WARWICK

GLOBAL RESEARCH PRIORITIES
BEHAVIOURAL SCIENCE

DR@W Forum Presents:

Joakim Sundh (Warwick, Psychology)

Linear Approximations of Joint Probability

Probability theory supplies us with ways of combining discrete probability estimates into joint probability judgments, but because of the noise and complexity of everyday life direct application of probability theory is not always viable. Instead, simpler methods such as sequential additive combination are often equally or more effective. This is particularly the case if the task is complicated by dependence between events, and under strong positive dependence a weighted average can often approximate the conclusions of probability theory remarkably well. In this talk I will introduce my research on joint probability judgments under dependence and how this work has brought me to Bayesian inference and sampling.

Date/Time

Thursday 3rd October 2019

2.30 pm – 3.45 pm

Location

Library, Wolfson 3