

Je bent jong en je wilt wat?
Betrouwbare kennis

Chris Hartgerink
@chartgerink



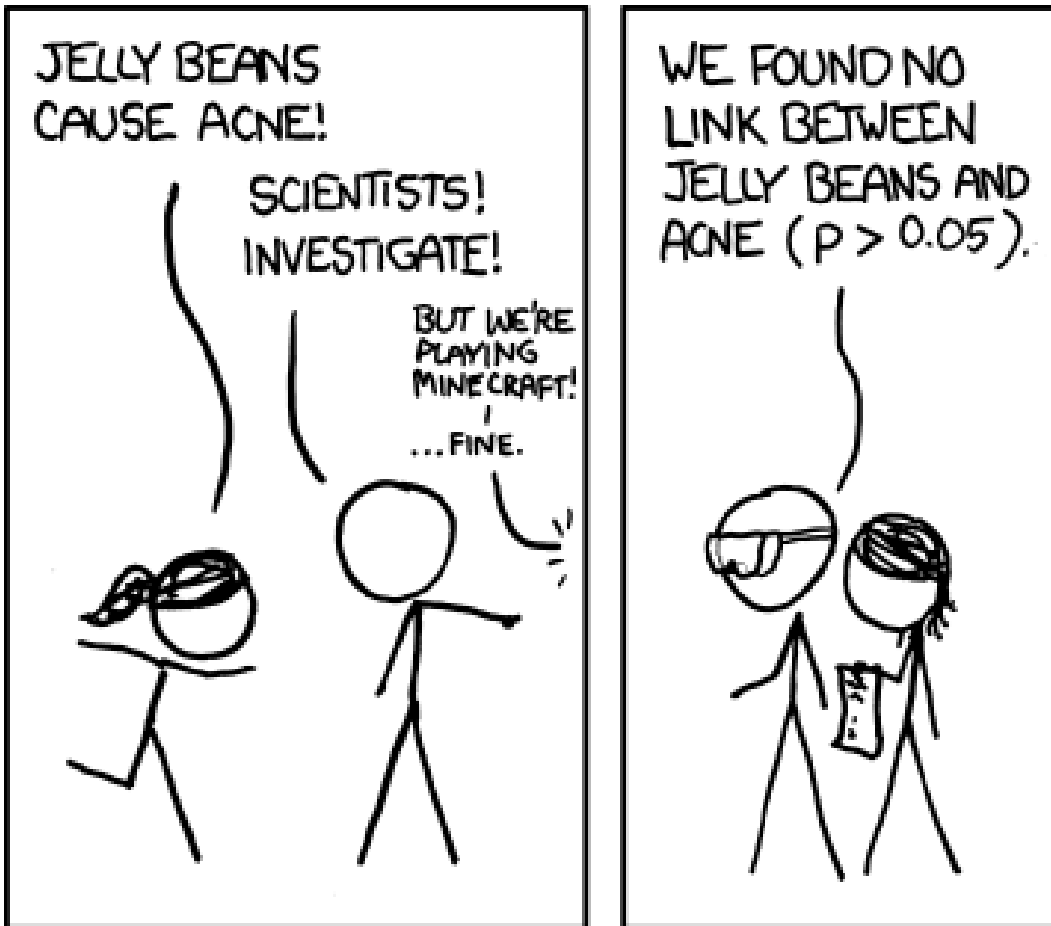
Wat willen jullie van de wetenschap?

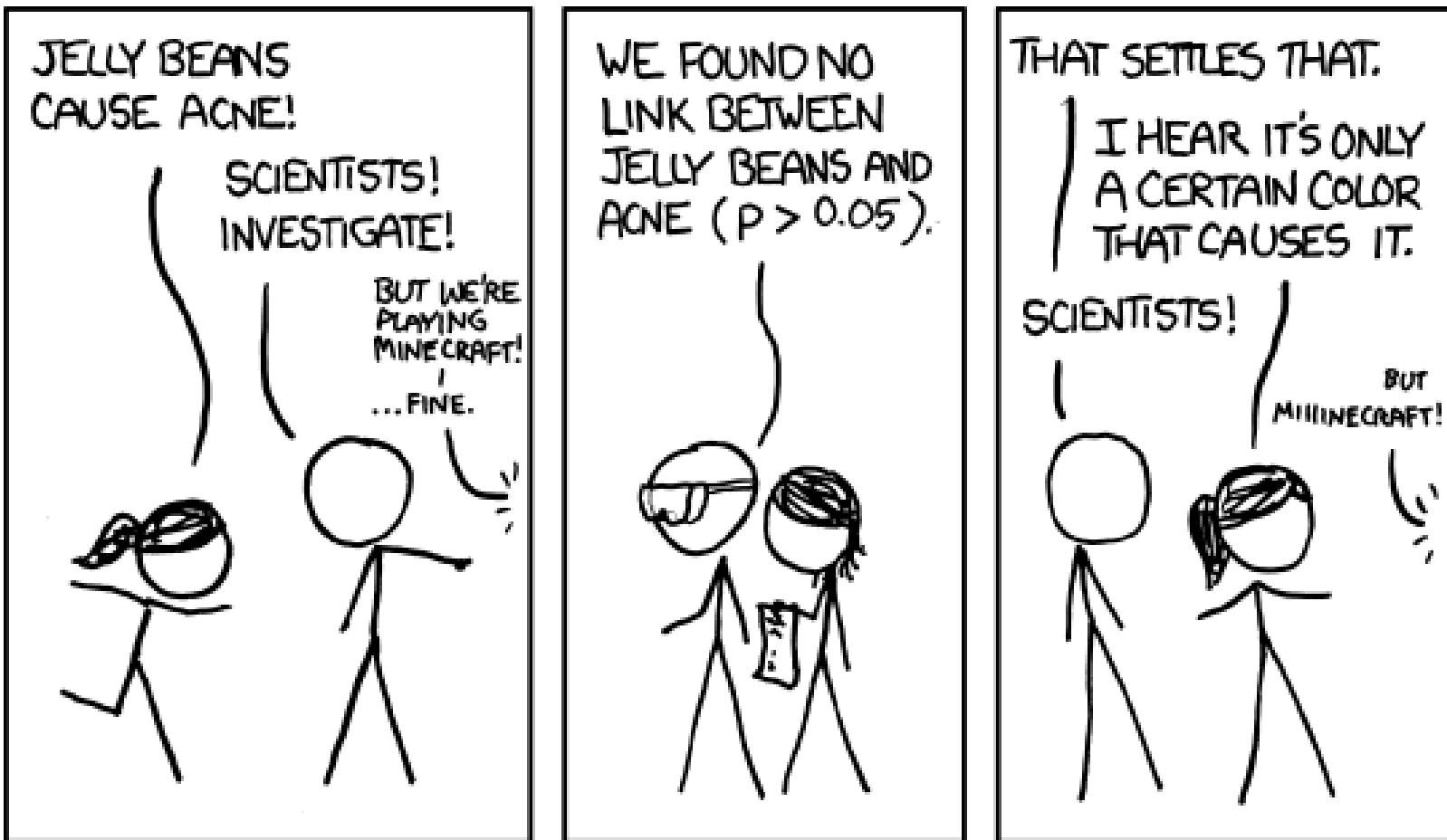


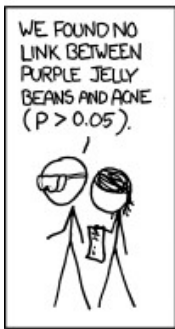
Wat hebben jullie de wetenschap te bieden?

