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Title: "Risk Assessment under Uncertainty"

Abstract

We review the concepts of risk measures and robust risk measures, which are the worst-case value a risk measure can attain, when only partial information on the distribution function is known. We will discuss specific examples on how to quantify distributional uncertainty including the Wasserstein distance and divergences induced by optimal transport. An emphasis is given in examples, implementations, and applications to robust portfolio optimisation and active portfolio management.