

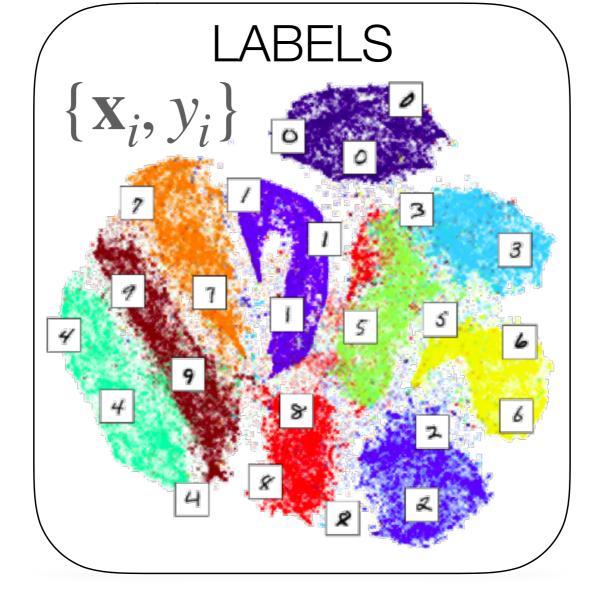
_imitations

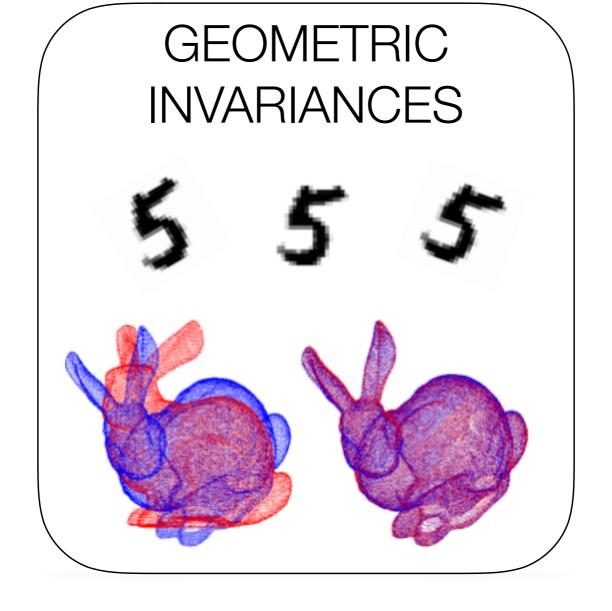
Optimal Transport

Doesn't incorporate frequently occurring structural information



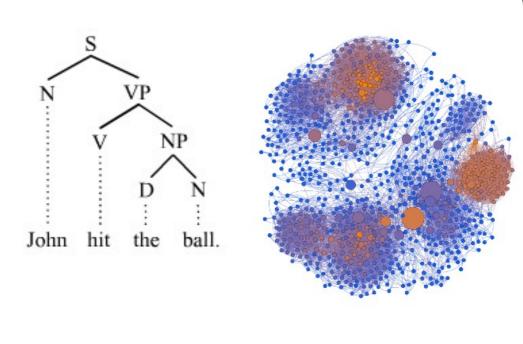
Goal of this thesis: extend OT to leverage it => expand applicability in ML





Images: [1] nlml.github.io, [2] By Tjo3ya [3] mathworks

STRUCTURE

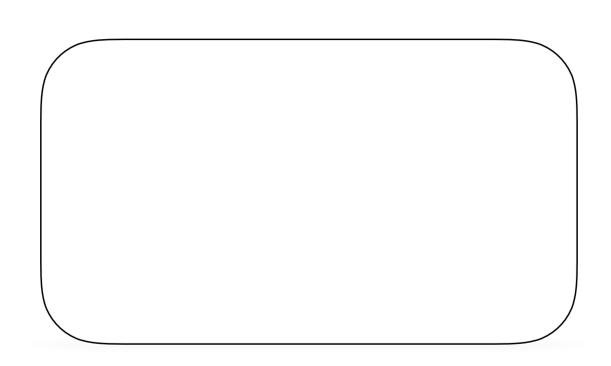


5'ATGACGTGGGGA3' 3'TACTGCACCCCT5'



an Overview

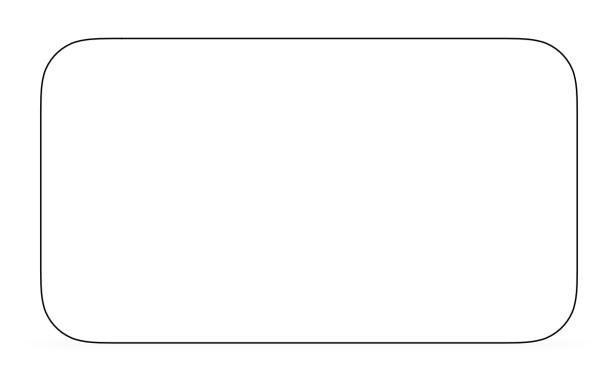
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Part I:

OT with

Structured Costs



Part II:

Global Invariances





Part III:

Hyperbolic Spaces

AISTATS '18

EMNLP '18 & AISTATS '19

In Submission