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Suggestions for a Solution

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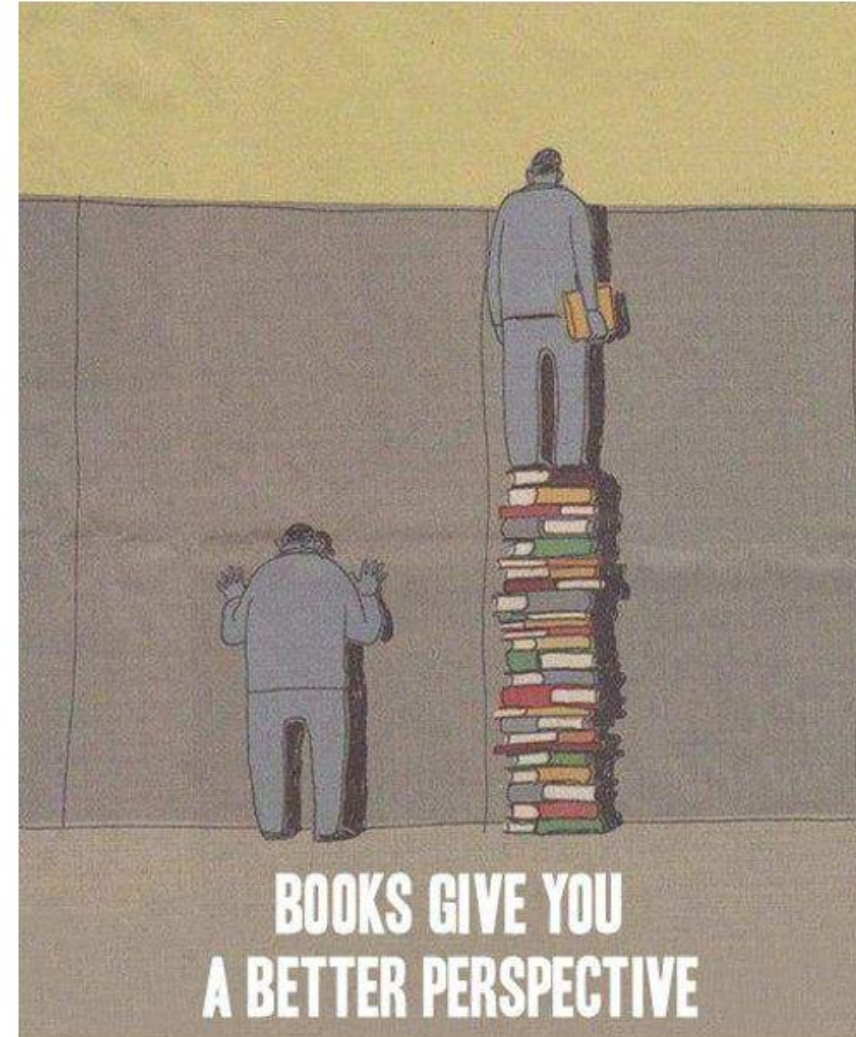
Suggestions for a solution



