

سمینار هفتگی گروه آمار

# Bayes factor as a measure for evidence

سخنران:

جناب آقای دکتر دوست پرست

استاد گروه آمار دانشگاه فردوسی مشهد

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سالن دکتر بزرگ نیا

## Abstract

**Evidence that a certain statement is true is what causes beliefs to change and so evidence is measured by change in belief. Belief is measured by probability. Thus, the evidence is to be measured by the change in probability. Various measures of evidence have been proposed in literature. Here, two most common measures, called Bayes Factor and Relative Belief, are discussed.**