



UC3M-ICMAT Seminar – 2014

## Applied Probability and Statistics

### Stochastic inequalities for order statistics from heterogeneous random variables

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Wednesday, June 18, 2014

11h00, ICMAT, Aula Gris I

In this talk, an introduction into the extensive and almost exhaustively examined field of stochastic inequalities and their properties is presented. In particular, stochastic inequalities among some models of ordered random variables have been studied by different authors when the random variables are independent and identically distributed. We discuss this problem for independent but not identically distributed random variables, showing some new results and also some of the current research the author is doing in moment.

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