

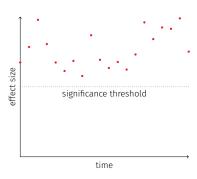
Weight of Statistical Evidence

Detection and Correction of Publication Bias

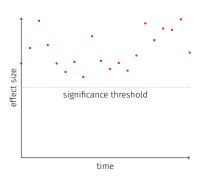
Servan Grüninger Zurich, November 29th 2019

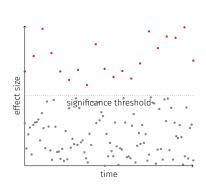
EBPhD Admission Interview

Publication bias—why care?



Publication bias—why care?





1. Make evidence comparable



- 1. Make evidence comparable
- 2. Detect publication bias

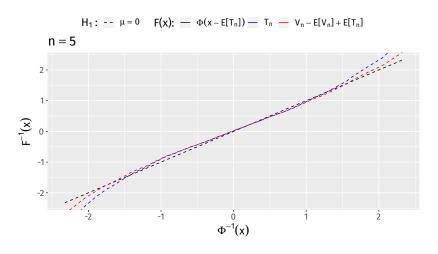


- 1. Make evidence comparable
- 2. Detect publication bias
- 3. Correct publication bias

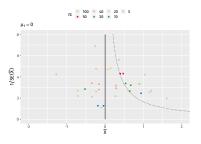


Goal 1: Make evidence comparable

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• The funnel plot



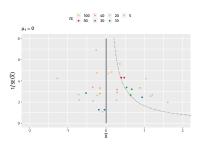
- · The funnel plot
- · File drawer calculation



- · The funnel plot
- · File drawer calculation
- The calliper test



· Trim-and-fill



- · Trim-and-fill
- Reweight by publication probability



- · Trim-and-fill
- Reweight by publication probability
- Maximise truncated likelihood