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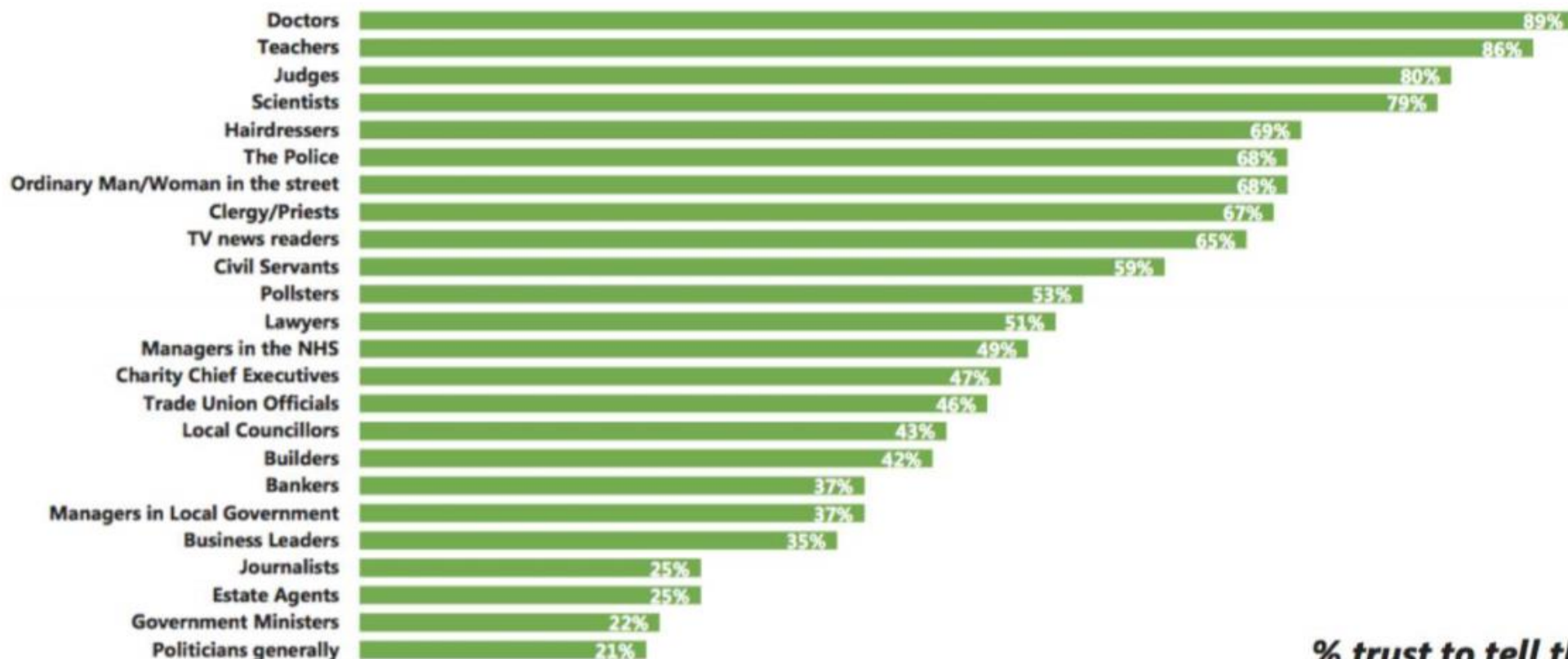
Research → Technology & Knowledge





Veracity Index 2015 – all professions overview

"Now I will read you a list of different types of people. For each would you tell me if you generally trust them to tell the truth, or not?"