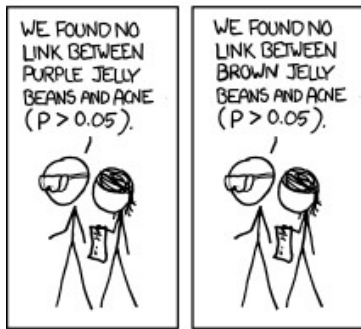


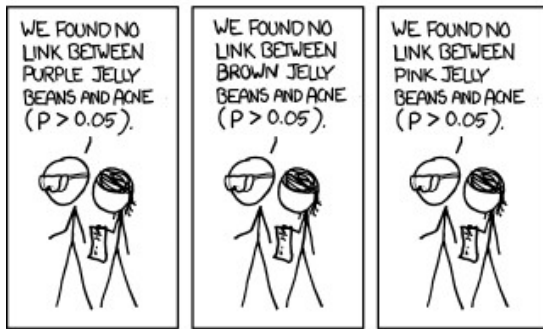


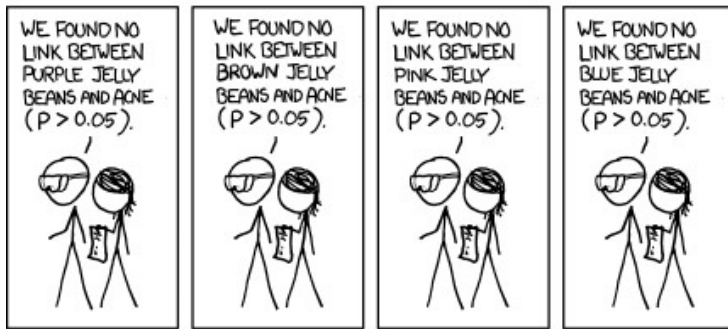


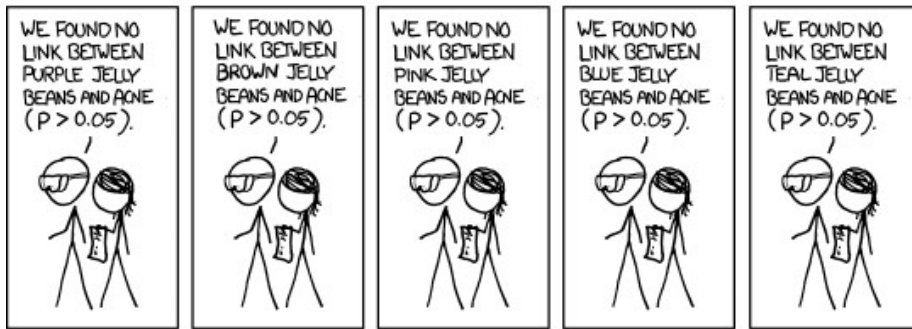


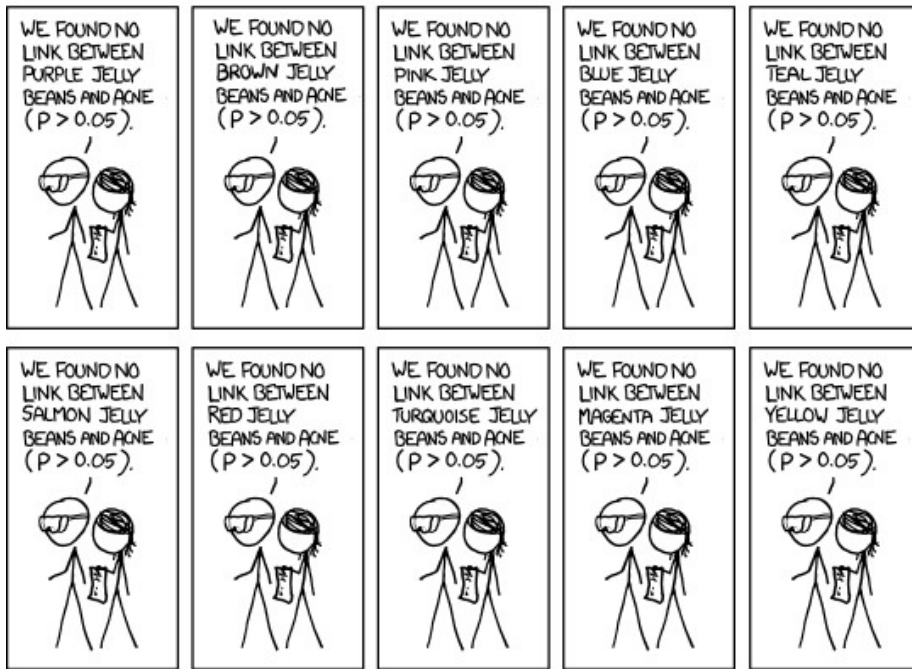


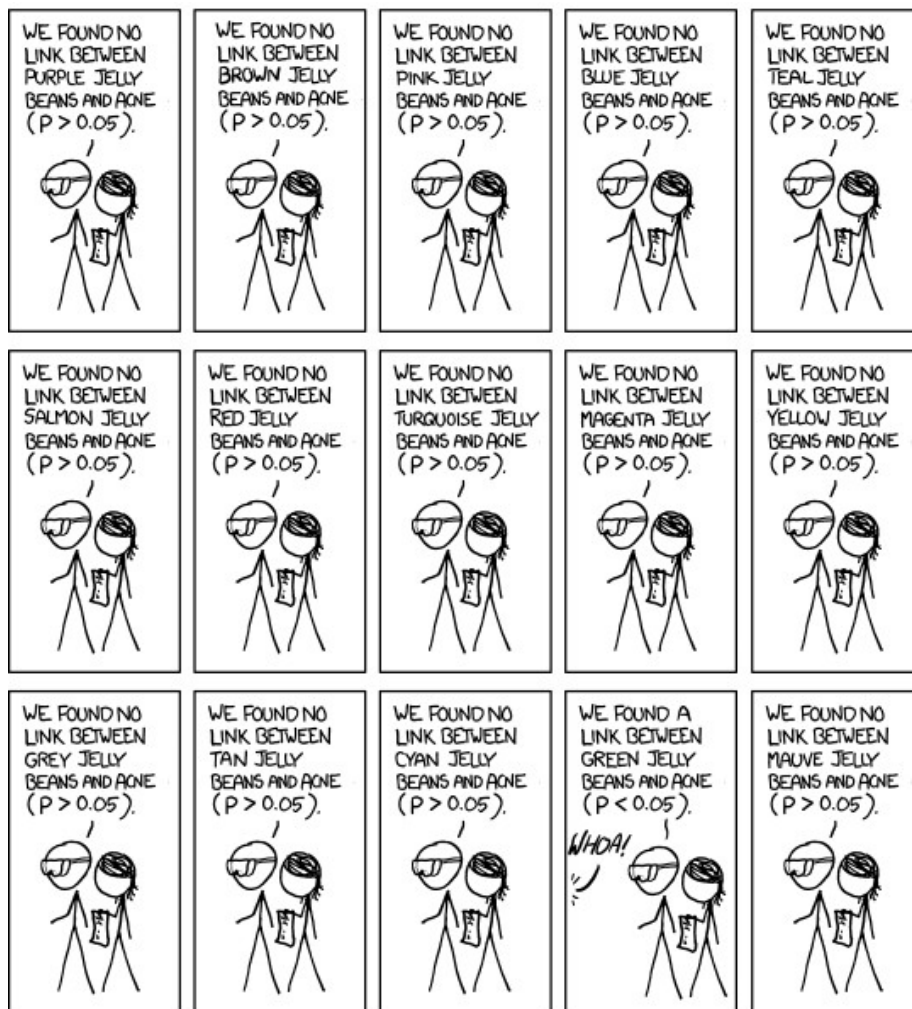


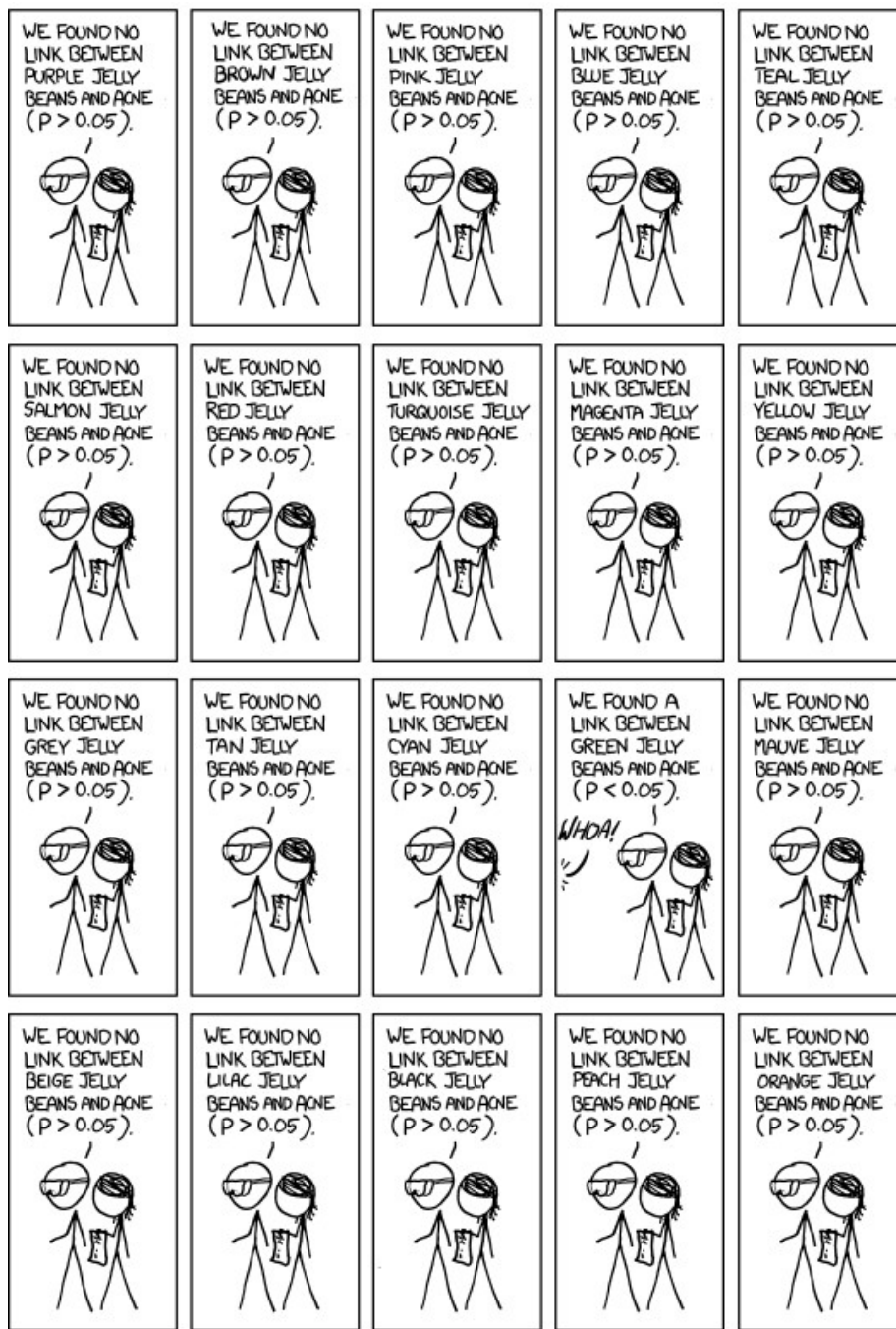


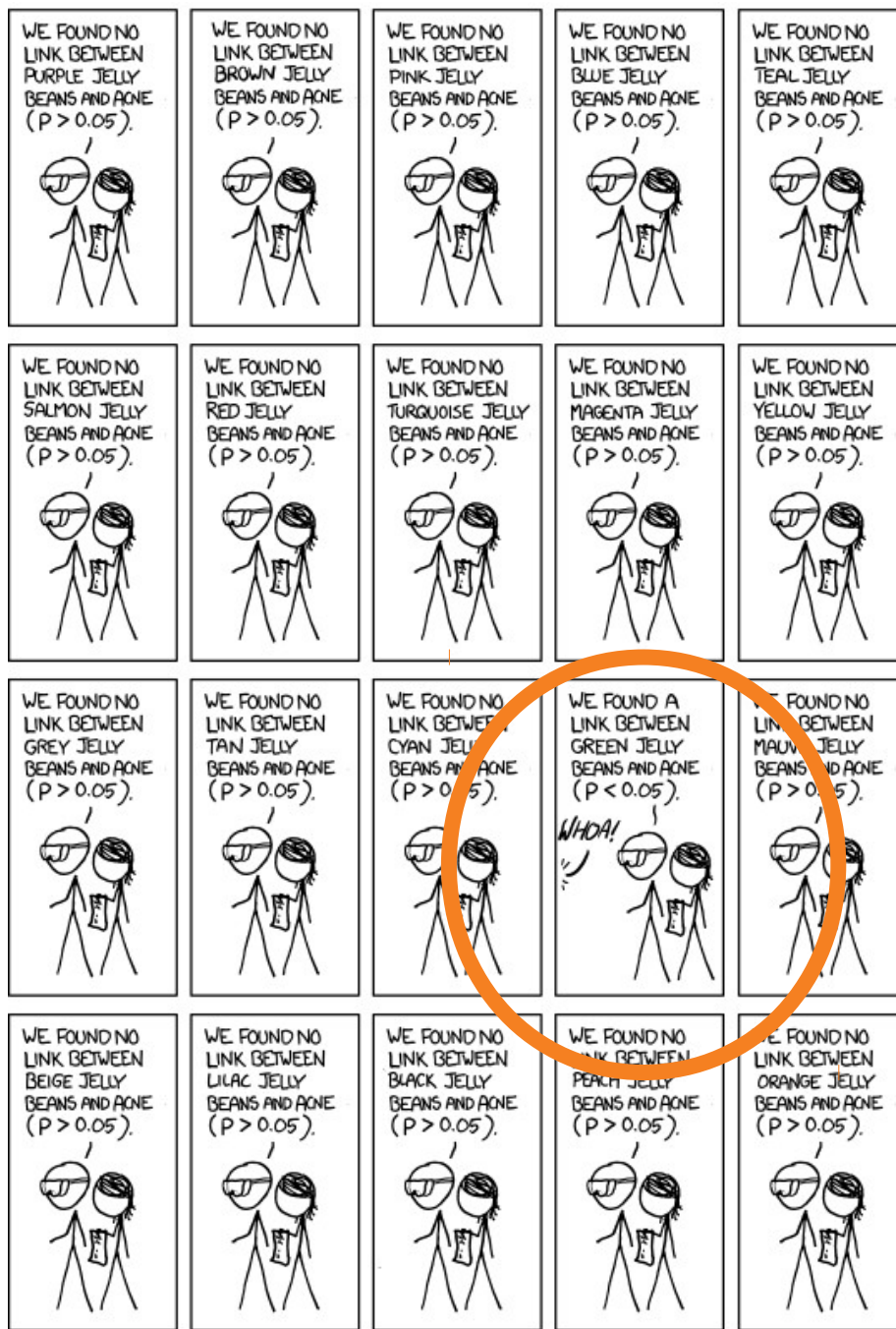


