

Statistics and philosophy of probability - six degrees of separation

Krzysztof Burdzy
University of Washington, Seattle, USA burdzy@uw.edu

The talk will present some basic ideas contained in my book "The Search for Certainty. On the Clash of Science and Philosophy of Probability".

My main points will be:

- (i) The philosophy of probability is a complete intellectual failure.
- (ii) Frequency statistics has nothing in common with the frequency philosophy of probability of von Mises.
- (iii) Bayesian statistics has nothing in common with the subjective philosophy of probability of de Finetti.

I will develop these points and present my alternative approach.

Key Words: Philosophy of probability, foundations of statistics