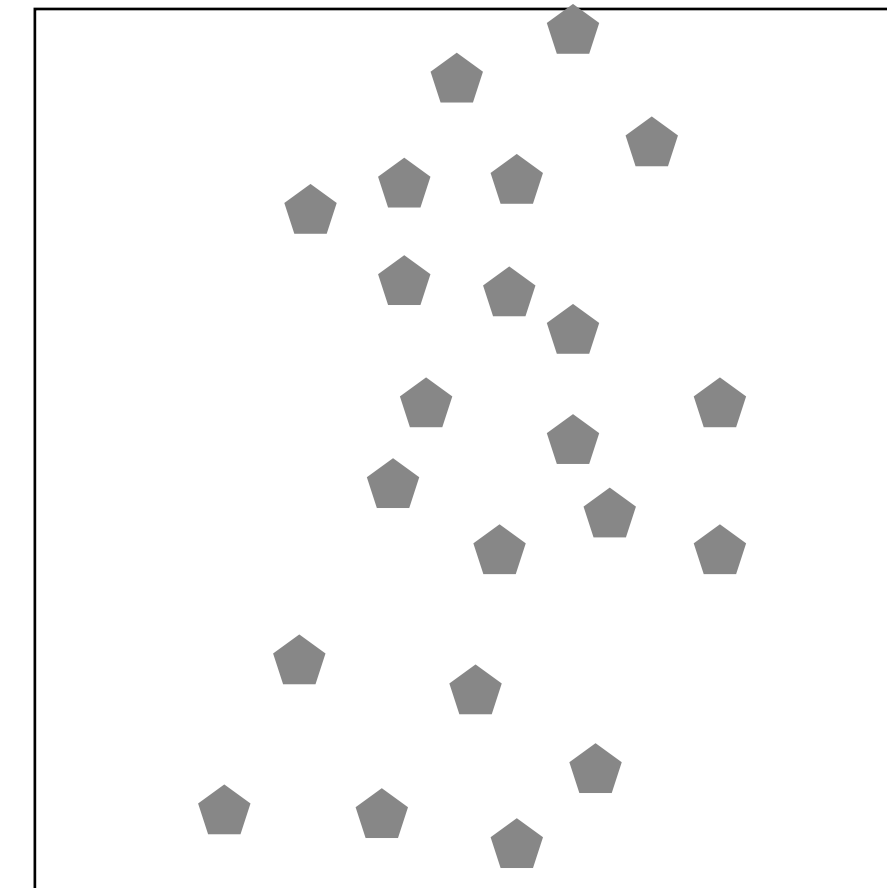
Structured Optimal Transport

Motivation

Setting | Domain Adaptation for Classification



Labeled Source Domain



Unlabeled Target Domain

Goal | Transfer information between source and target domain

Idea | Use correspondences between source and target samples to transfer labels

Want | Encourage points with the same label to be mapped together!