

Adapted Wasserstein distance between Gaussian processes

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Adapted optimal transport provides an elegant theoretical framework for quantifying model uncertainty in dynamic contexts. Despite the tremendous growth of the theory in recent years, not many explicit examples are available. In this talk, we study in detail the adapted 2-Wasserstein distance between Gaussian processes in discrete time, and illustrate the various behaviors of the optimal couplings.

In Special Session 61 on Recent Advances in Mathematical Finance and Related Fields at the Mathematical Congress of the Americas 2025.