

Change the point on page 9 just before the heading **Closed form approach** to

- for the bias in favor for estimation: generate a sample $\psi_{01}, \dots, \psi_{0N^*} \sim \pi_{\Psi}$, compute for each

$$M(RB_{\Psi}(\psi_{0i} | \bar{x}, \bar{y}) \geq 1 | \psi_{0i} + \delta),$$

$$M(RB_{\Psi}(\psi_{0i} | \bar{x}, \bar{y}) \geq 1 | \psi_{0i} - \delta)$$

and average each over the ψ_{0i} values and then the bias in favor for estimation is the maximum of these two averages

- note that the first of these is the prior probability that when the true value is $\psi_{0i} + \delta$ the just meaningfully false value ψ_{0i} does not have evidence against it or, in other words, this false value is not in the implausible region (the set of ψ values for which there is evidence against) and similarly for the second expression

- the average of the first quantity over $\psi_{01}, \dots, \psi_{0N^*} \sim \pi_{\Psi}$ is estimating the prior probability that evidence against a just meaningfully false value (on the negative side) is not obtained