

Deel 1

introductie en case studie

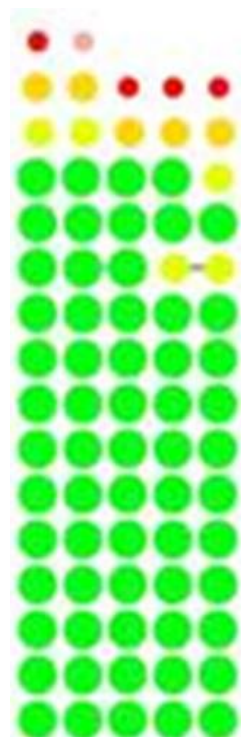
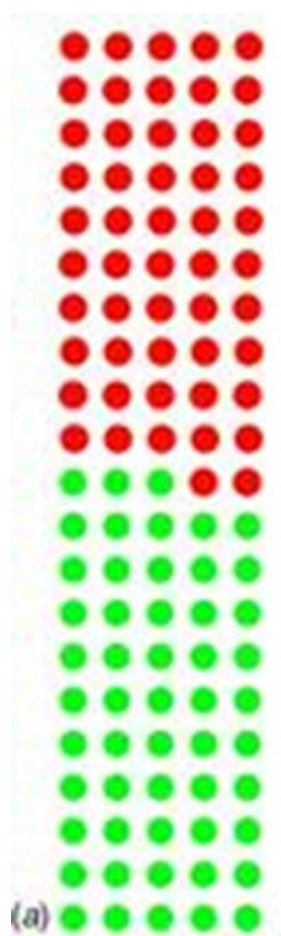
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Inhoud



Is de werkzaamheid van antidepressiva overschat als resultaat van publicatiebias?

- **Publicatiebias:** De vertekening (bias) die ontstaat als bij wetenschappelijk onderzoek de positieve resultaten wel, maar negatieve of onduidelijke resultaten niet gepubliceerd worden.

Bureau lade effect

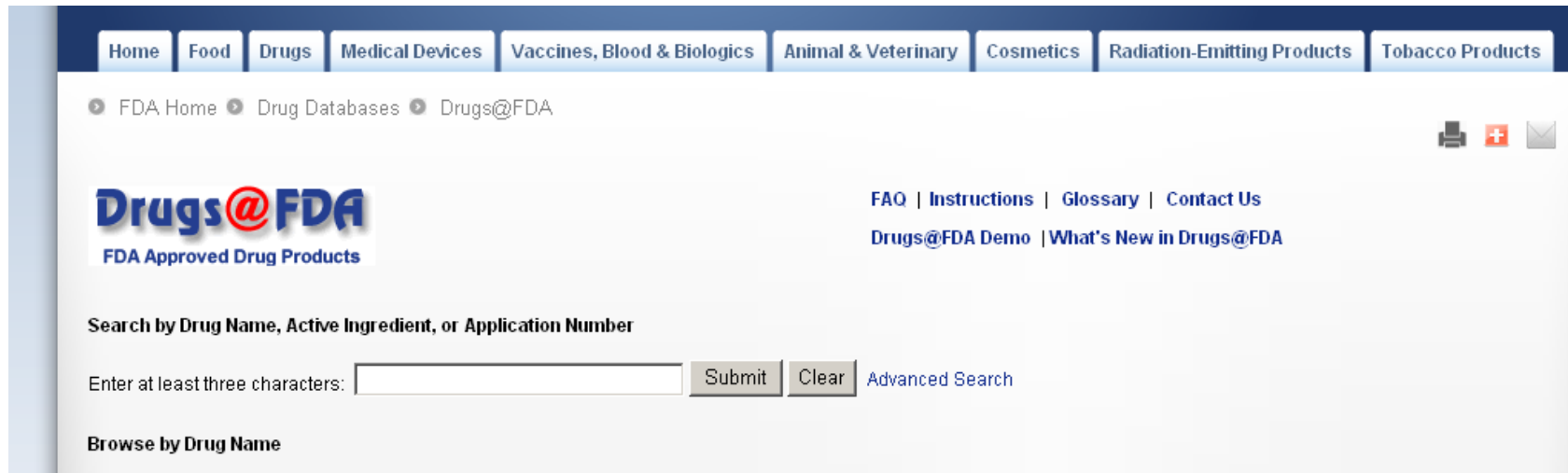


Verschillende vertekeningen

1. Studie publicatie bias (non-publicatie): Positieve studies vaker gepubliceerd.
2. Selectieve rapportage: Weglaten negatieve uitkomsten.
3. Spin: Misleidende manieren van rapporteren.
4. Citatiebias: Positieve studies worden vaker geciteerd.