% trust to tell the truth

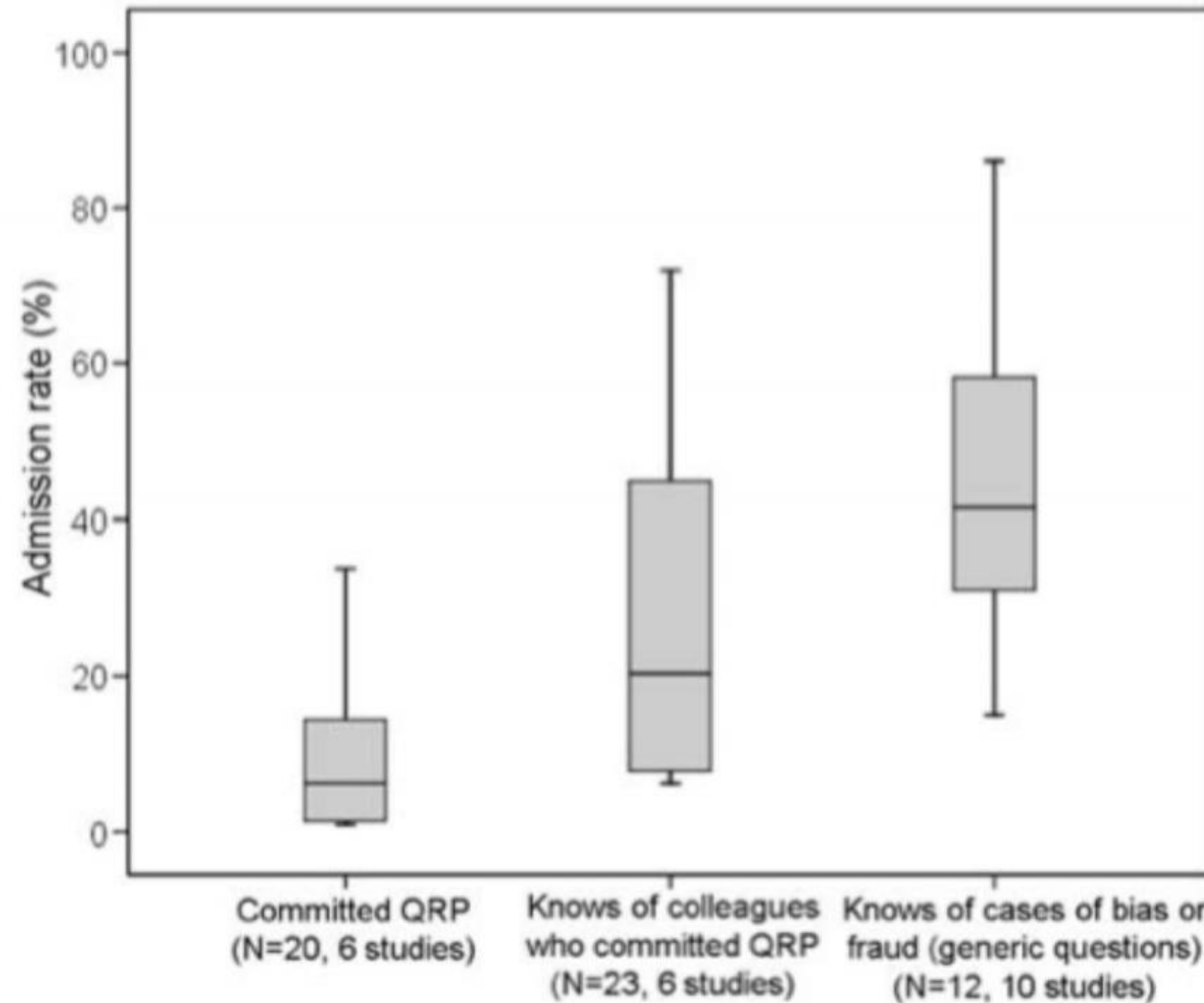
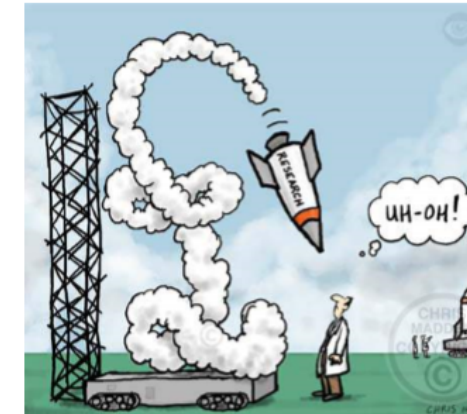
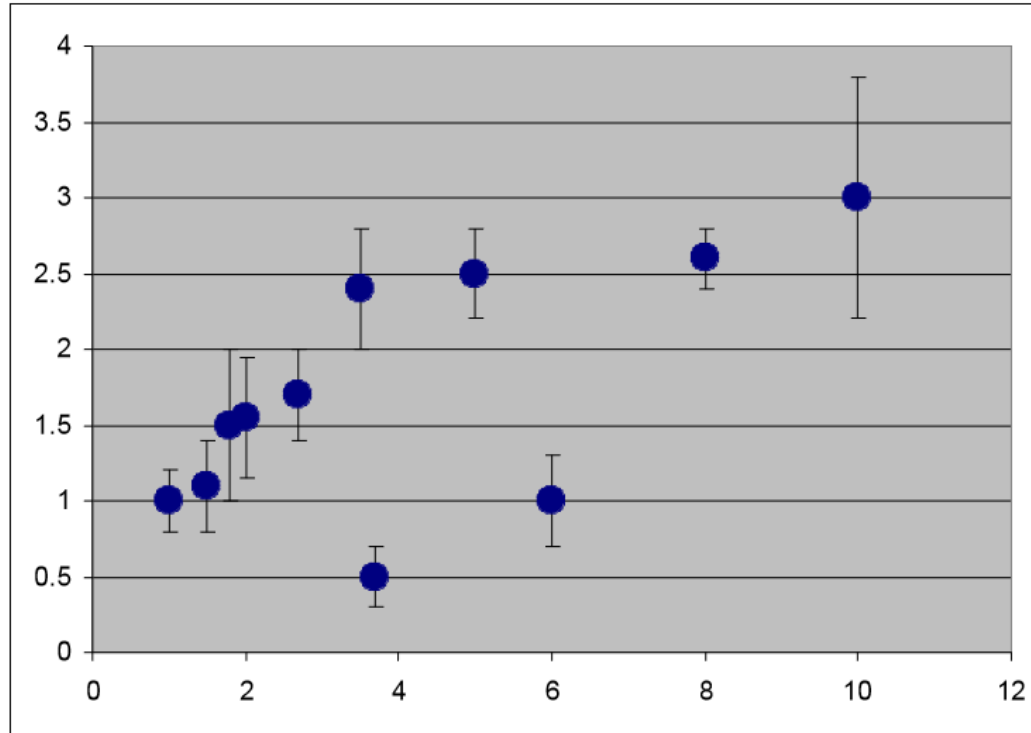


