

I USED TO THINK
CORRELATION IMPLIED
CAUSATION.



THEN I TOOK A
STATISTICS CLASS.
NOW I DON'T.



SOUNDS LIKE THE
CLASS HELPED.
WELL, MAYBE.



<https://xkcd.com/552>



Tech Teasers #3

How to do statistics with 95% less pain and fear

THE CENTRE FOR SUSTAINABLE ECOSYSTEM SOLUTIONS PRESENTS:

Michael Bedward – Centre for Environmental Risk Management of
Bushfires, UOW

Date: Monday 9th July

Time: 16:00 – 17:00

Venue: Building 20 Theatre 5 (20.4)

Refreshments will be provided



ABSTRACT

This talk will help you to navigate the statistical jungle with more confidence. You will see how many seemingly different kinds of statistical models, such as linear regression, GLM, ANOVA, random effects models and multi-level models, all share a common foundation, and how this can help you to tailor an analysis that suits your research questions and data instead of feeling you have to mangle your questions and data to meet the assumptions of a conventional procedure. The emphasis will be on conceptual understanding rather than formal theory, through a series of worked examples in R. Along the way you will discover how embracing uncertainty leads to happiness.



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BIOGRAPHY

Michael Bedward is a data masseur in the Centre for Environmental Risk Management of Bushfires. He has over 30 years of experience in botany, ecology, conservation planning, ecological modelling and data analysis.

