



Università di Milano Bicocca

Dipartimento di Psicologia

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Ciclo di Seminari del Dipartimento di Psicologia, a.a. 2016/2017

Prof. Vincenzo Bagnardi - Dipartimento di Statistica e Metodi Quantitativi, Università degli Studi di Milano-Bicocca.

'Replicability in neuroscience and in psychological research. Some statistical methodological issues'

Science moves forward when a breakthrough and new discoveries made by a group of researchers can be verified and validated by independent replications by some other groups. Replication is therefore the gold standard. This process, long and expensive, could be speeded up if researchers wasted less time in pursuing false leads.

It has been declared that many of published research findings, including neuroscience and psychological research, are probably false. Among other causes, there are both the increasing pressure on researchers to publish to survive and their lack of training on statistical methods for designing, conducting and interpreting an experiment and its results. The seminar will present some of the main statistical problems that could affect the replicability of a study: inadequate sample size, multiple testing, dependence between observations and misinterpretation and abuse of statistical tests.

Lunedì 5 Dicembre 2016, ore 14.00

Sala Lauree del Dipartimento di Psicologia, U6 (3° piano)

Tutti gli interessati sono invitati a partecipare.

Per informazioni:

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