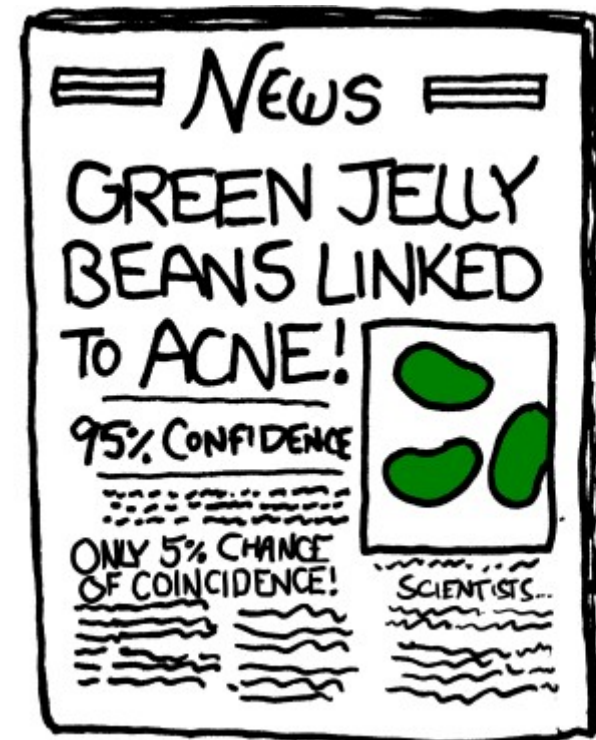
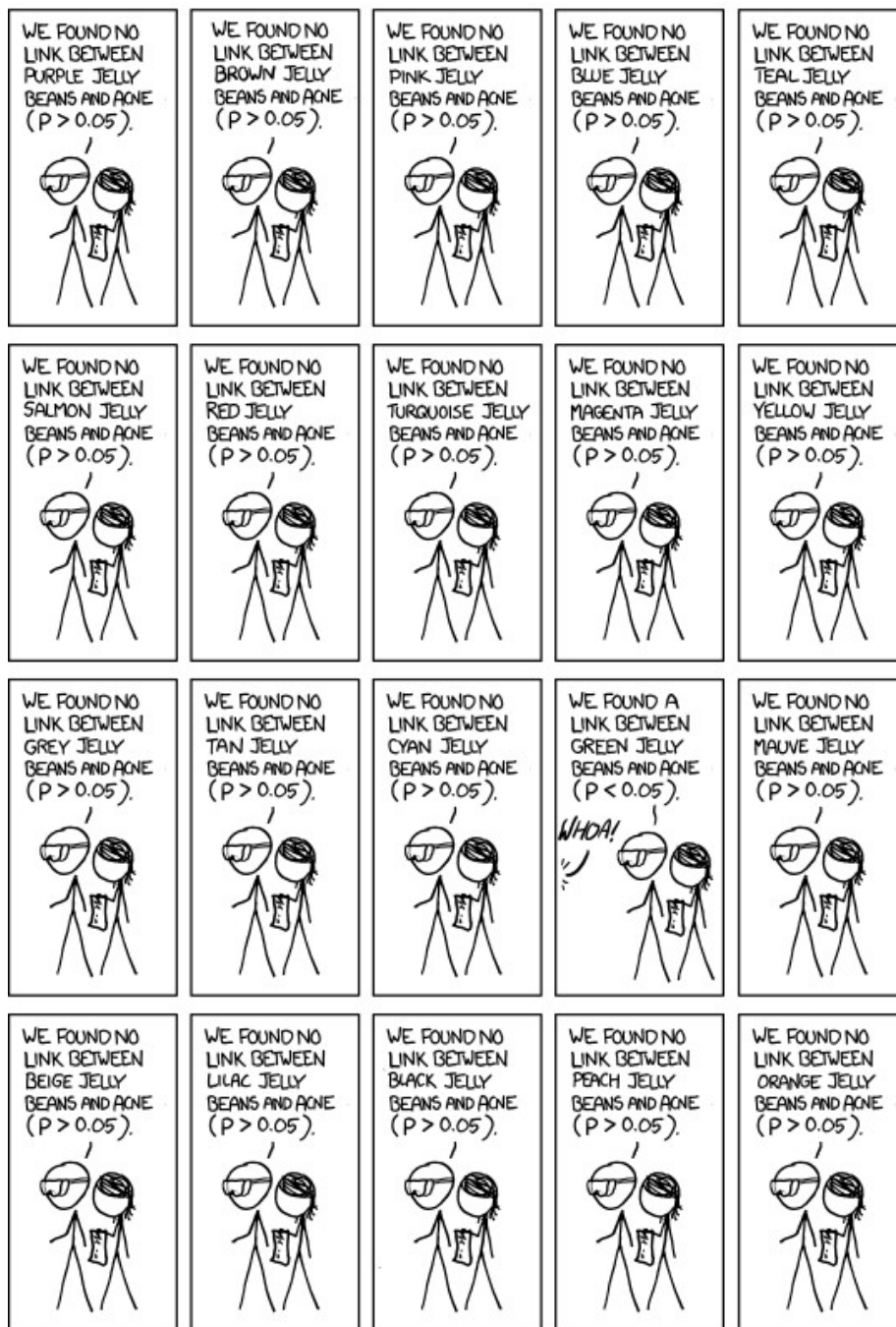






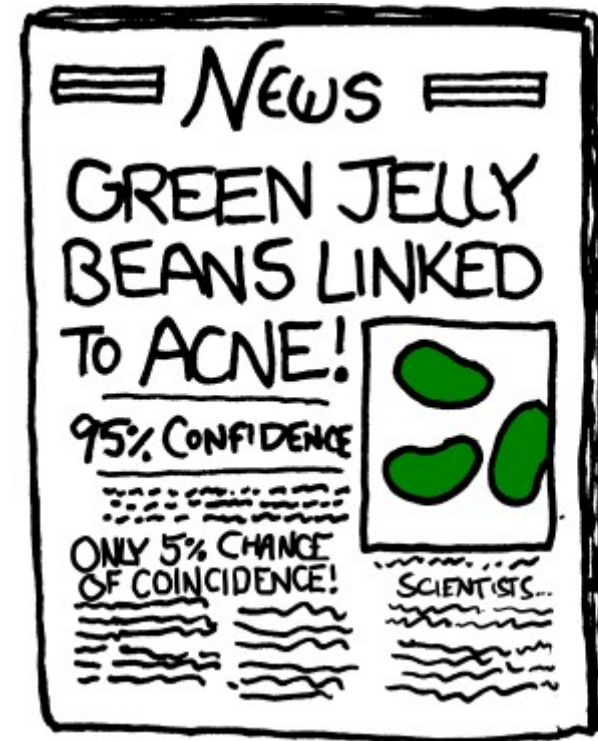
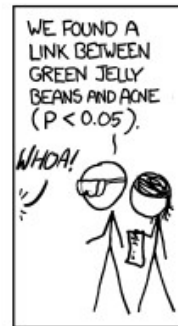






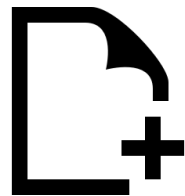
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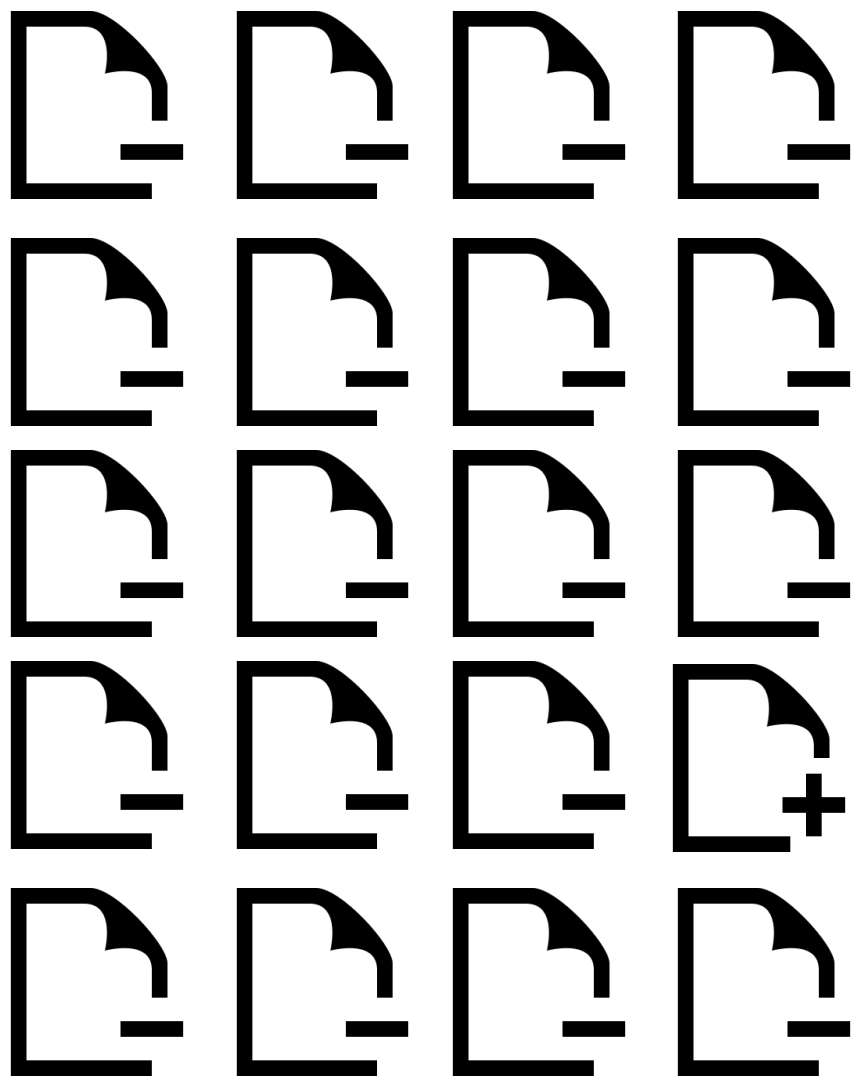


