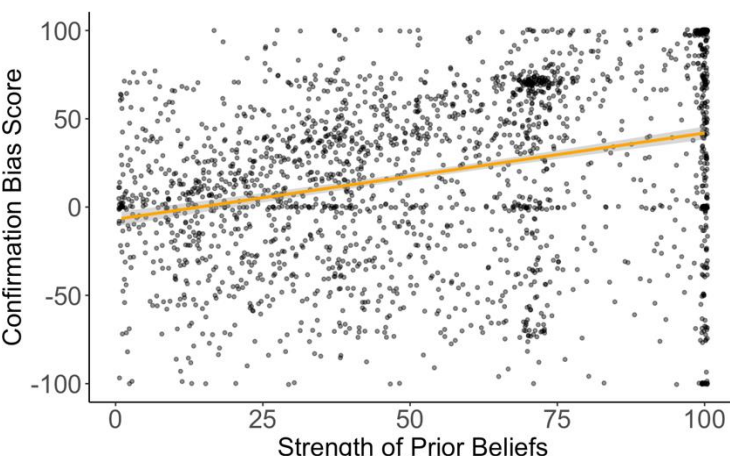


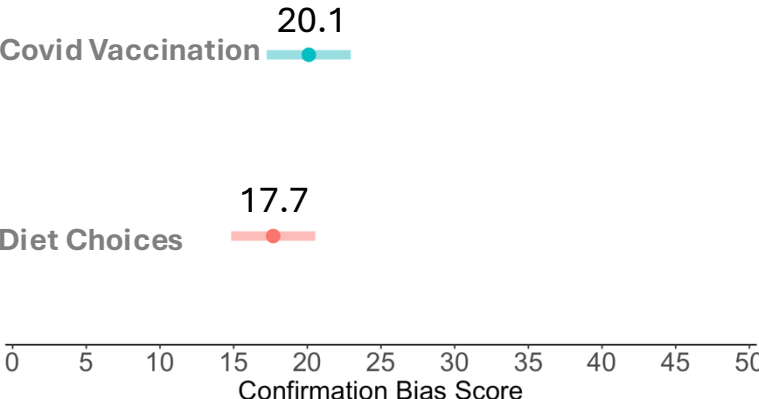
H1: Prior Beliefs

*** The strength of prior beliefs is positively correlated with the effect of confirmation bias.
(slope = 0.473, $p < 0.0001$)



H2: Topics

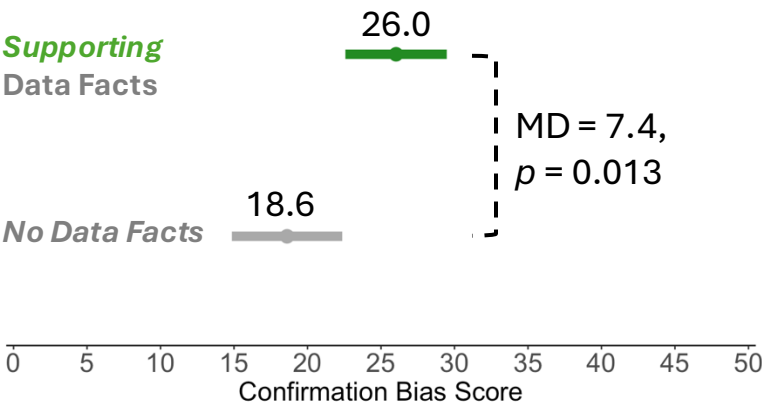
No significant difference.



H3: Data Facts Alignment

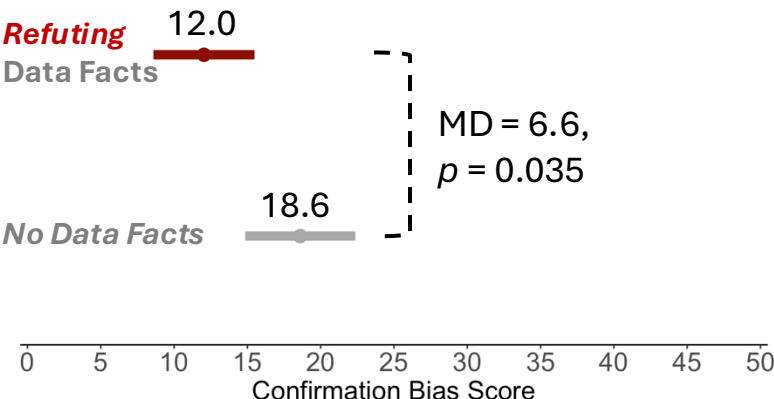
Supporting Data Facts vs. No Data Facts

* **Supporting** data facts lead to a higher level of confirmation bias compared to *No Data Facts*.



