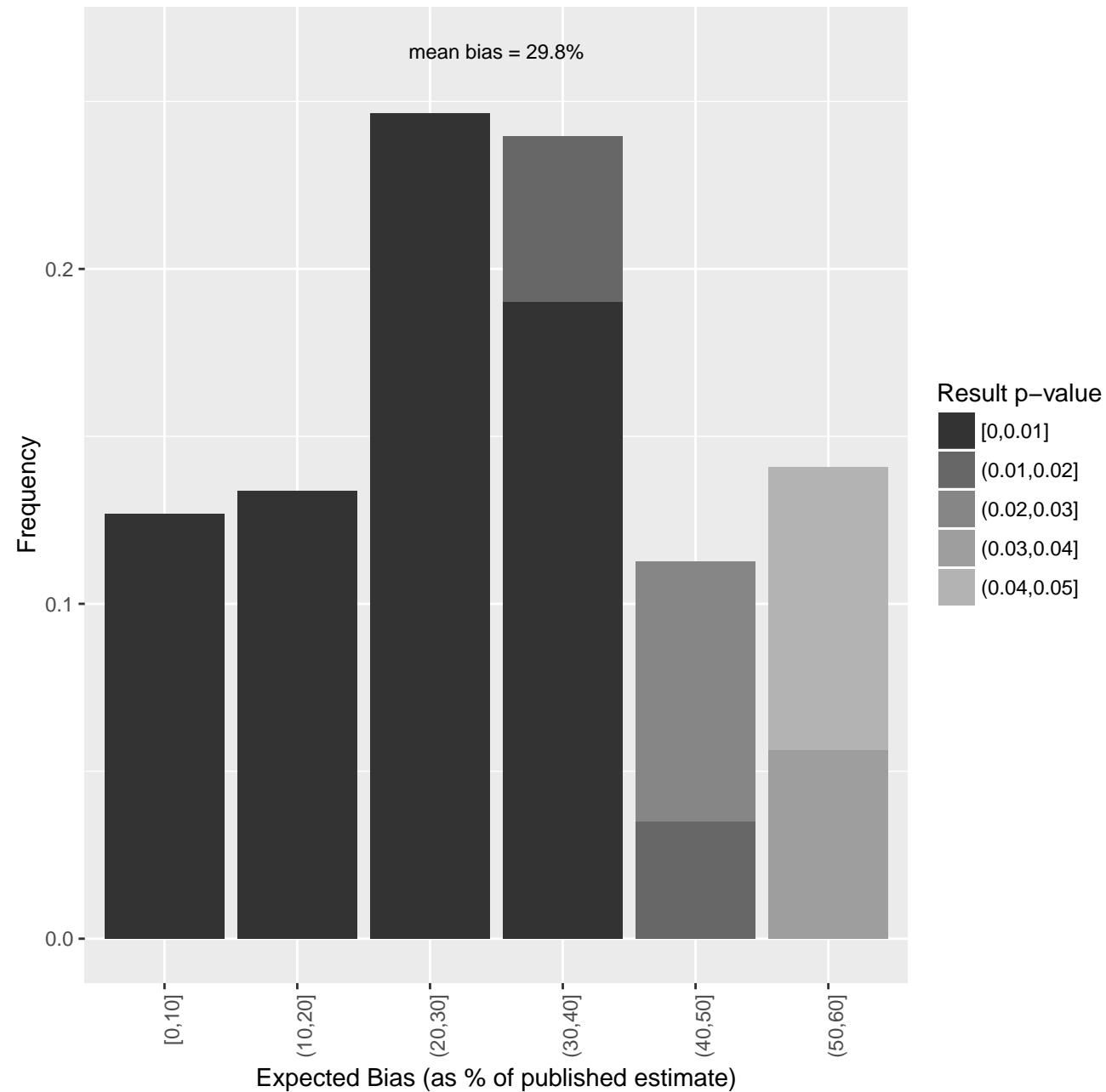
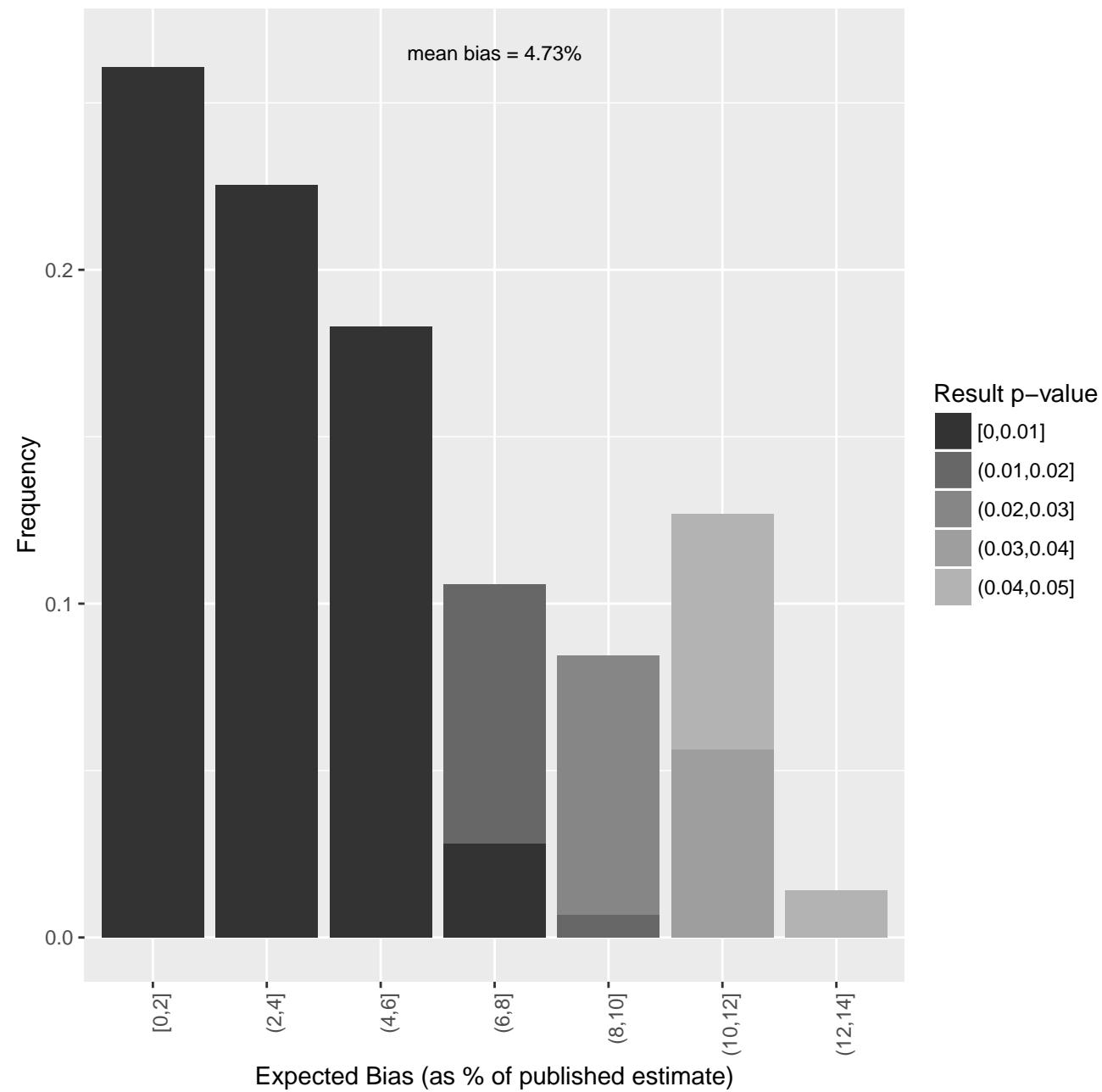


baseline 10% chance of