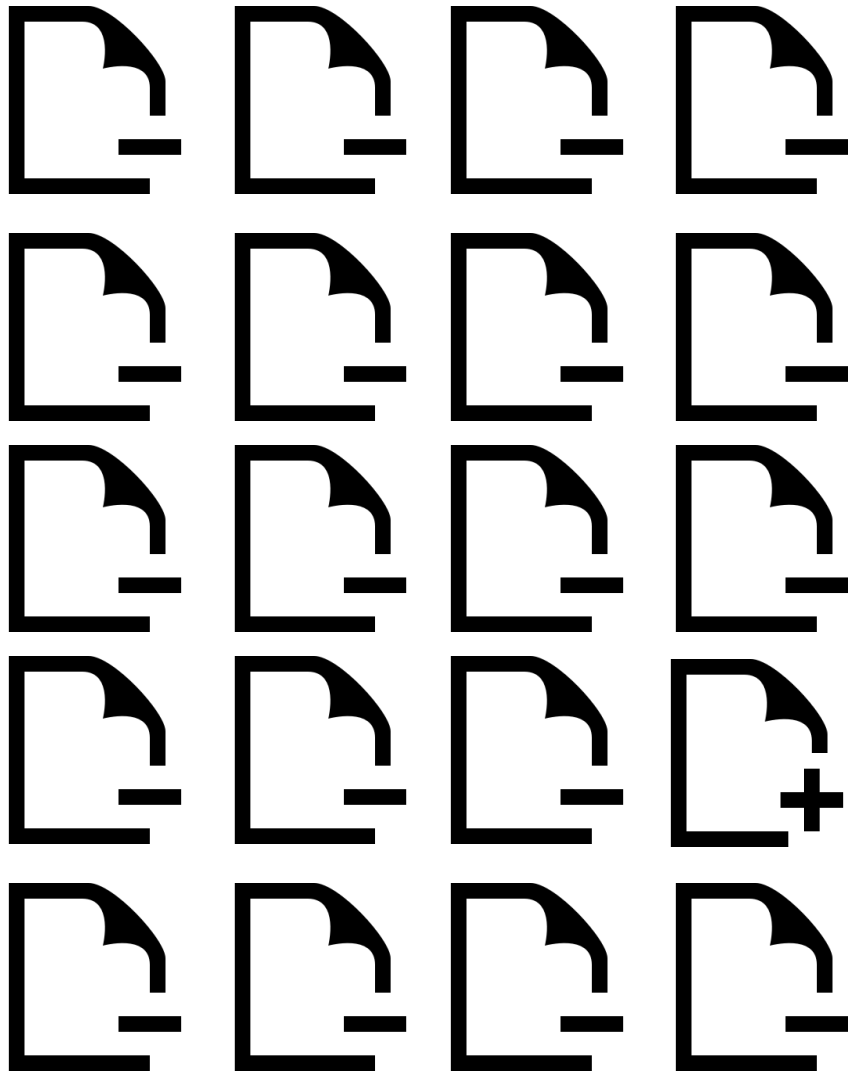


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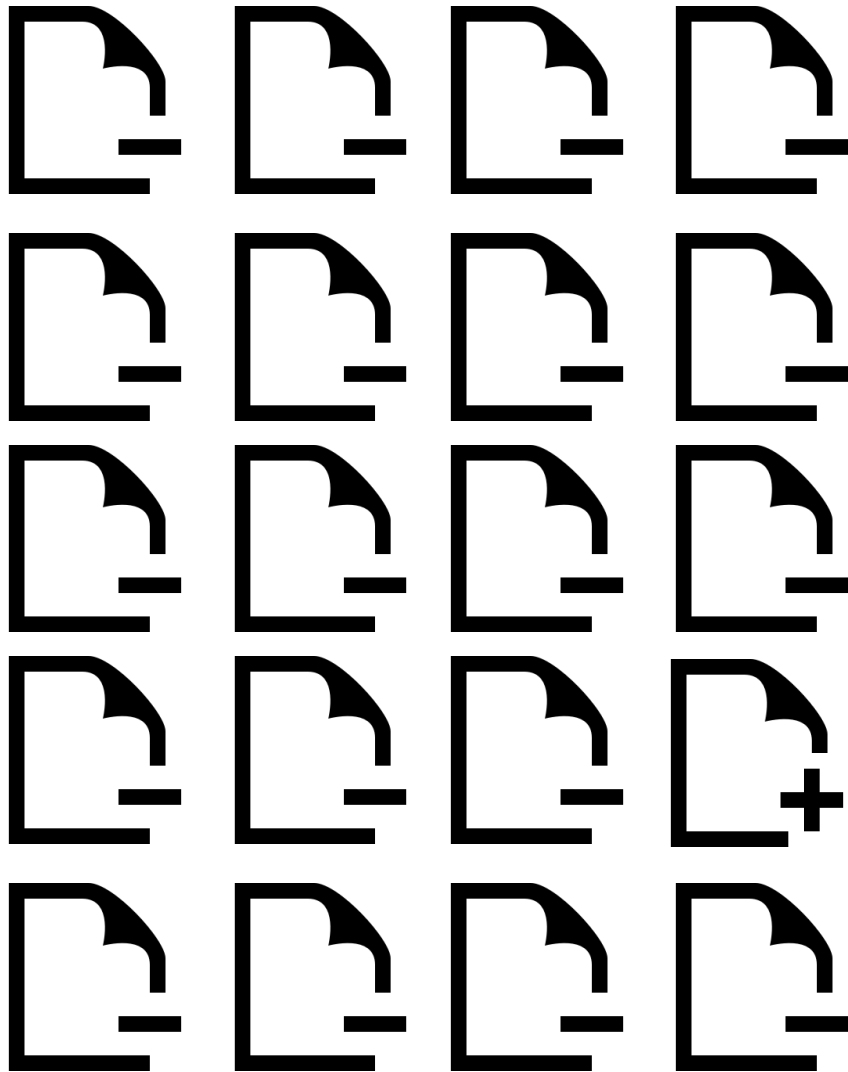






1. Niet efficient





1. Niet efficient
2. Selectief



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RESEARCH ARTICLE

Trial Publication after Registration in ClinicalTrials.Gov: A Cross-Sectional Analysis

Joseph S. Ross , Gregory K. Mulvey, Elizabeth M. Hines, Steven E. Nissen, Harlan M. Krumholz

Published: September 8, 2009 • <https://doi.org/10.1371/journal.pmed.1000144>



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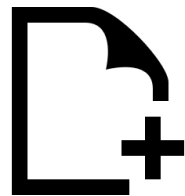
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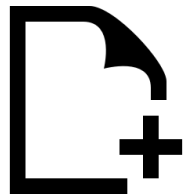


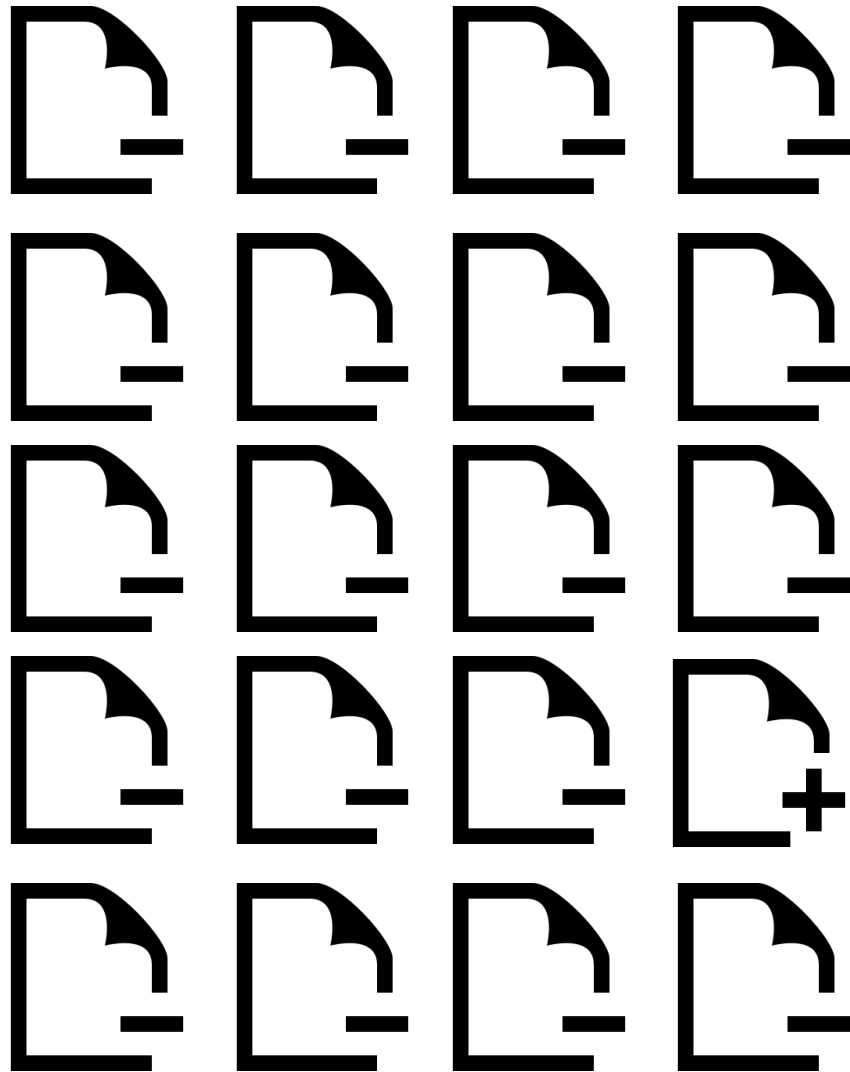
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Publication bias