Figure 3. Admission rates of Questionable Research Practices (QRP) in self- and non-self-reports. N indicates the number of survey questions. Boxplots show median and interquartiles.
doi:10.1371/journal.pone.0005738.g003



Time pressures

Financial pressures



Honest errors

Sloppiness

Data fraud

Misunderstandings

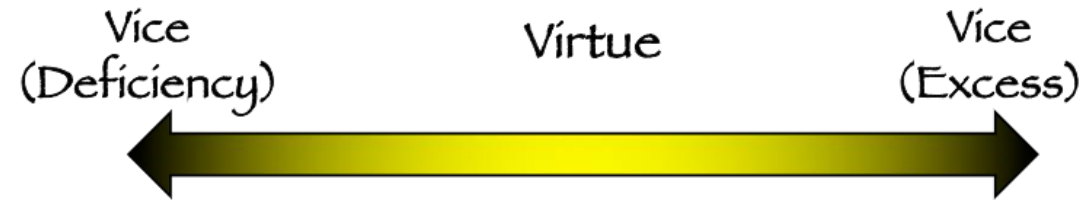
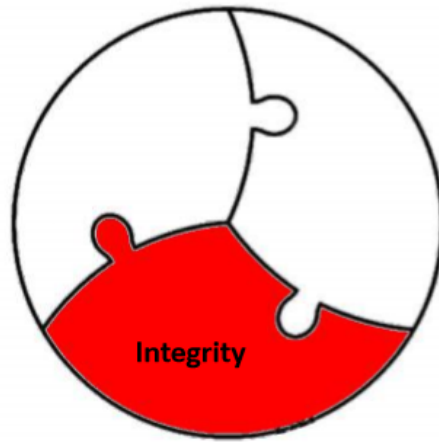
Incompetence

Criminality

“Good” Research



*Research Integrity is concerned about **virtues***



Careless ← Rigorous → Pedantic

Plagiarism ← Original → Fantasy

Corrupt ← Honest → Obscurant

Secrecy ← Open → Naïve



EVBRES – COST Action CA17117

Encouraging the use of an Evidence-Based Research (EBR) approach while carrying out and supporting clinical research

- An EBR approach is needed to prevent research waste
- This approach is systematic and transparent
- It includes the whole research process from study concept and design through to placing new results in the context of earlier similar trials



What is a review of the evidence?

