

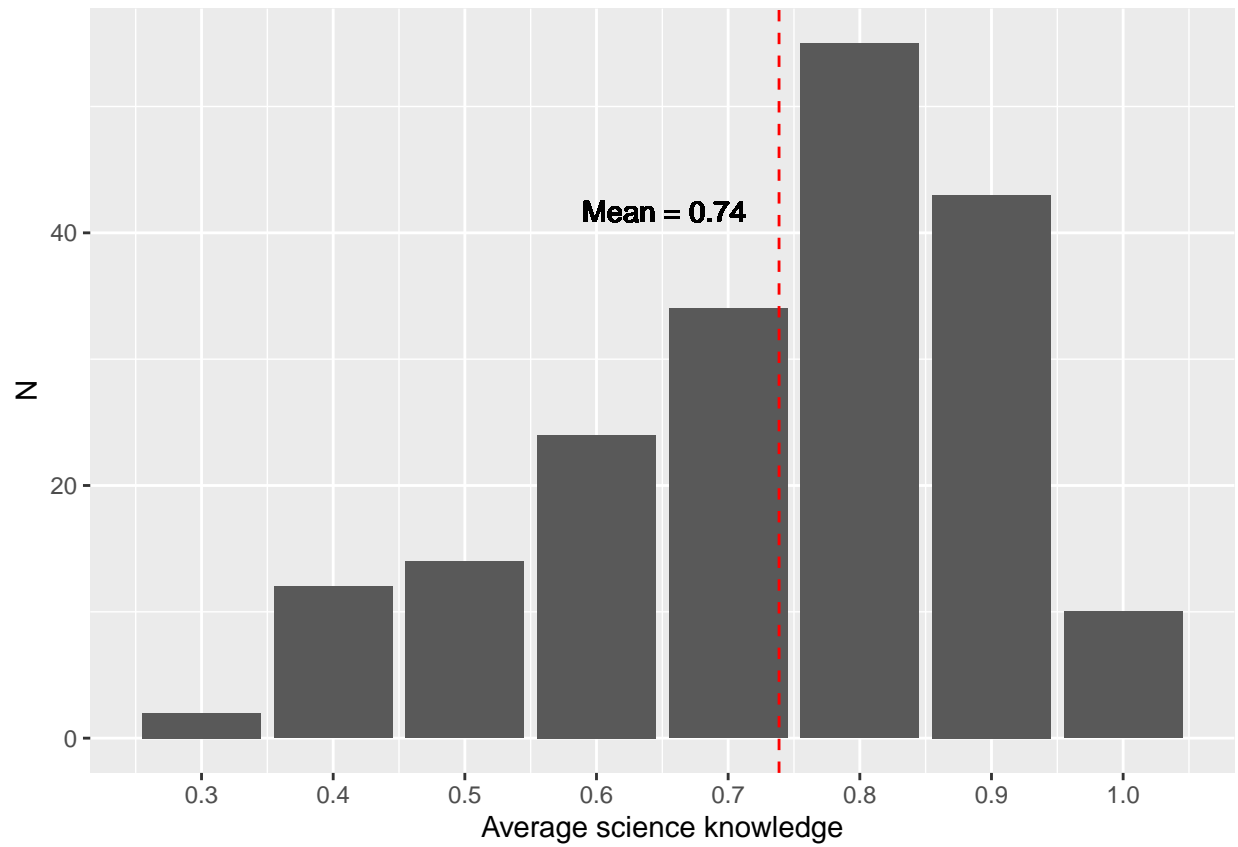
Analysis Study 1

Contents

1	RQ1	1
2	RQ2	2
3	RQ3	3
3.1	Difference between false and true answer acceptance	6
4	RQ4	6
4.1	Difference between false and true answer acceptance	9
5	Additional RQs	12
5.1	Knowledge and Acceptance by science question	12
5.2	Open ended comments	13
5.3	Is the share of correct responses associated with the share of acceptance ?	14
5.4	What were the acceptance rates among true and false answers?	15
5.5	To which extent did people believe the different conspiracy items ?	16
6	Redo all analyses without tree question	16

