



DR JAN FELD
SCHOOL OF ECONOMICS AND FINANCE

The Curious Case of Meta-Science: Why One Study is Not Enough

STEP 01

Recognise the Issue

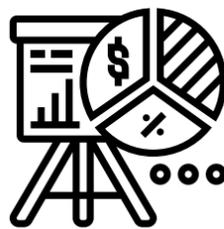
Scientists often generalise findings way beyond the original context.



STEP 02

The WEIRD* Problem

Such a practice may be problematic, because findings from different studies lead to different results, many findings don't replicate, there is publication bias, and many studies use WEIRD samples.



STEP 03

Growth of Scepticism

Those problems have made me more sceptical of findings from individual studies because the narrow focus of these studies can lead to misleading generalisations.



STEP 04

Silver Lining

The scientific community has become increasingly aware of the problems with individual studies and there are initiatives to combat them (e.g. more pre-registration, data sharing, and replications).



Say hello to Meta-science! Also known as “science on science” - my current intellectual obsession. It's the study of how the scientific process works, and when it doesn't, how it can be improved.

[Want to learn about meta-science?](#)

[Read more](#)

*WEIRD stands for 'Western, Educated, Industrialised, Rich, and Democratic.'