Department of Decision Sciences

Statistics Seminar

On the block maxima method in extreme value theory

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12:30pm Room 3-E4-SR03 Via Rontgen 1 Milano

Abstract

In extreme value theory there are two fundamental approaches, both are widely used: the block maxima method and the peaks-over-threshold method. Whereas much research has gone into the POT method, the block maxima method has not been studied thoroughly. The present paper aims at providing conditions under which the block maxima method can be justified. In this talk we restrict attention to the i.i.d. case and focus on the probability weighted moment (PWM) estimators of Hosking, Wallis and Wood (1985).

Joint work with Ana Ferreira (University College London)

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