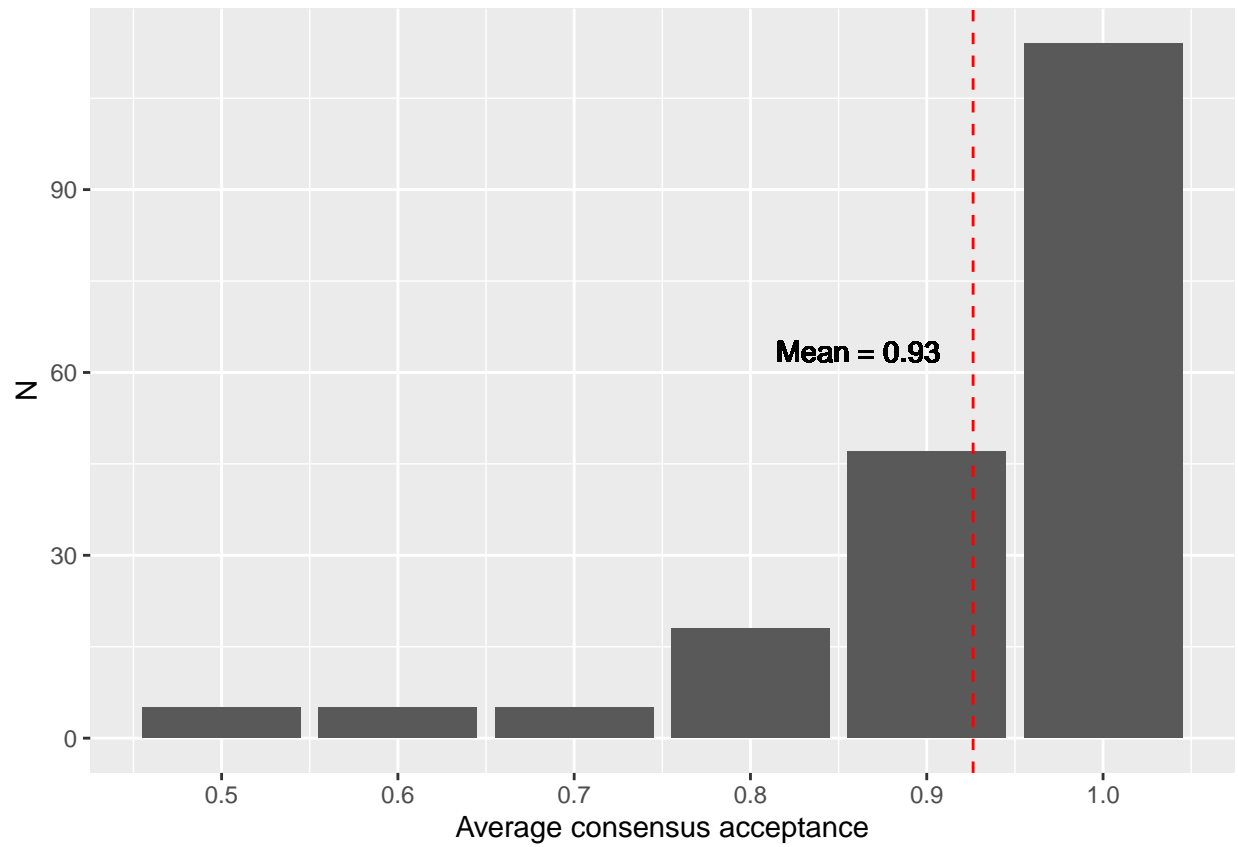
1 RQ1

RQ1: What is the average science knowledge score (1)?