Literature review

Qualitative evidence synthesis

Systematic search & review

Critical review

Overviews

Rapid reviews

Systematised review

Mapping review

Mixed studies review

Scoping reviews

State-of-the-art review

Umbrella review

Meta-analysis

Mixed methods review

Systematic review

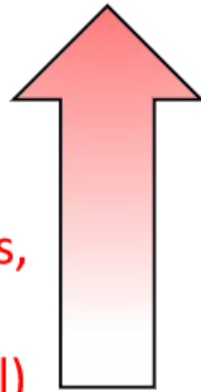
Peer review

Qualitative systematic reviews

Narrative review



Risk
(participants,
financial,
reputational)

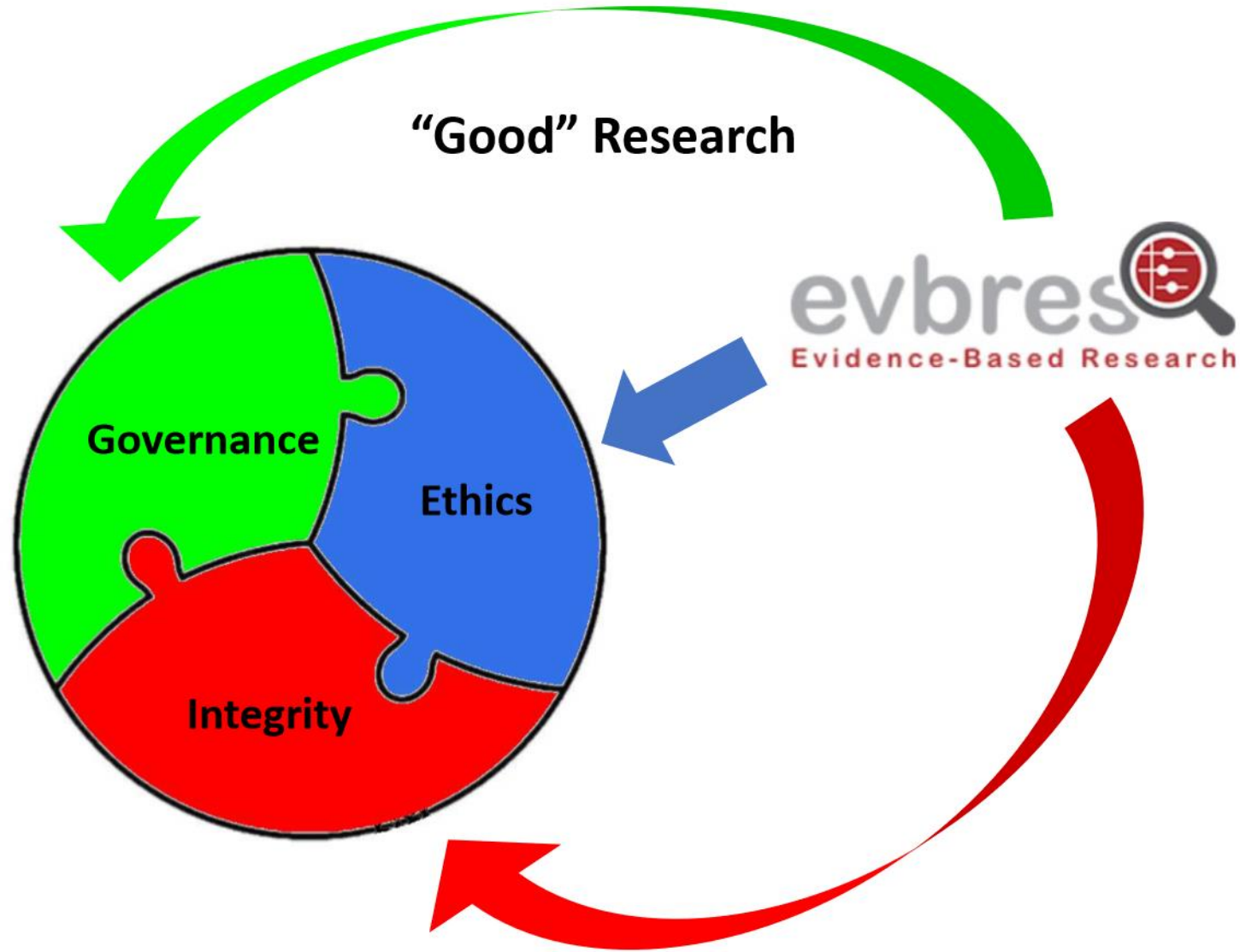


What level of Justification is required/expected?

Vague
feeling that
research is
needed



**Systematic
Review**



Thank you



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