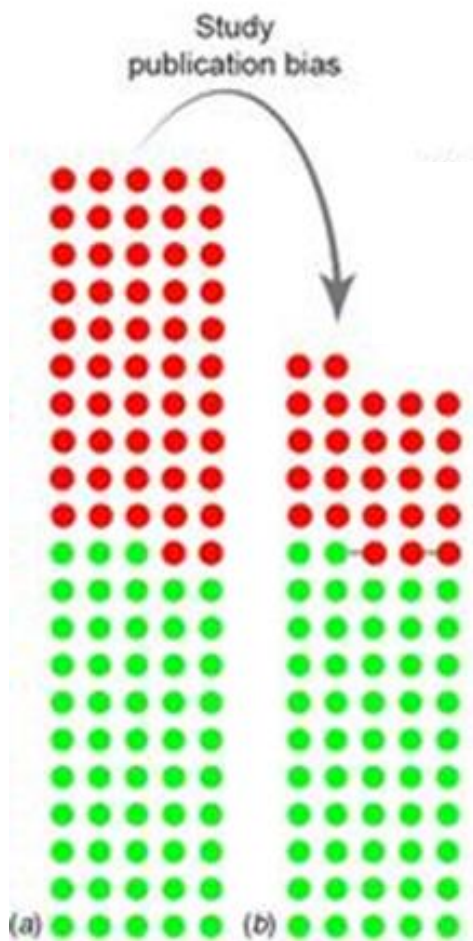
Methode:

- Food and Drug Administration (FDA) reviews
 - <http://www.accessdata.fda.gov/scripts/cder/drug/satfda/index.cfm>