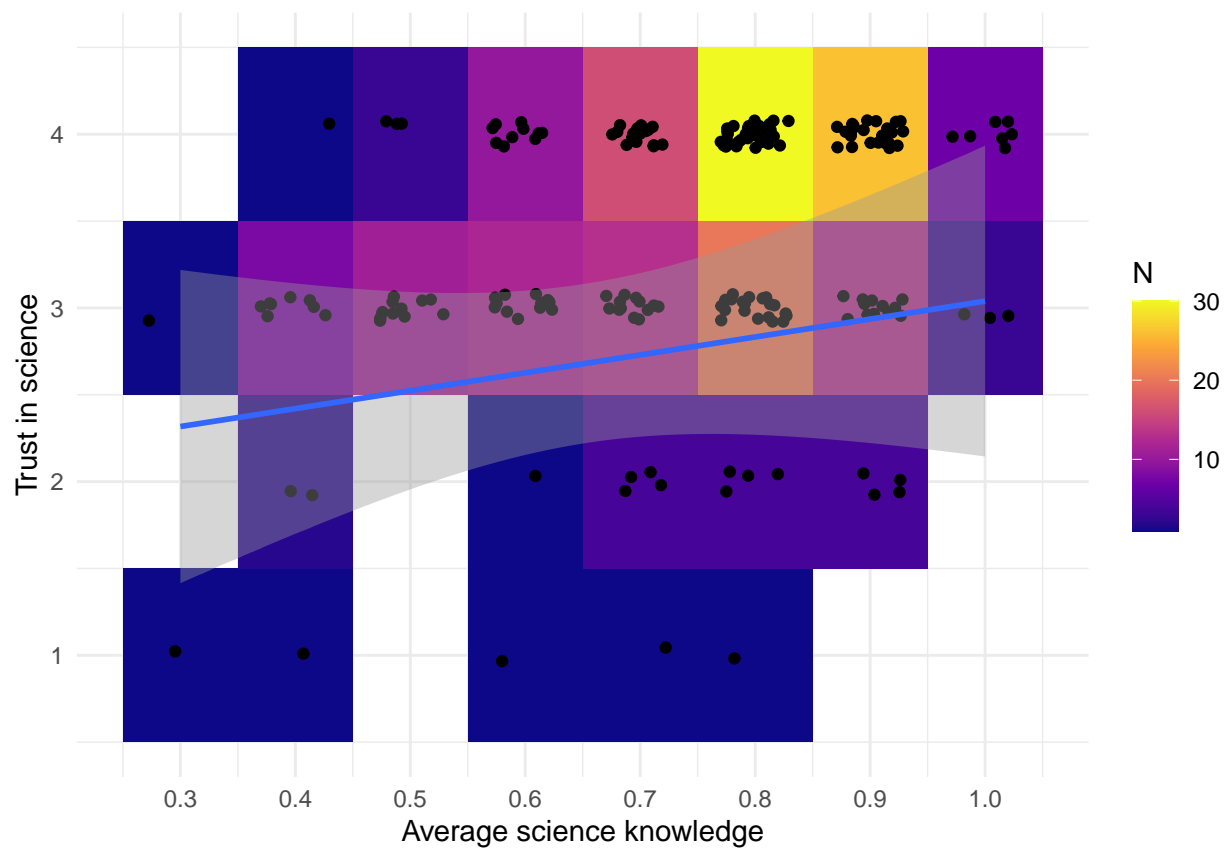
2 RQ2

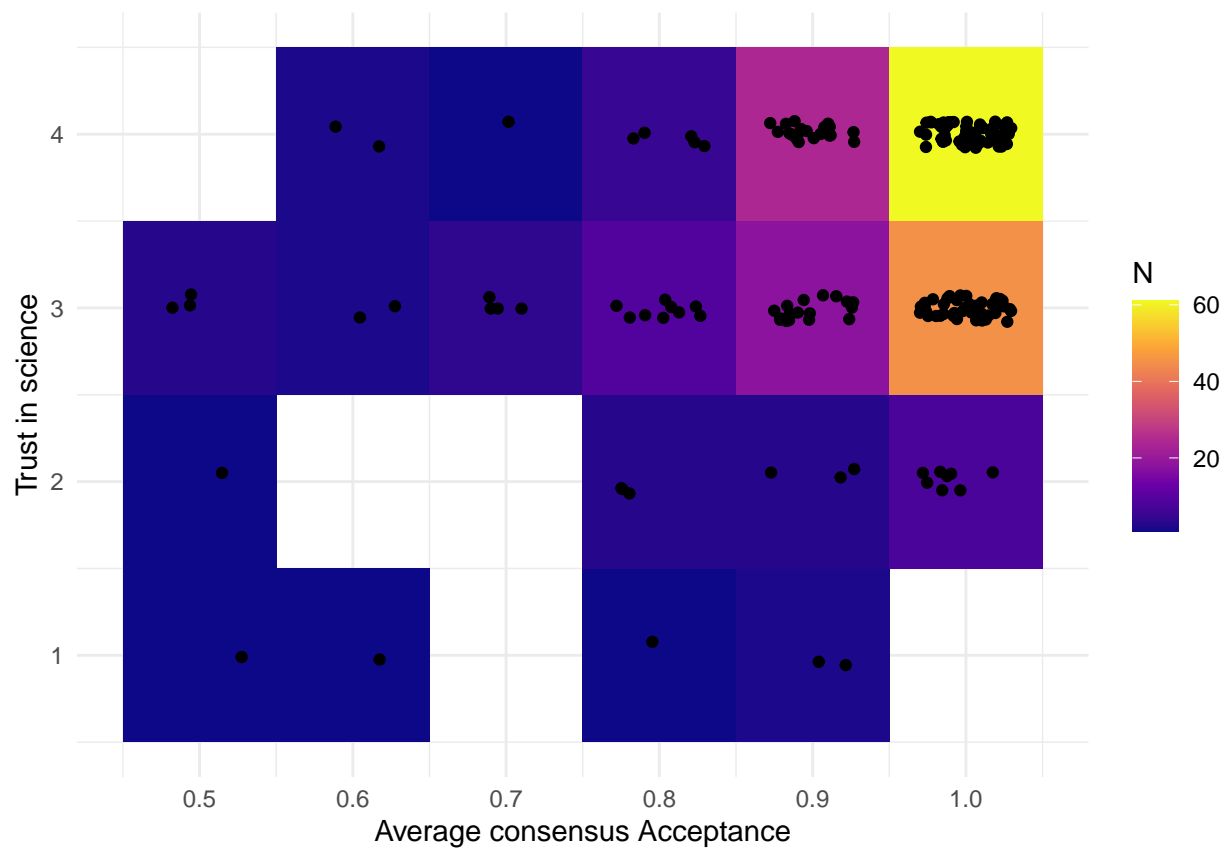
RQ2: What is the average acceptance of the scientific consensus (2)?



