

Séminaire de Probabilités et Statistique

Mardi 4 avril à 14h00

Salle de Conférences

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E is the new P

The last decade there has been much attention in the media to the fact that many scientific results are not reproducible, especially in medicine and psychology this is widely acknowledged. Part of the problem is due to the mathematics used for hypothesis testing. The standard methodology is the “ p -value based null hypothesis significance testing,” despite a myriad of problems surrounding it. We present the E -value, a notion of evidence which overcomes some of the issues.