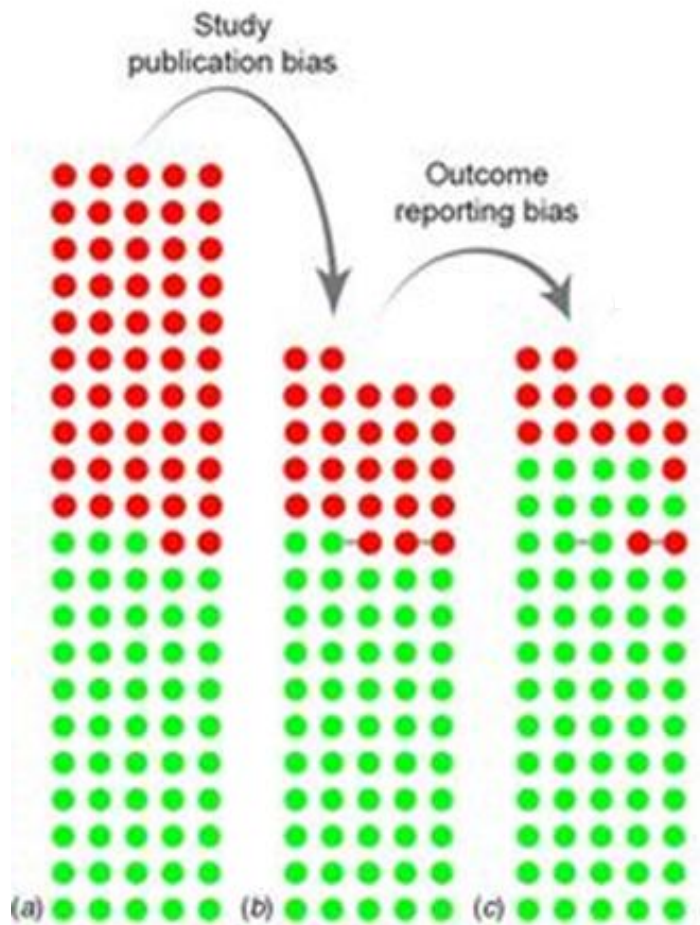


The screenshot shows the Drugs@FDA website interface. At the top, there is a navigation menu with tabs for Home, Food, Drugs, Medical Devices, Vaccines, Blood & Biologics, Animal & Veterinary, Cosmetics, Radiation-Emitting Products, and Tobacco Products. Below the menu, there is a breadcrumb trail: FDA Home > Drug Databases > Drugs@FDA. On the right side, there are icons for printing, a plus sign, and an email icon. The main content area features the Drugs@FDA logo, which includes the text "Drugs@FDA" in a stylized font and "FDA Approved Drug Products" below it. To the right of the logo, there are links for "FAQ | Instructions | Glossary | Contact Us" and "Drugs@FDA Demo | What's New in Drugs@FDA". Below the logo, there is a search section with the text "Search by Drug Name, Active Ingredient, or Application Number". A search input field is present with the placeholder text "Enter at least three characters:". To the right of the input field are "Submit" and "Clear" buttons, and a link for "Advanced Search". At the bottom left, there is a link for "Browse by Drug Name".

