



for unsupervised hierarchy matching: a random

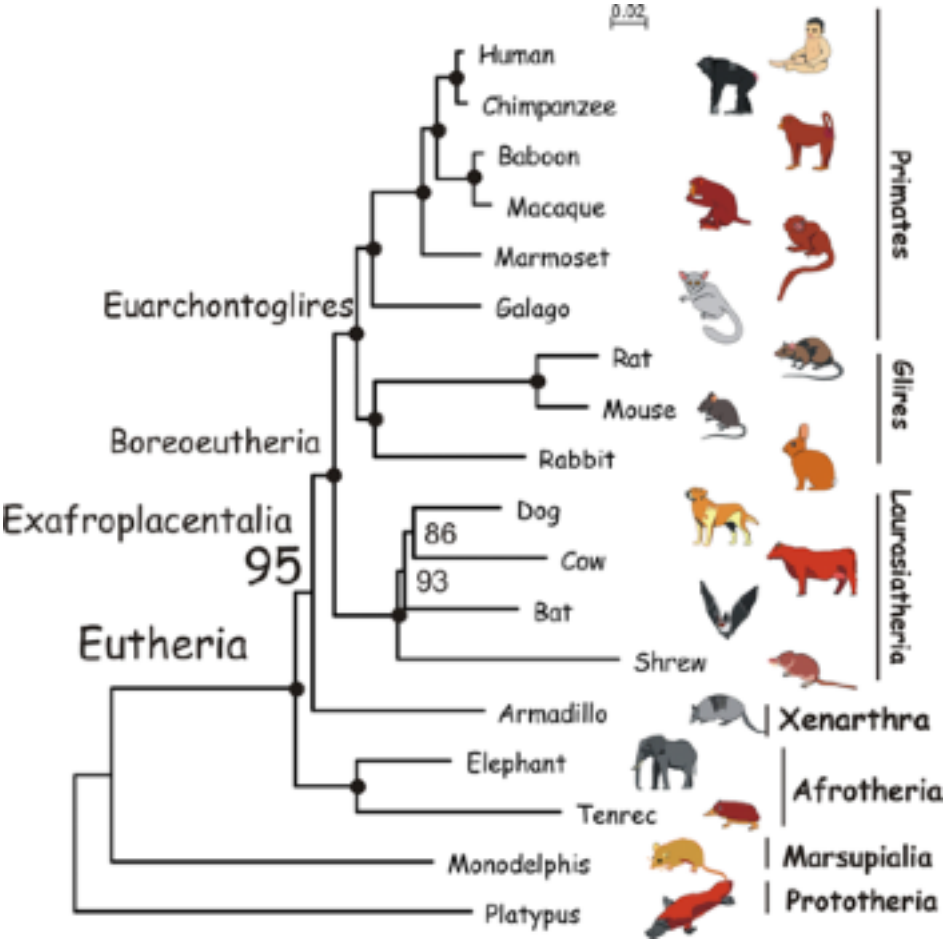
HyperbolicOT

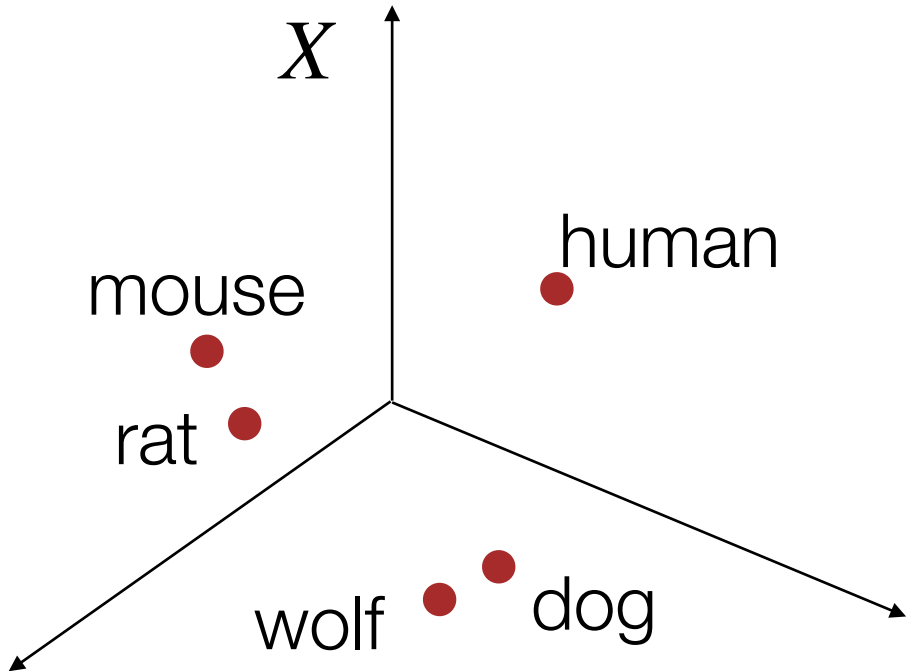


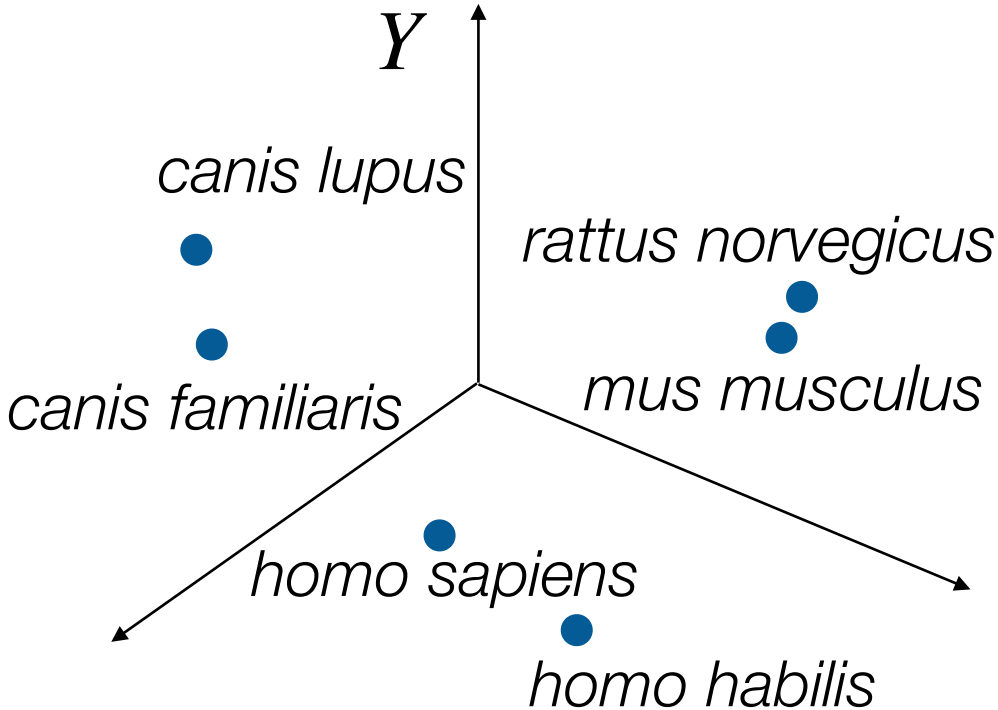
Are we done?