Refuting Data Facts vs. No Data Facts

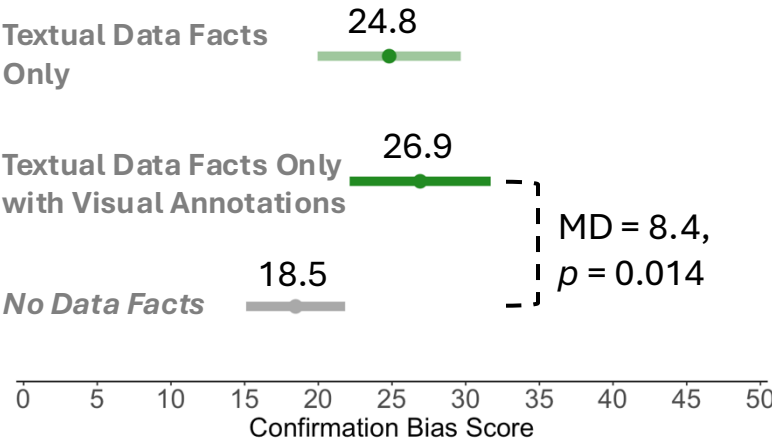
* **Refuting** data facts lead to a lower level of confirmation bias compared to when there are *No Data Facts*.



H4: Data Facts Presentation Style

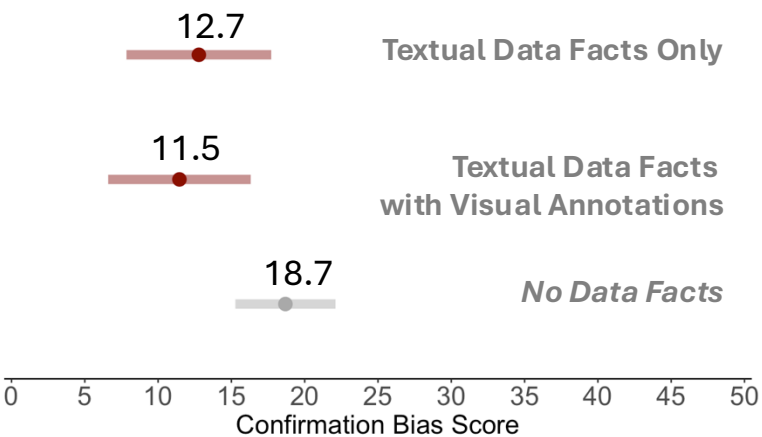
Supporting Data Facts vs. No Data Facts

* **Supporting** data facts with visual annotation lead to a higher level of confirmation bias compared to *No Data Facts*.



Refuting Data Facts vs. No Data Facts

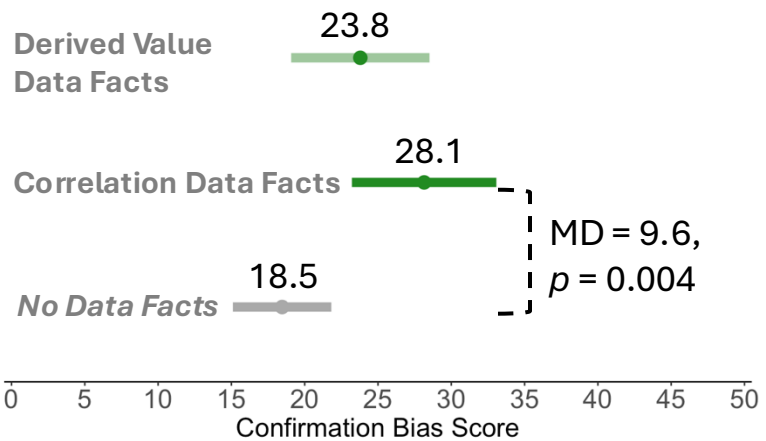
No significant difference.



H5: Data Facts Strength

Supporting Data Facts vs. No Data Facts

** **Supporting correlation** data facts lead to a higher level of confirmation bias compared to *No Data Facts*.



Refuting Data Facts vs. No Data Facts

** **Refuting correlation** data facts lead to a lower level of confirmation bias compared to when there are *No Data Facts*.