non-zero relationship

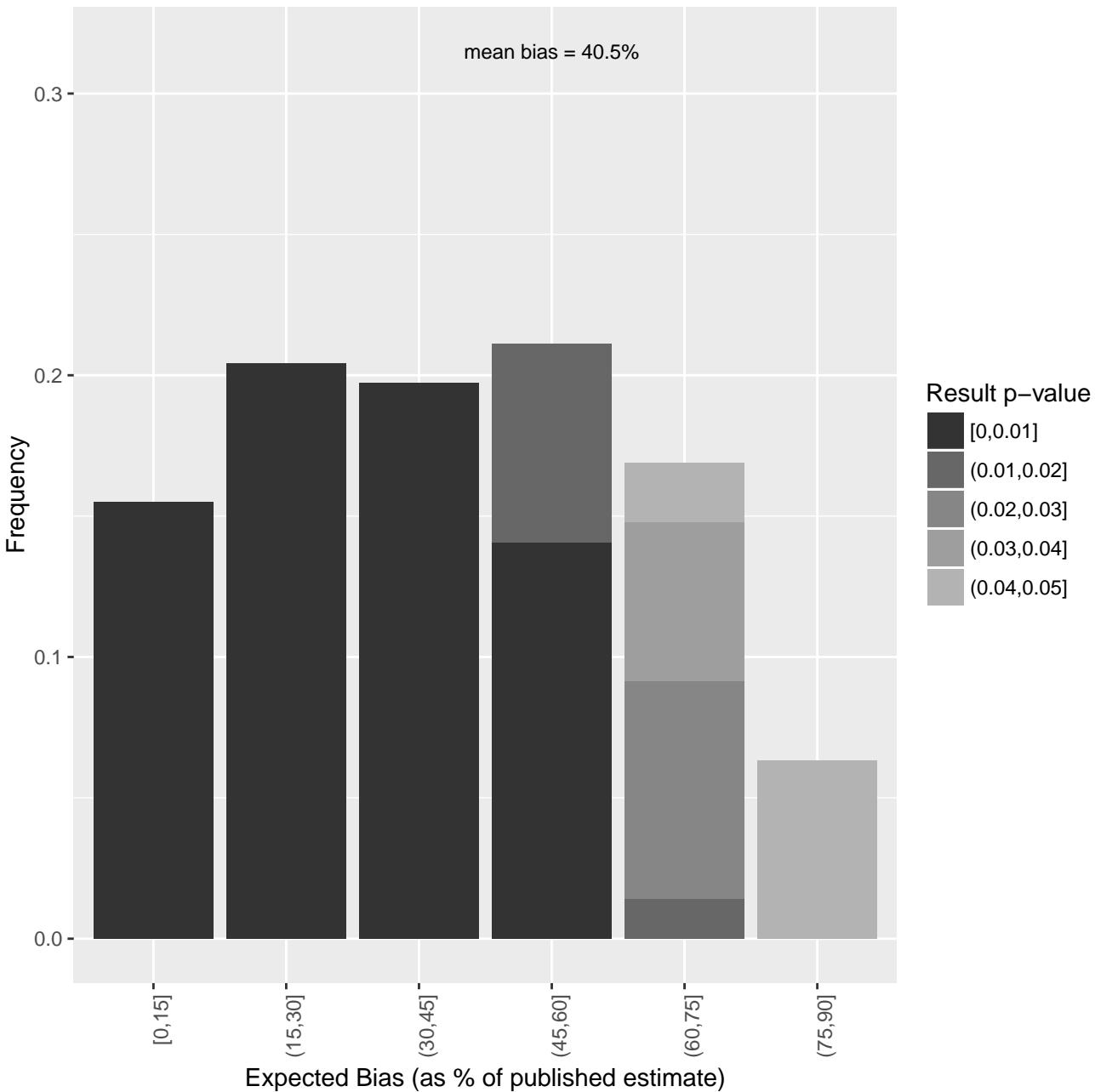
mean bias = 29.8%



baseline 100% chance of