- Hierarchical data better represented in **hyperbolic space** [Nickel & Kiela 2017, Ganev et al. 2018, ...]

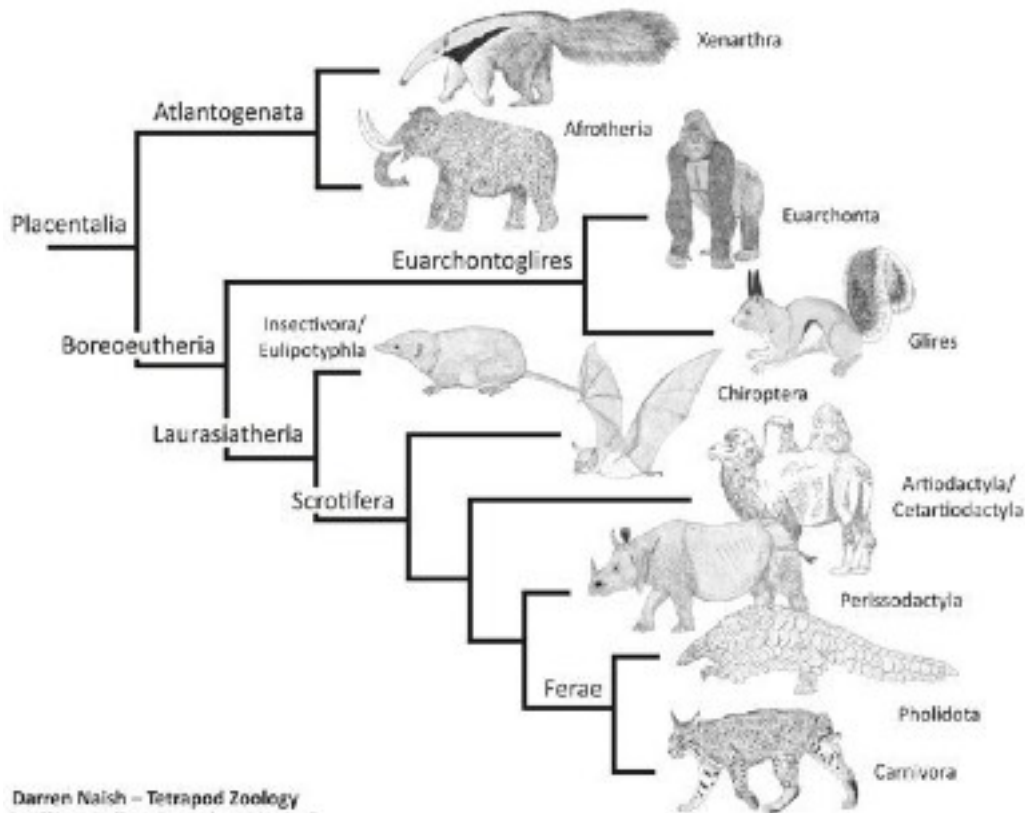
• Does optimal transport work in this case? Does Invariant OT?













