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The Pitman-Koopman theorem and informationally relevant quantities

I believe that the greatest unsolved problem in statistics is communicating the subject to others

N. Davies (Copas et al. 1995 p. 445)

1 From qualitative to quantitative statements

We often face the difficulty of quantifying some kind of qualitative property or a phenomenon. This quantification is difficult for two reasons: the property itself is only vaguely defined in our heads; and even if it is somehow clear, there are several different quantitative measures that seem to capture it.

Thanks

PGLPM thanks Mari & Miri for continuous encouragement and affection; Buster Keaton and Saitama for filling life with awe and inspiration; the developers and maintainers of LATEX, Emacs, AUCTEX, Open Science Framework, Python, Inkscape, Sci-Hub for making a free and unfiltered scientific exchange possible.

Bibliography

('de X' is listed under D, 'van X' under V, and so on, regardless of national conventions.)

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