non-zero relationship

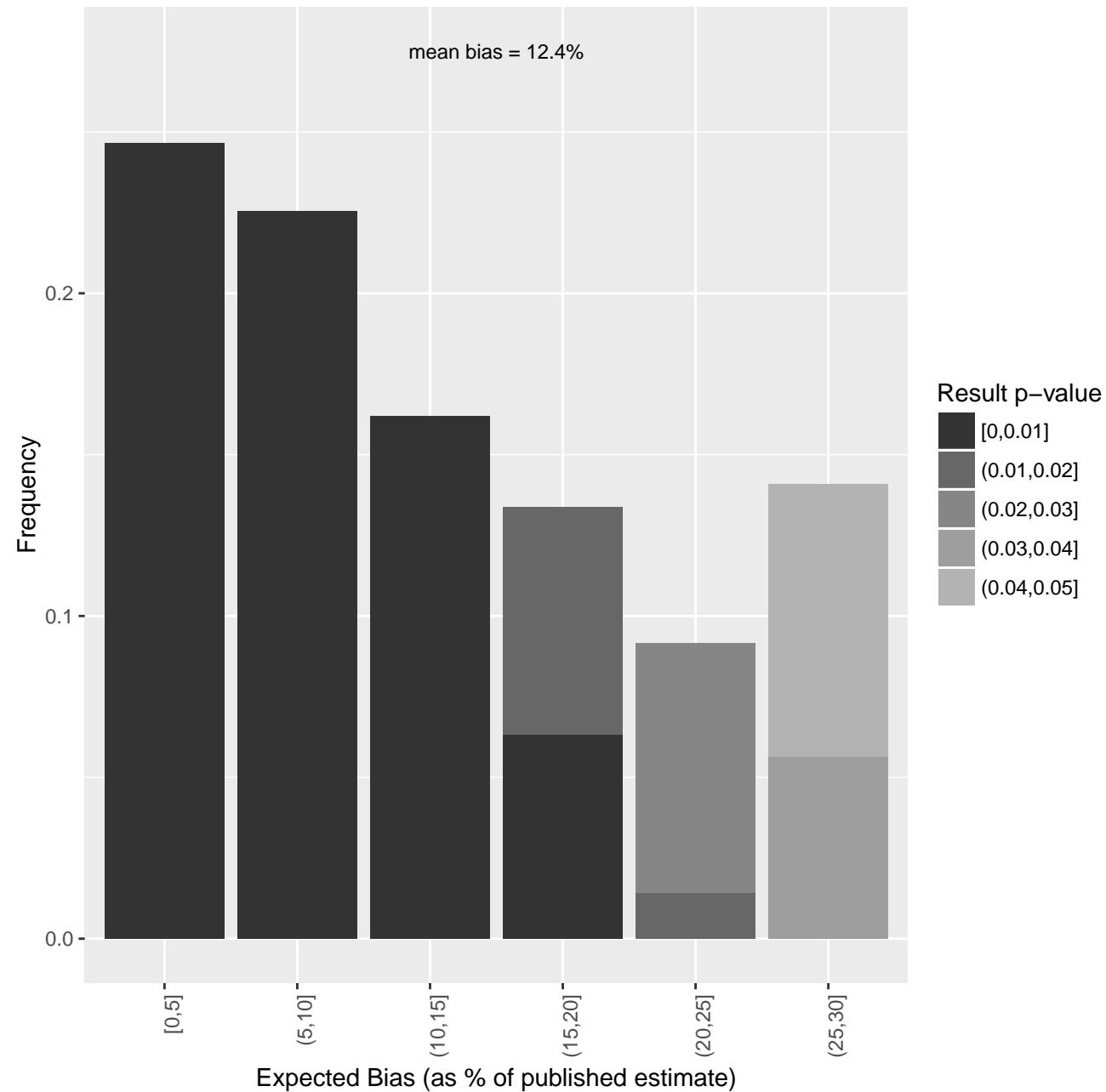


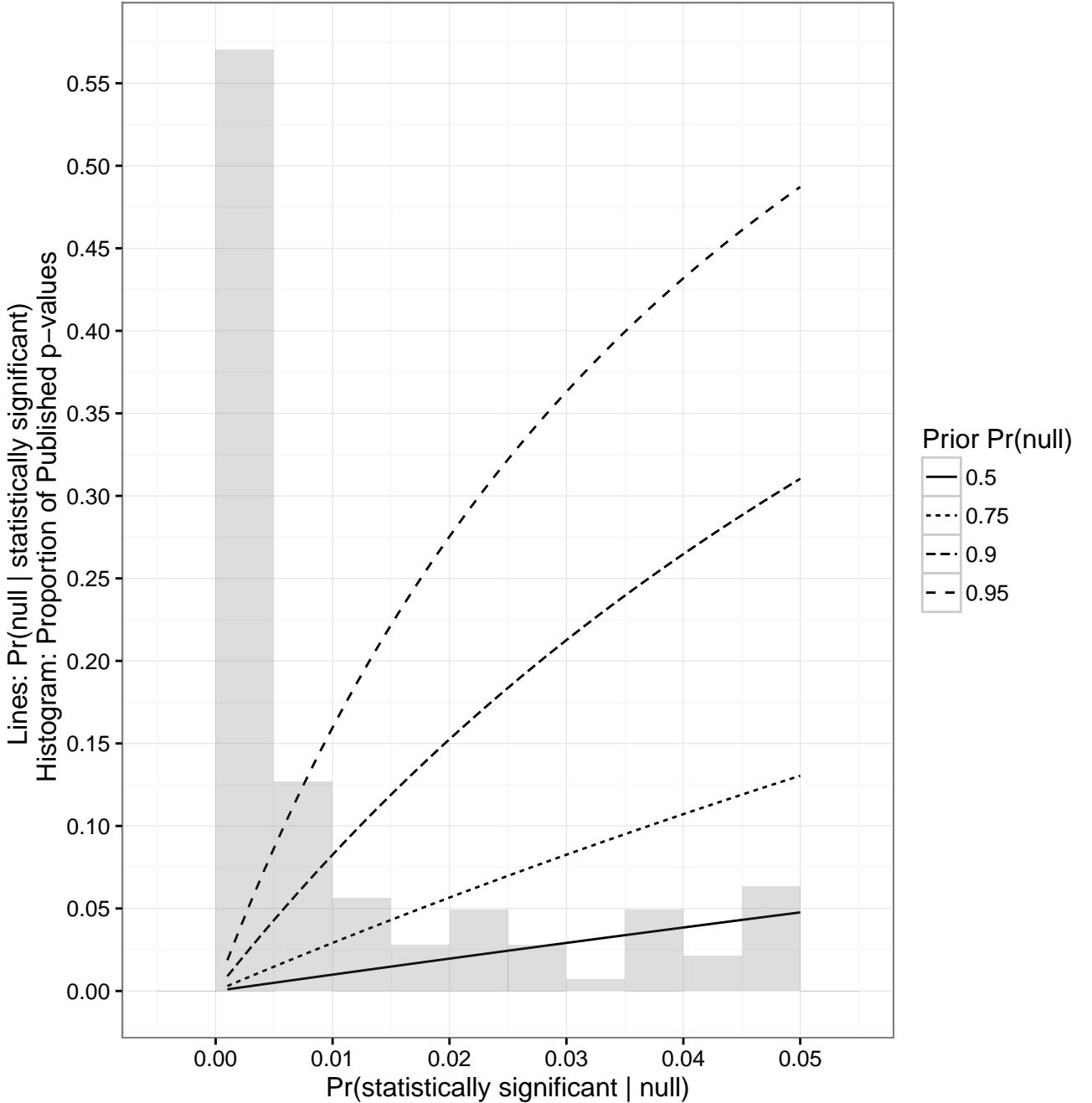
baseline 10% chance of non-zero relationship



baseline 100% chance of non-zero relationship

mean bias = 12.4%





— $E[\text{beta estimate} \mid \text{true beta}]$ - - - $E[\text{true beta} \mid \text{beta estimate}]$