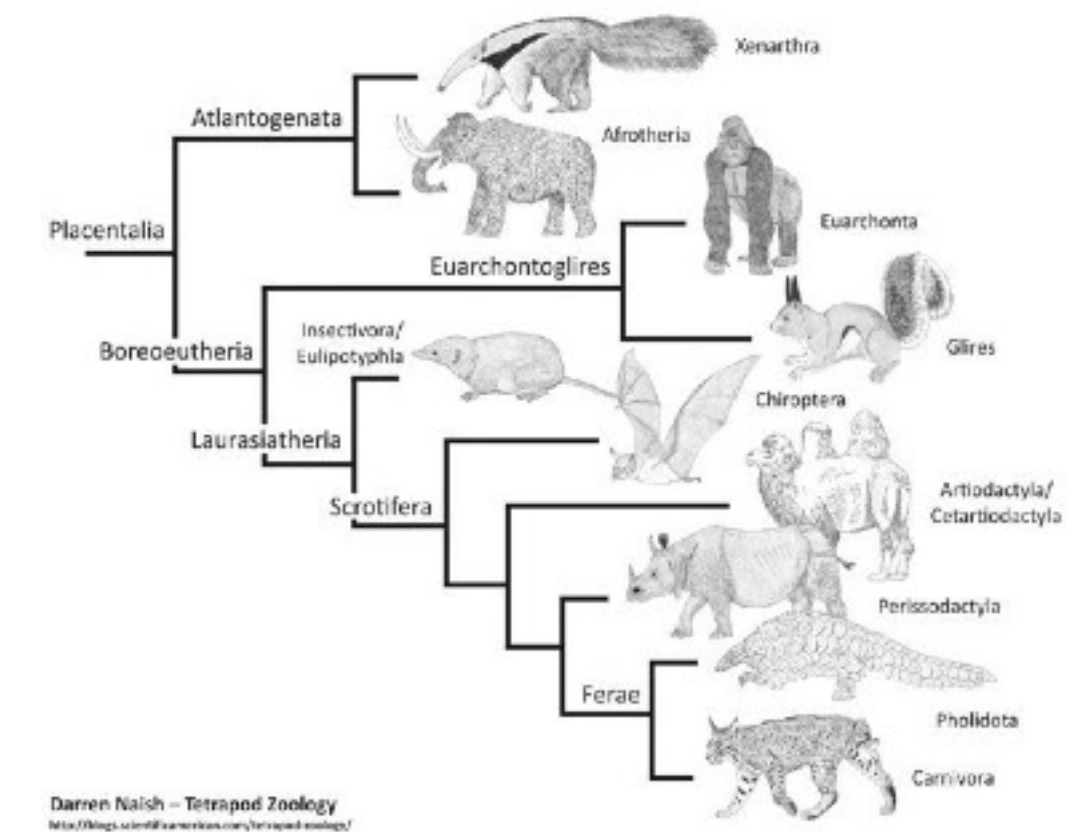
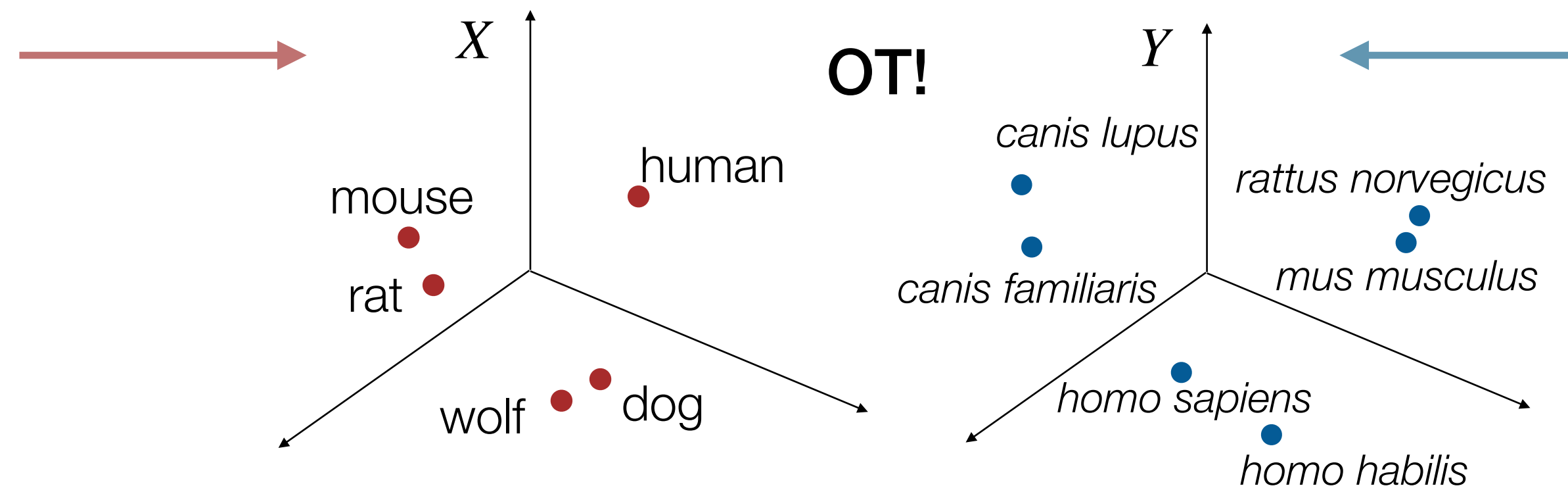
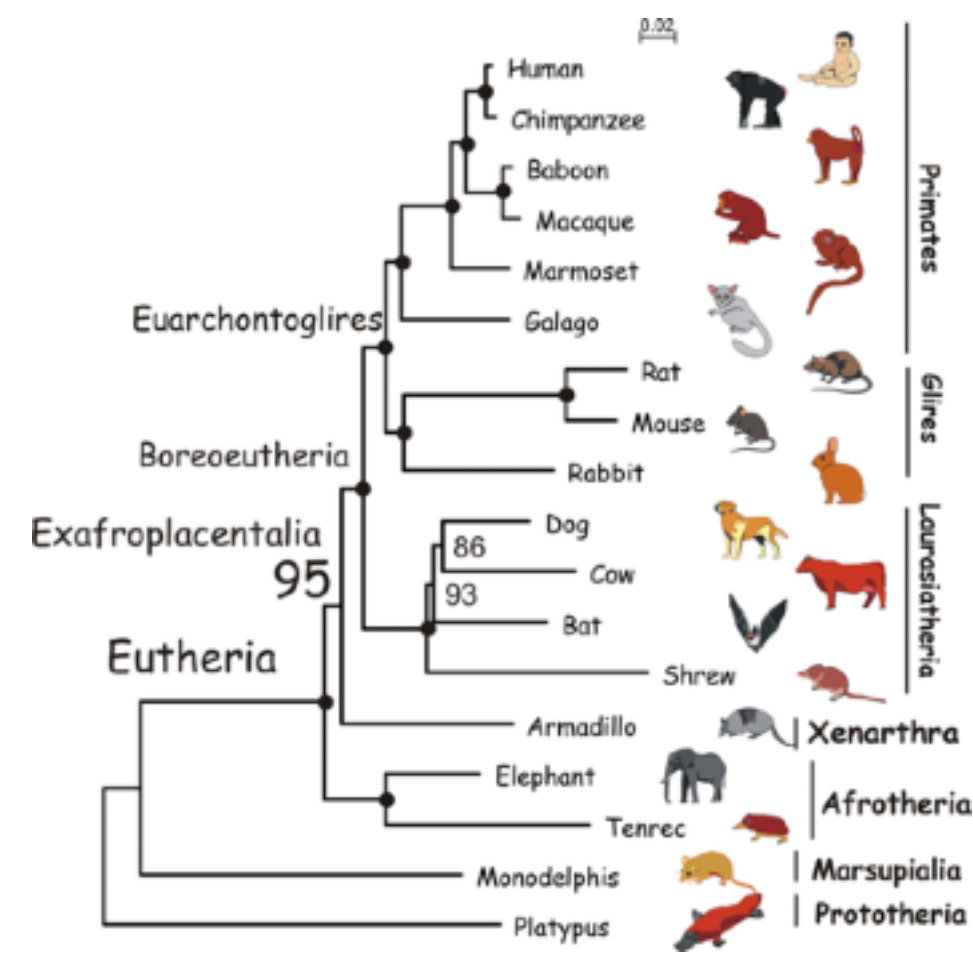
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Hyperbolic OT

for unsupervised hierarchy matching: a roadmap



- Are we done?
- Hierarchical data better represented in [hyperbolic space](#) [Nickel & Kiela 2017, Ganea et al. 2018, ...]
- Does optimal transport work in this case? Does Invariant OT?

Hyperbolic Embeddings

In a nutshell