Sessão: Modelação de valores extremos e acontecimentos raros

The role of generalized means in the estimation of the conditional tail expectation

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Statistics of extremes are nowadays faced with many challenges, among which we refer the ones related to topics like risk modelling of big data and robustness of the methodologies that enable to understand the complexity of extreme events in the most diverse fields. Since an important situation in risk management is the risk of a big loss, a great variety of alternative methodologies are available to deal with the management of risks of extreme events, among which we refer the *conditional tail expectation* (CTE). We shall now make use of generalized means in the estimation of the CTE.