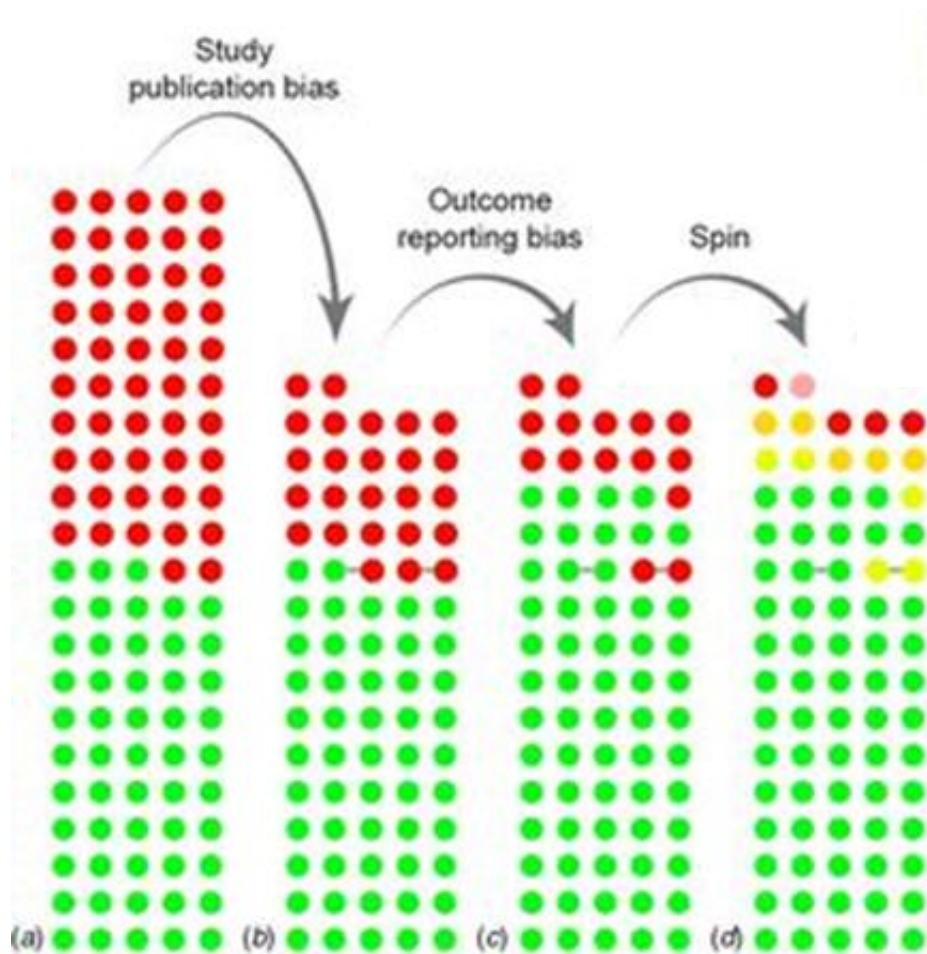
Studie publicatie bias



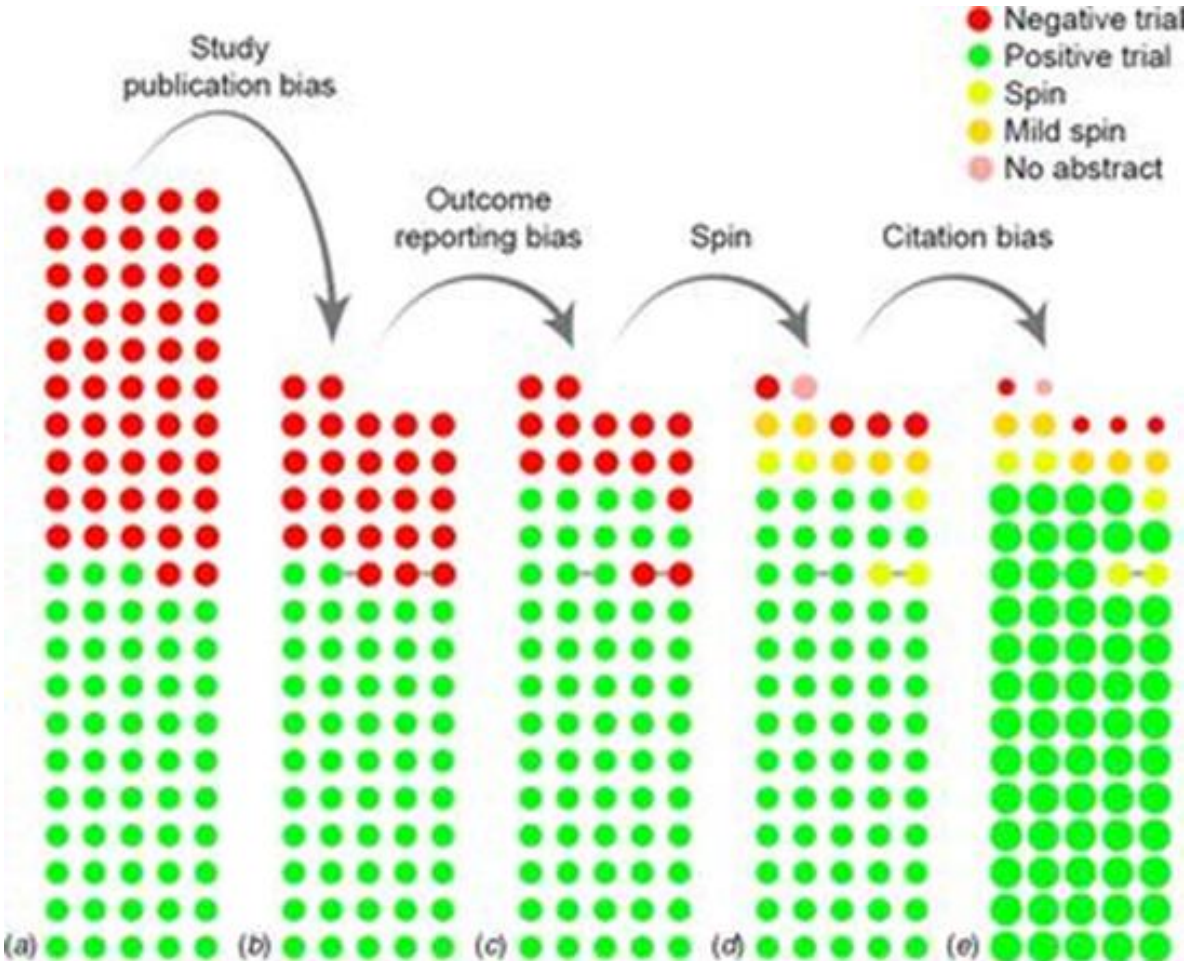
Selectieve rapportage



Spin, misleading in samenvatting



Citation bias



Samenvatting

- Verschillende vertekeningen hebben een accumulerend effect op de schijnbare werkzaamheid van antidepressiva.

Specifiek probleem?

Scientometrics (2012) 90:891–904
DOI 10.1007/s11192-011-0494-7

**Negative results are disappearing from most disciplines
and countries**

Daniele Fanelli

Toekomst

- (meer) Betrouwbaar onderzoek naar werkzaamheid antidepressiva
 - Welke groepen patiënten hebben het meeste baat bij medicatie?
 - Langetermijneffecten
- Openbare data farmaceutische industrie
 - European Medicines Agency
 - Clinical Study Data Request

Editorial

Cite this article: de Vries YA, Roest AM, de Jonge P, Cuijpers P, Munafò MR, Bastiaansen JA (2018). The cumulative effect of reporting and citation biases on the apparent efficacy of treatments: the case of depression. *Psychological Medicine* 1–3. <https://doi.org/10.1017/S0033291718001873>

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The cumulative effect of reporting and citation biases on the apparent efficacy of treatments: the case of depression

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