

Seminari del Departament d'Estadística i Investigació Operativa

Universitat Politècnica de Catalunya

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Title: Què vol dir "estadísticament significatiu"? (What do we mean by “statistically significant”)?

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Abstract: For several decades, the expression "statistically significant" has been a standard in scientific communications, but its use is changing nowadays. In this seminar I will explore how this expression has been used in publication guidelines and drug regulations, and also the recent recommendations that advise against its use. Though an historical view, I will offer my interpretation of its evolution and the potential implications in the communication of scientific results.

About the Author: Erik Cobo explains Statistics at the Statistics and Operations Research Department at UPC. He has worked for the Pharmaceutical industry and is a member of the editorial board of the journal *Medicina Clínica* (Elsevier, Barcelona).