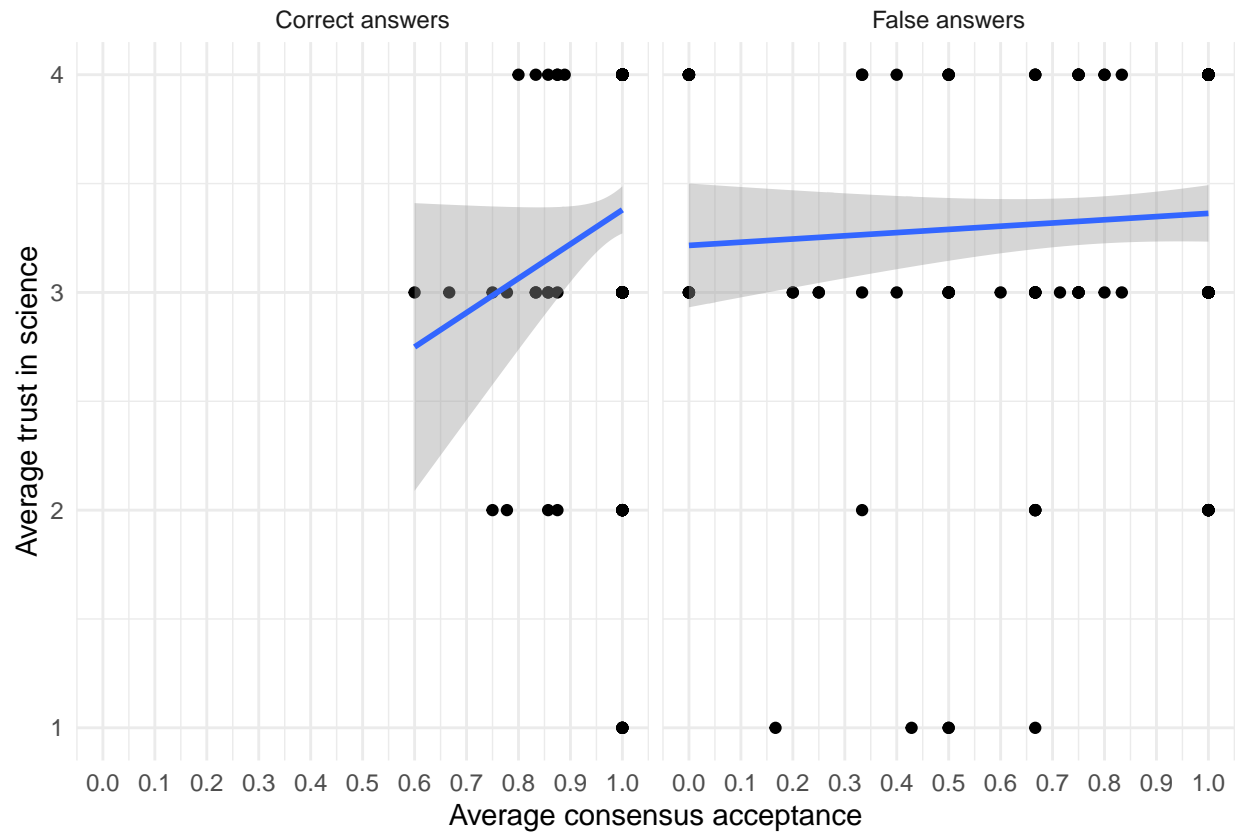
3 RQ3

RQ3: What is the relationship between trust in science and, respectively, knowledge and acceptance?