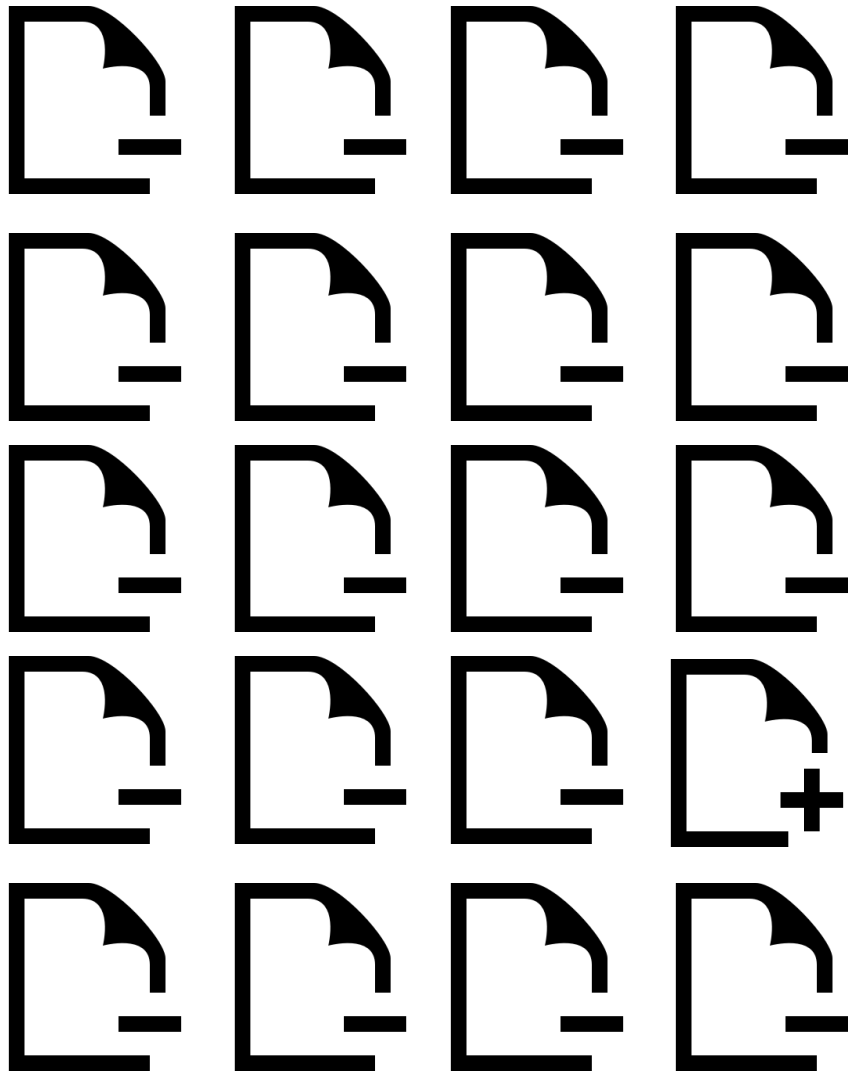
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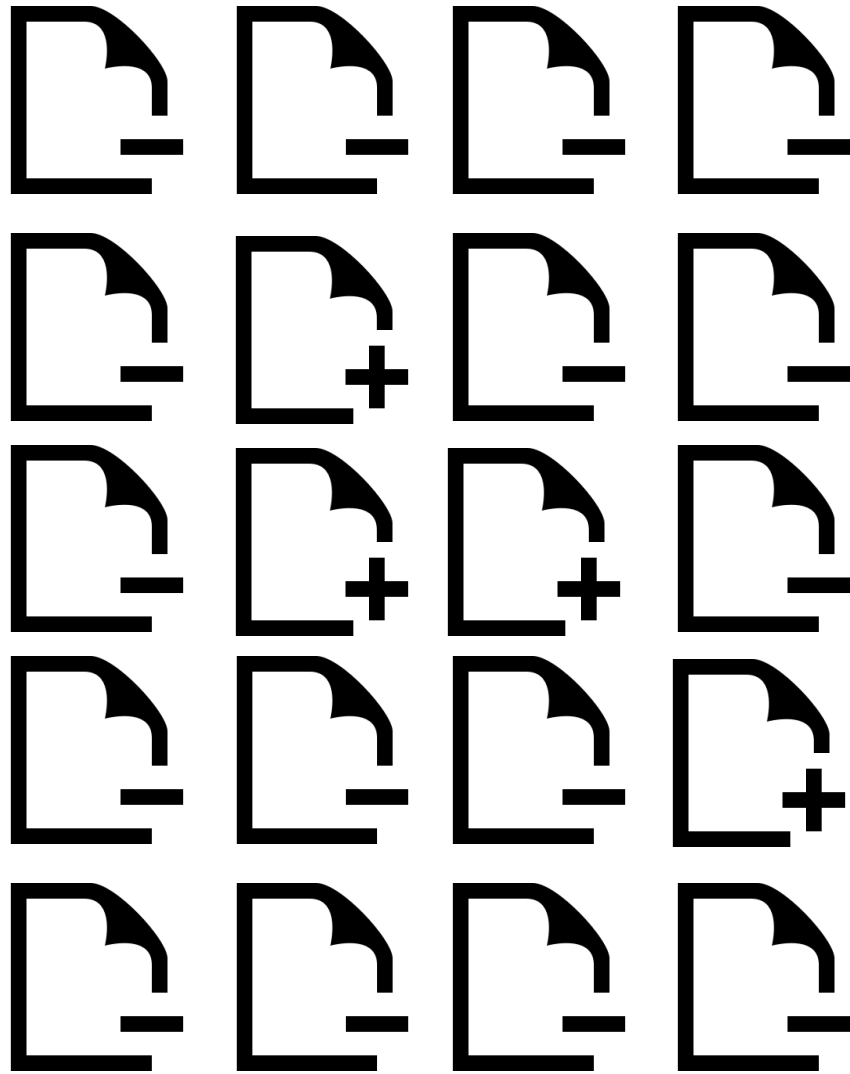
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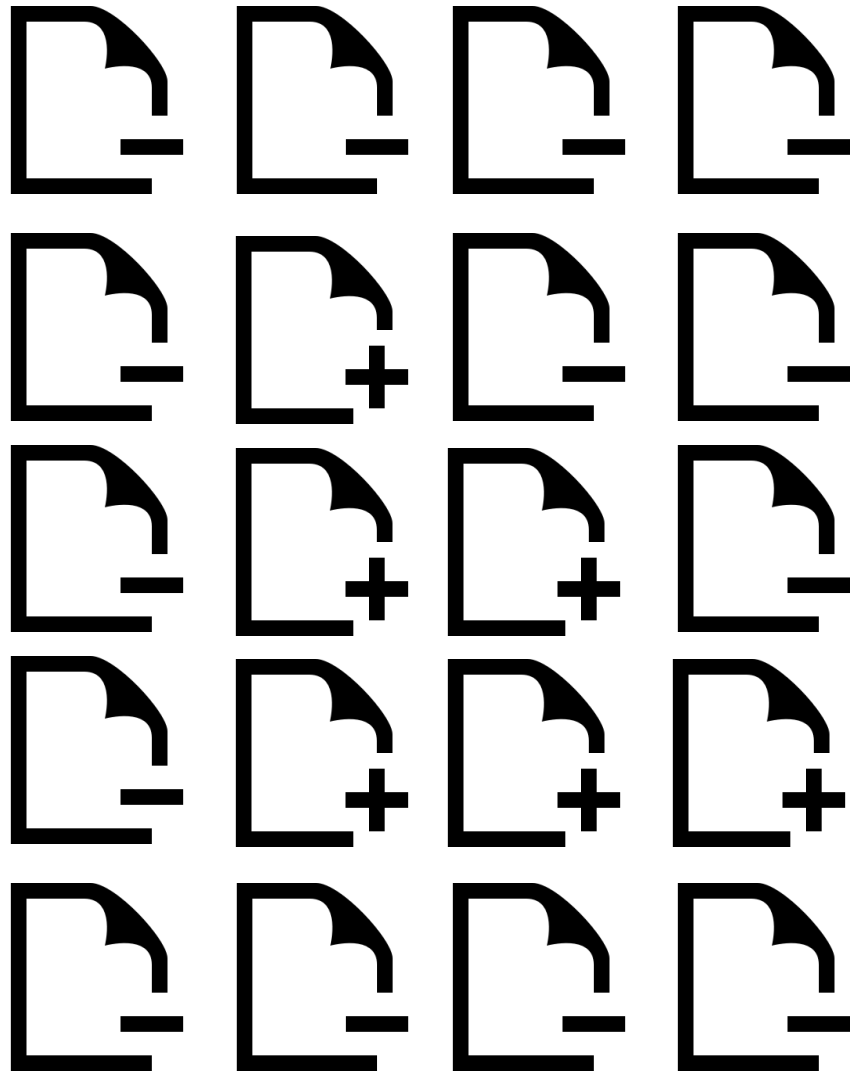
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3. P-hacking





