

Weight of Statistical Evidence

Detection and Correction of Publication Bias

Servan Grüninger Zurich, November 29th 2019

EBPhD Admission Interview

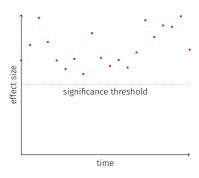
The Woozle effect



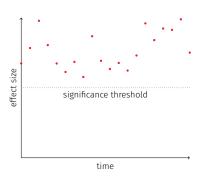
Pooh and Piglet tracking down the elusive Woozle (Image: Ernest H. Shepard)

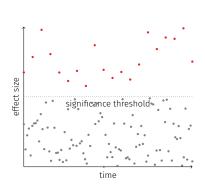
1

The Woozle effect—why care?



The Woozle effect—why care?





Three objectives

1. Make evidence comparable



Three objectives

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



Three objectives

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



Coming Full Circle



Fighting publication bias is like hunting the Woozle—all too often it forces you to go in circles