

# Parametrized measure models and a generalization of Chentsov's theorem

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We review the infinite-dimensional Riemannian interpretation of the space of probability measures endowed with the Wasserstein metric. In particular, we shall address the relation between the differential geometry of the base space and that of the space of probability measures.

\* This is a joint work with Nihat Ay, Jürgen Jost, Hông Vân Lê.