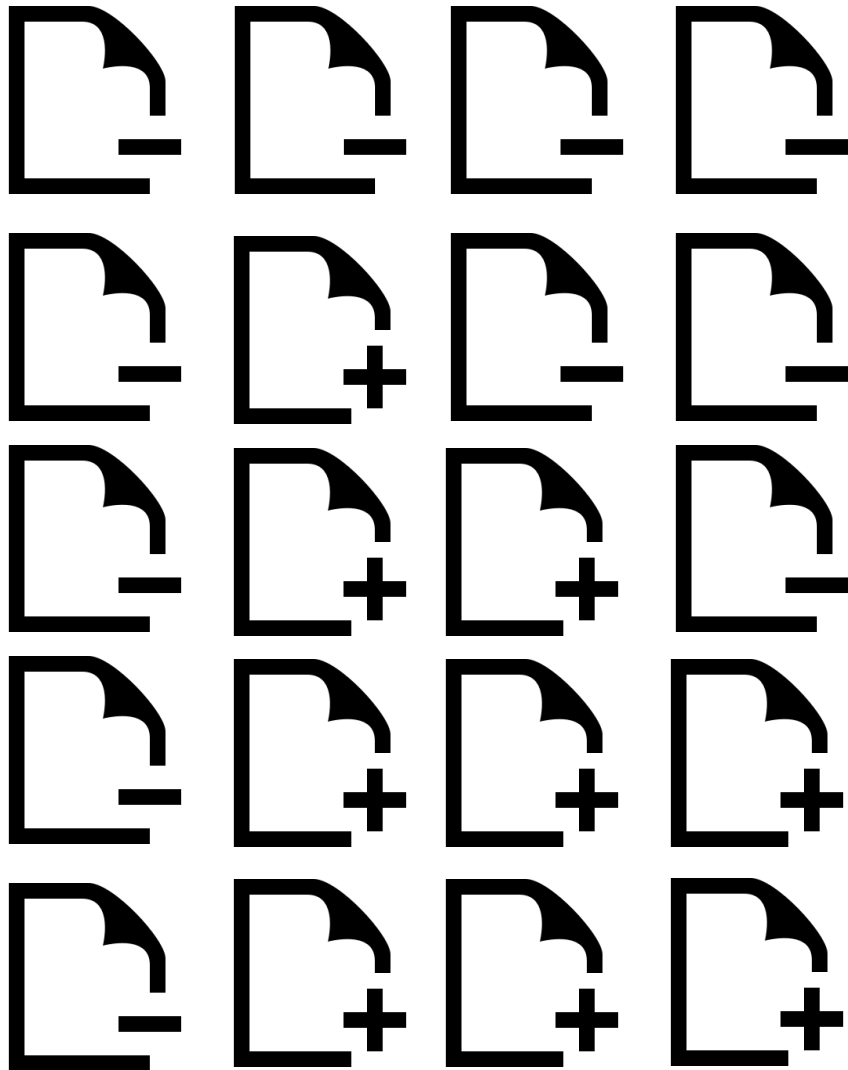
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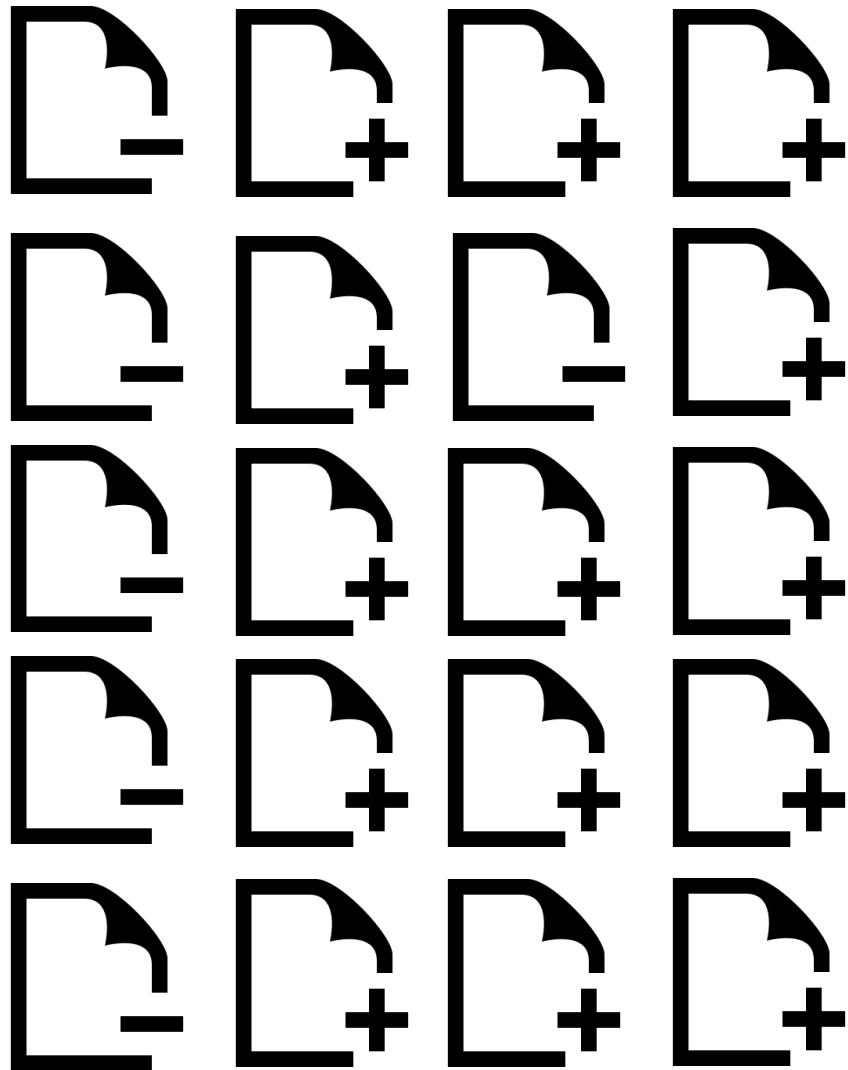
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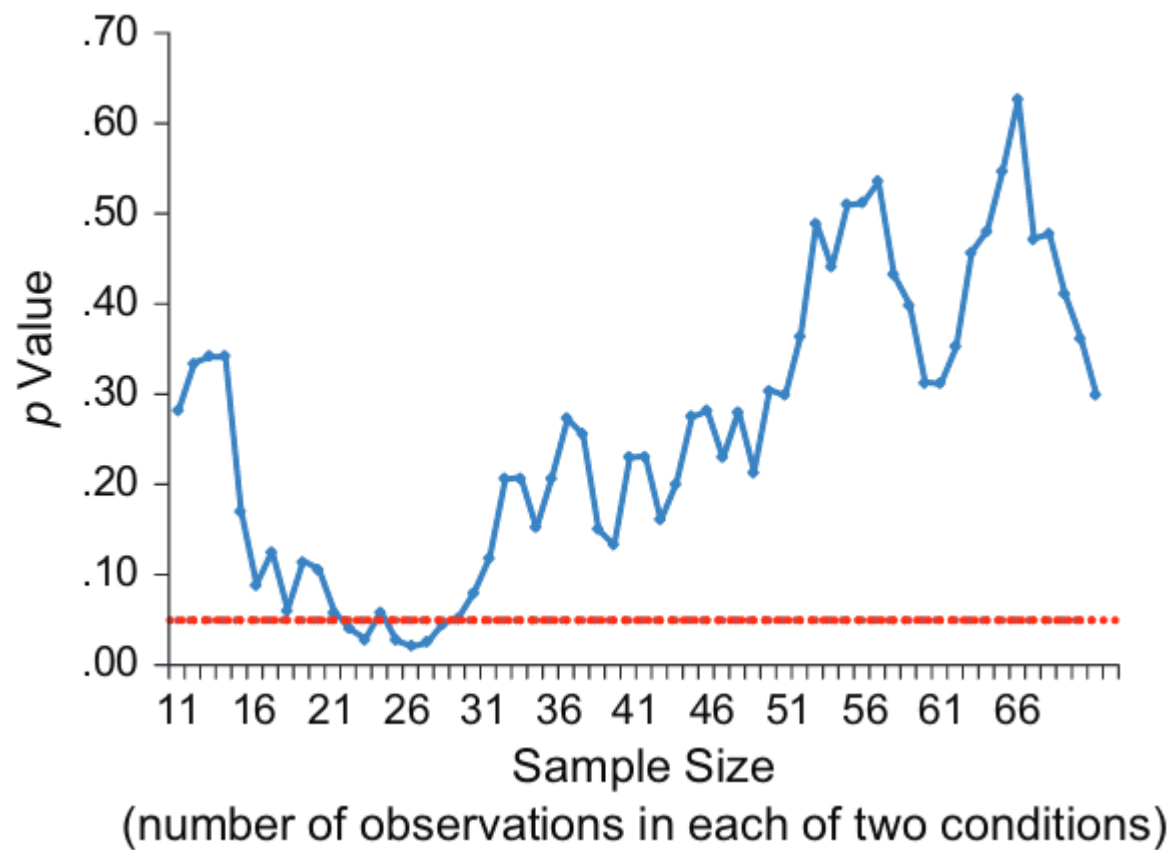
1. Niet efficient
2. Selectief
3. P-hacking





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2. Selectief
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Naief realisme

