[redacted]

choosing the right approach

OT with Invariances

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- Two approaches to the problem of unsupervised correspondence under invariance

- How do they compare?

	Invariant OT	Gromov-Wasserstein
Invariance Class Must Be Specified	Yes	No
Sensitivity to Class Misspecification	High	N/A
Performance	++	+
Runtime	++	++

Theorem. *For certain configurations, the* ℓ_2*-Invariant OT and Gromov-Wasserstein problems are equivalent*.

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Key Takeaways