Als we het kunnen meten en observeren, moet het wel waar zijn



Resultaat

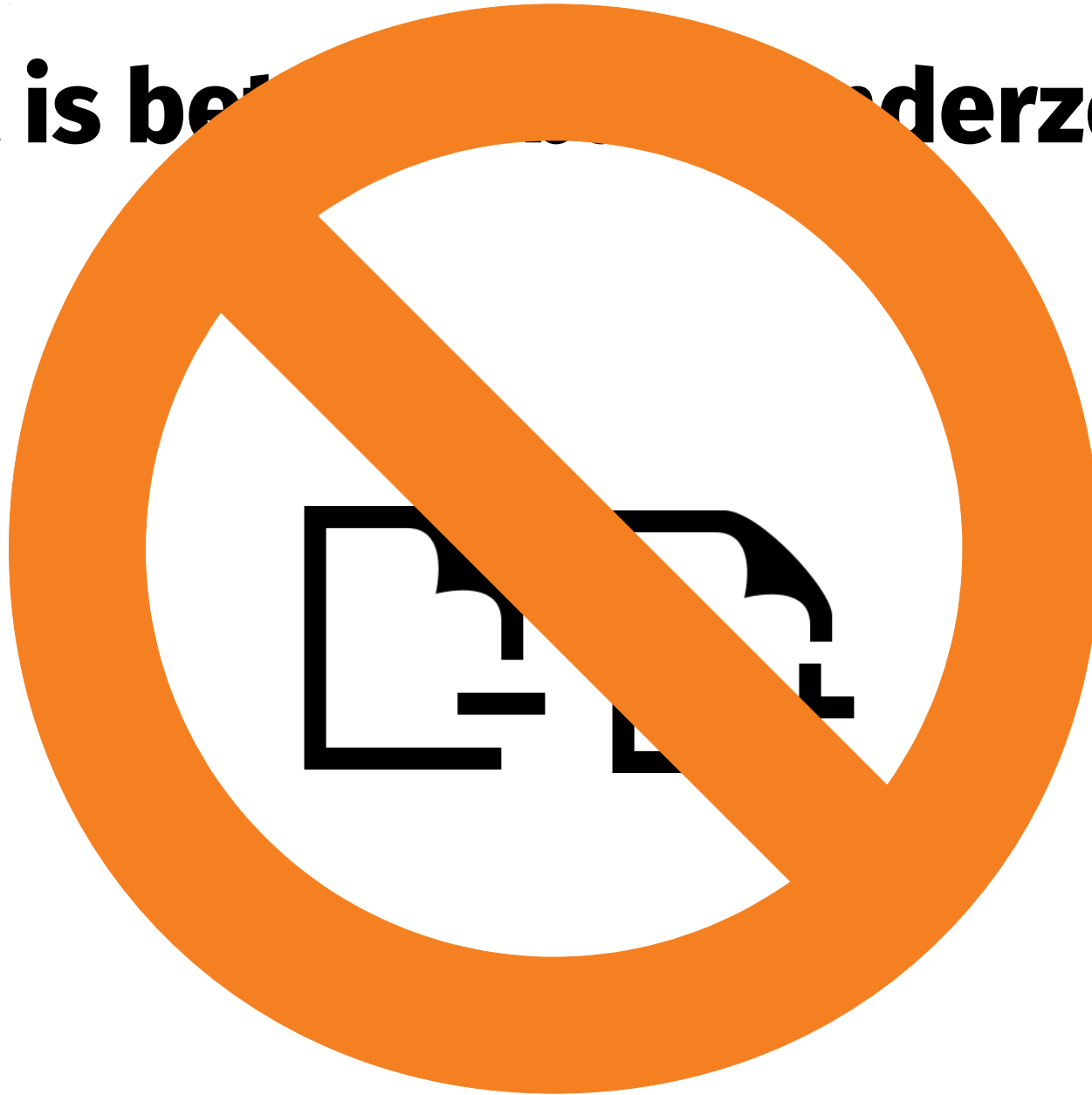
Evaluëren onderzoek op verkeerde
manier



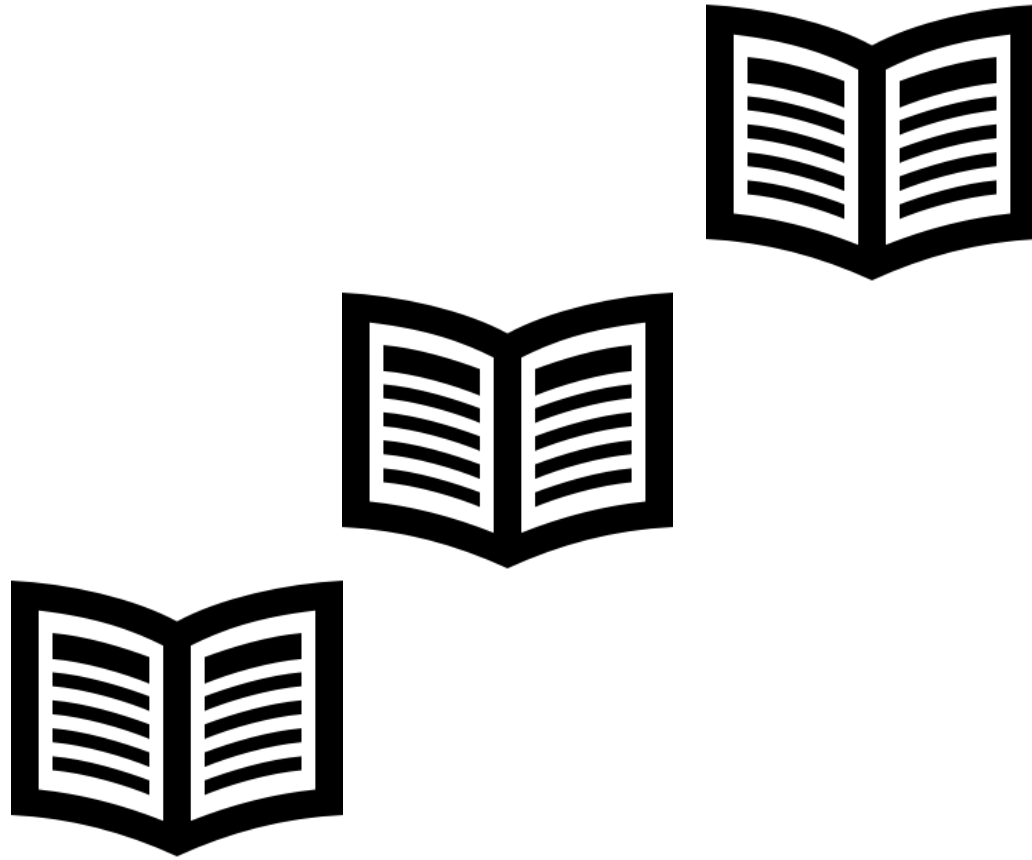
Wat is betrouwbaar onderzoek?



Wat is het belang van onderzoek?



Waar lees je het betere onderzoek?



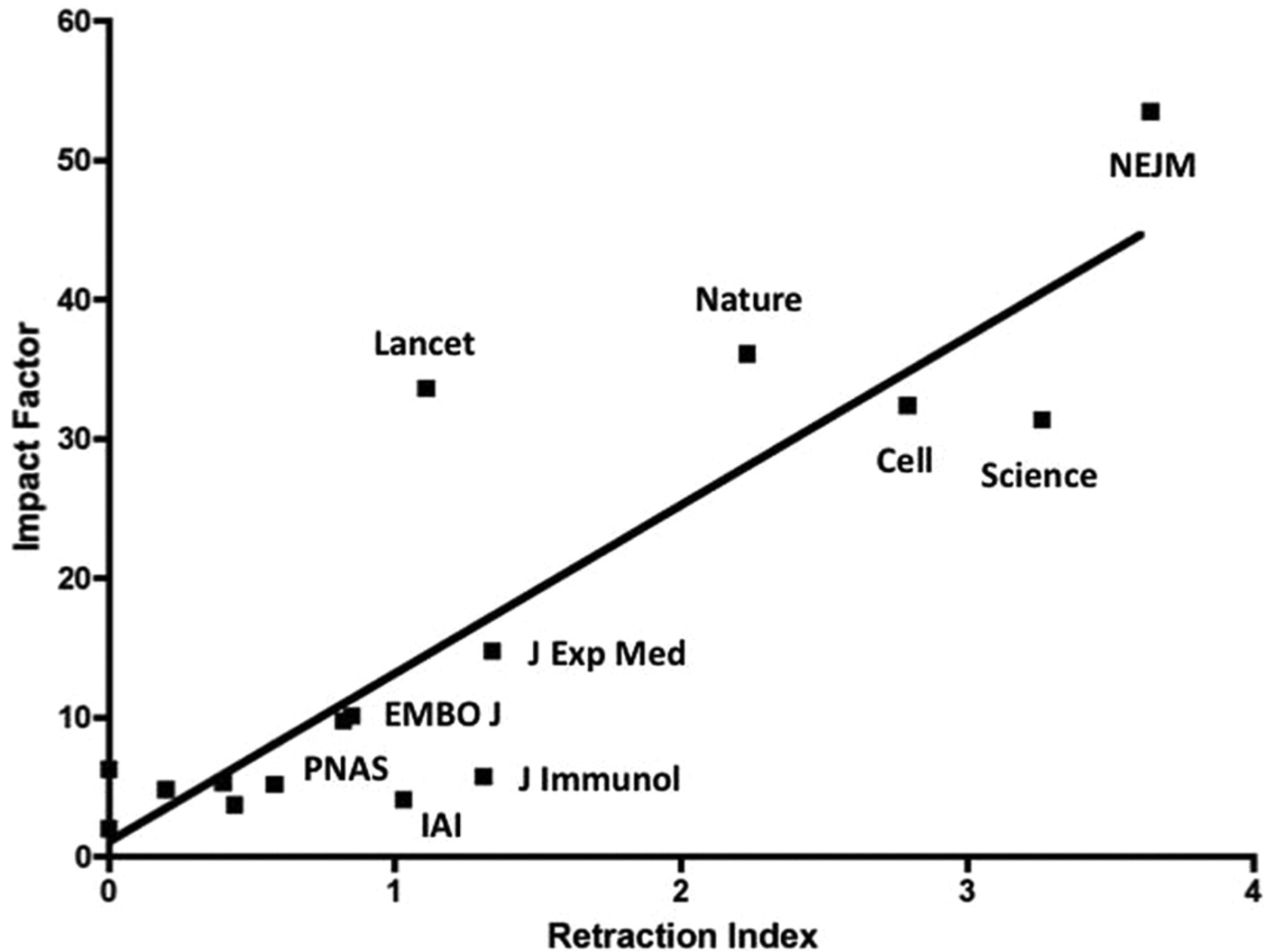
Waar lees je het betere onderzoek?

Science

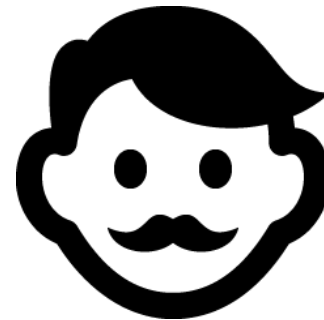


nature

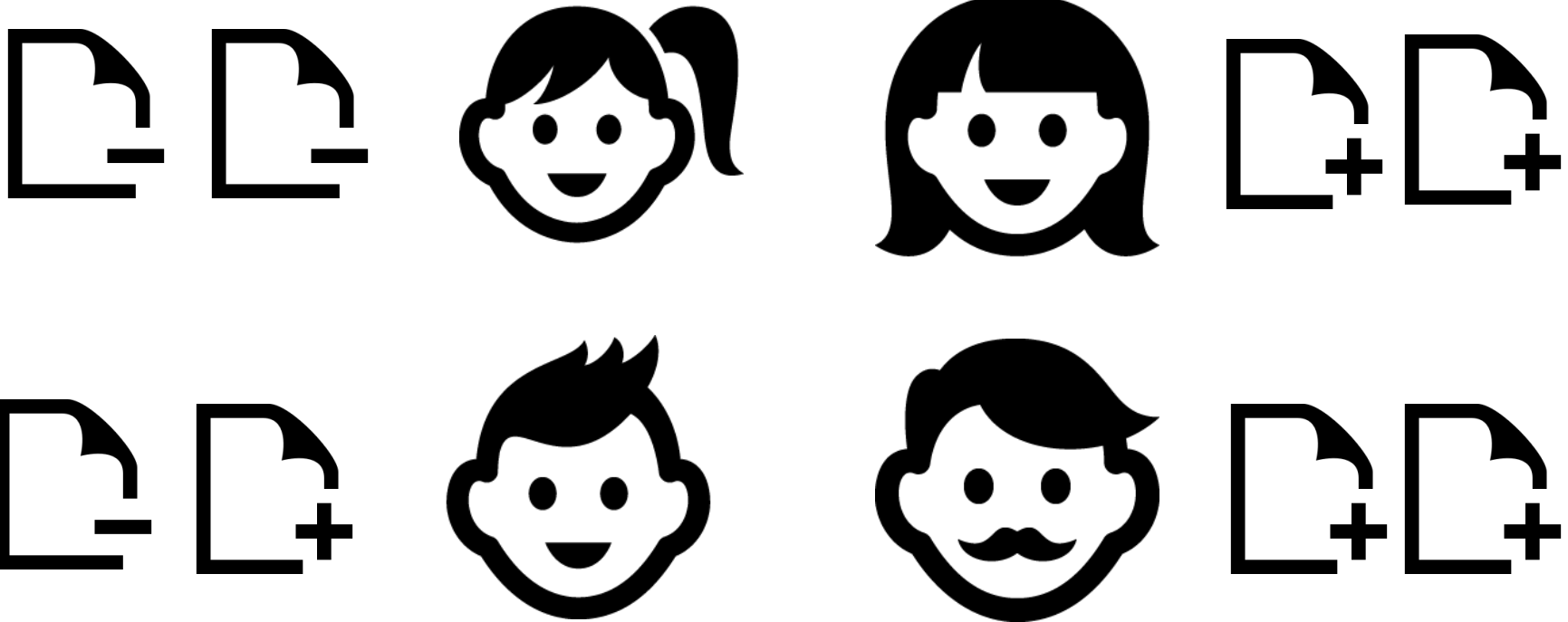




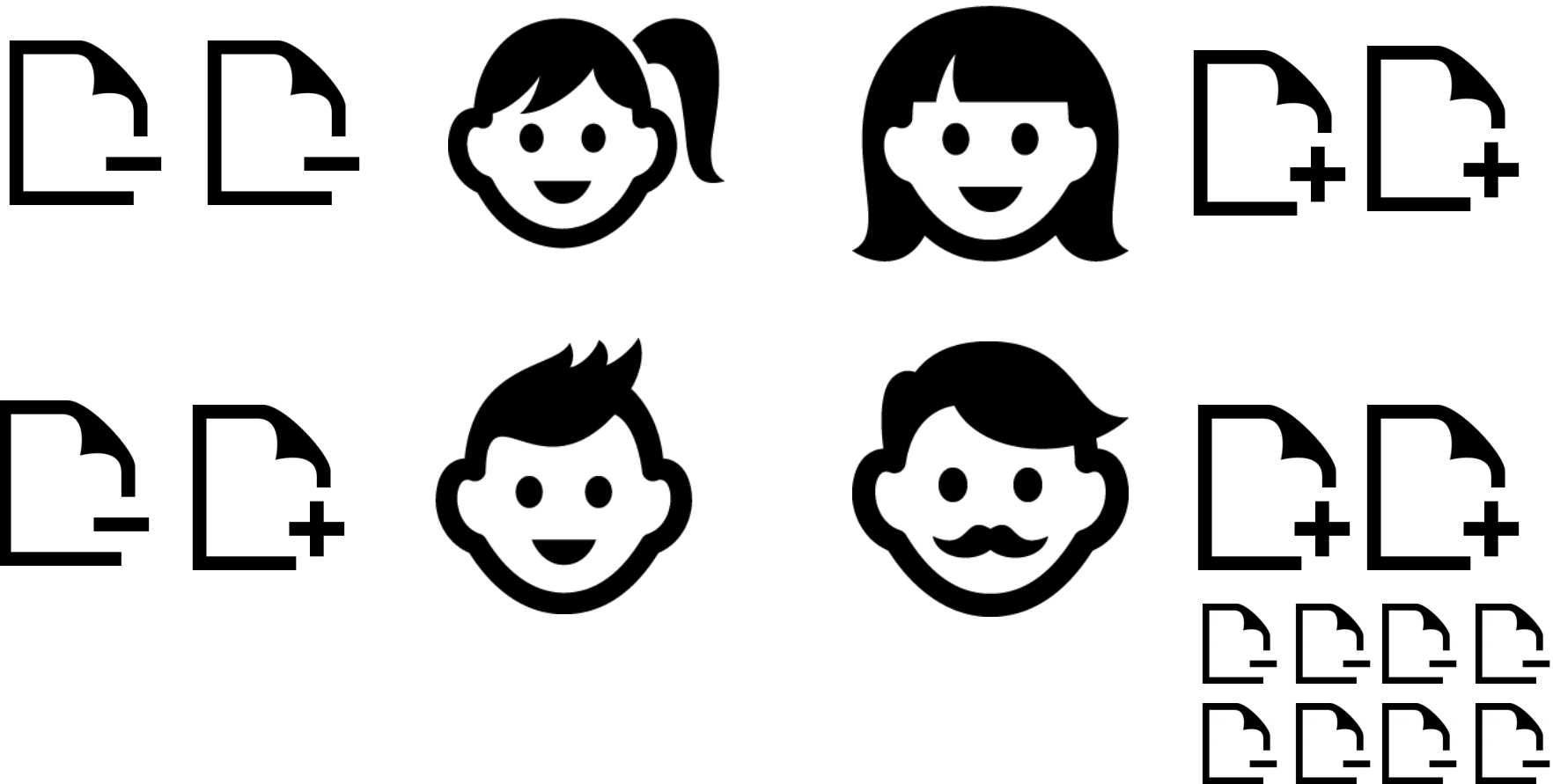
Wie is de betere onderzoeker?



Wie produceert de betere kennis?



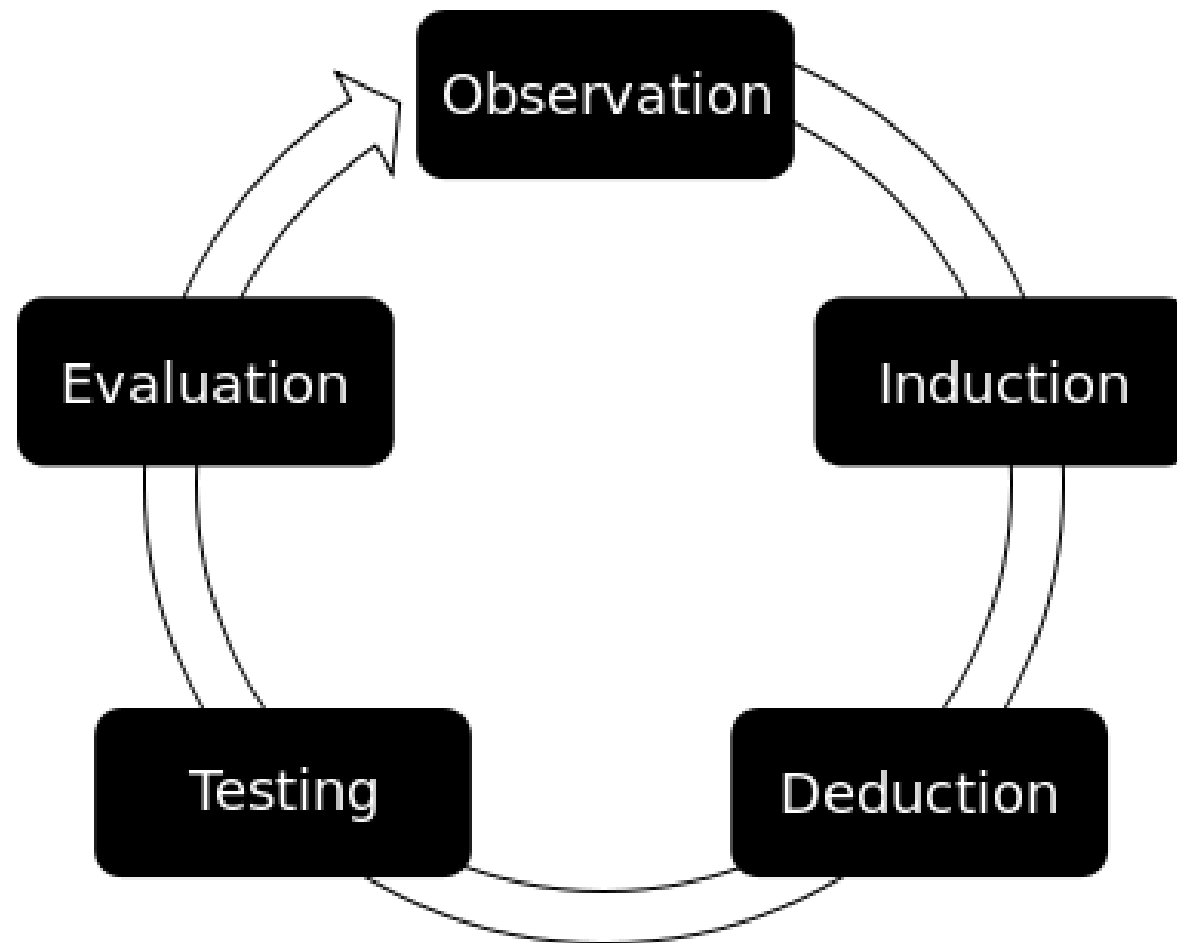
Wie produceert de betere kennis?

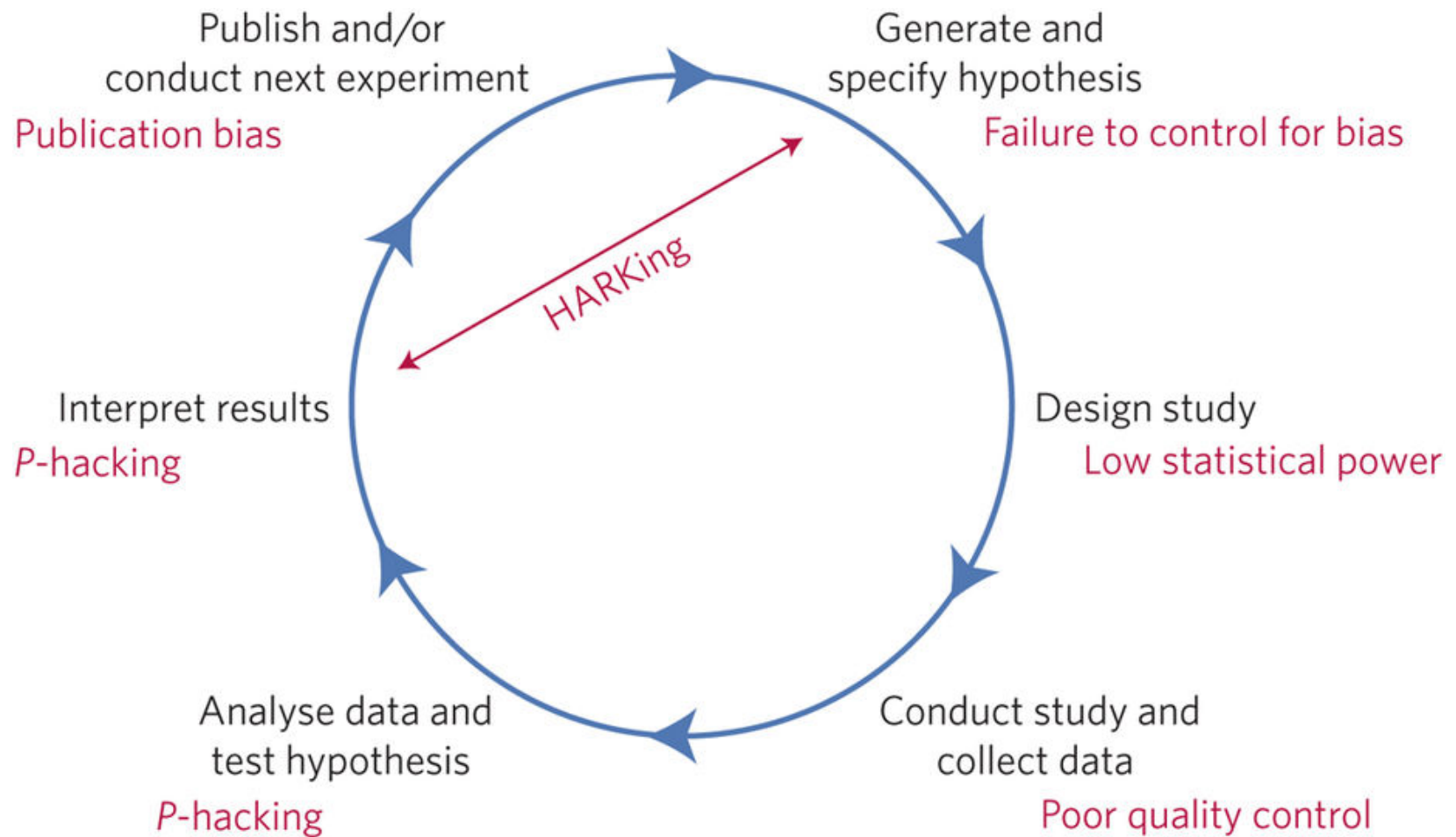


Oftewel

Wetenschapsevaluatie beïnvloed
geproduceerde kennis







Take aways

- Beoordeel onderzoek op methoden, niet resultaten
- Wees bewust van het feit dat professoren e.d. vaak niet bewust zijn van deze problemen
- Let op je menselijke falen als wetenschapper
- Wetenschap draait niet alleen om jou.