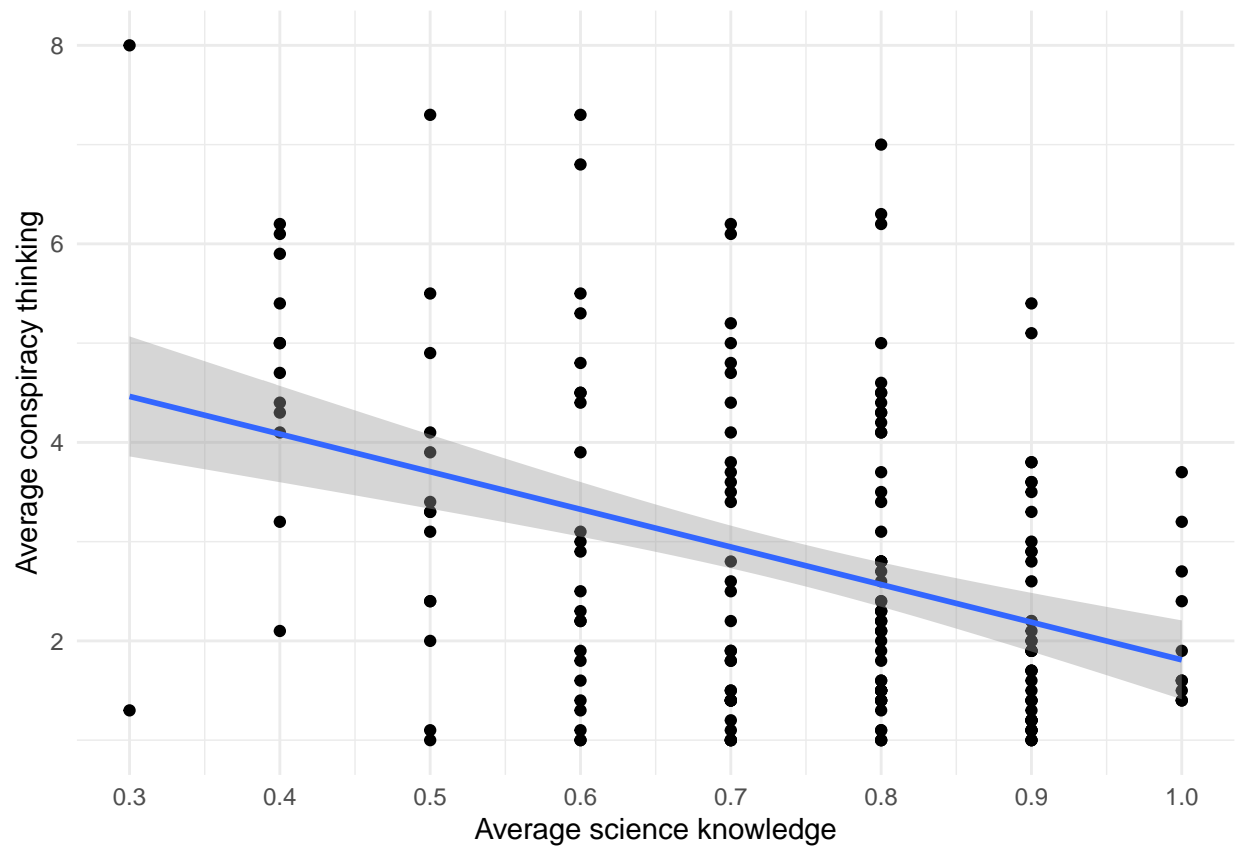


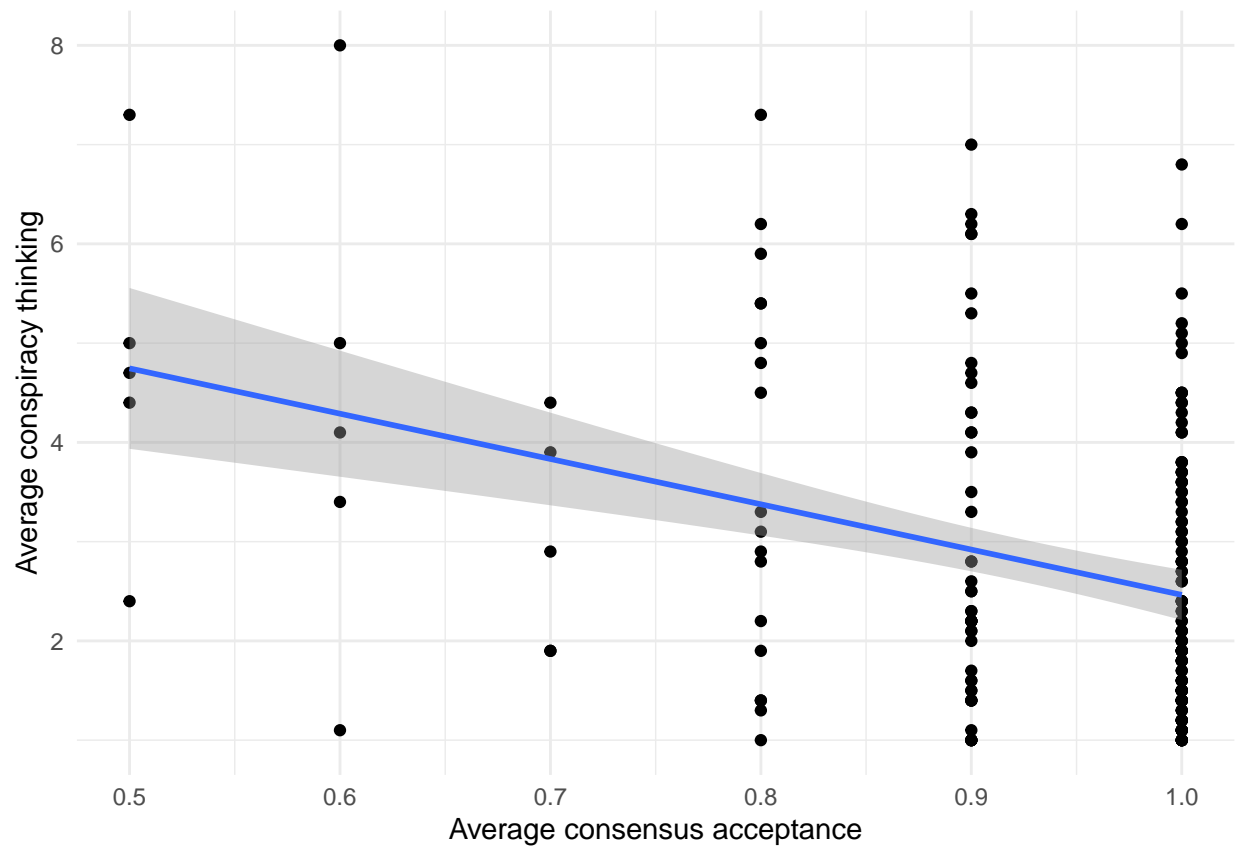
3.1 Difference between false and true answer acceptance



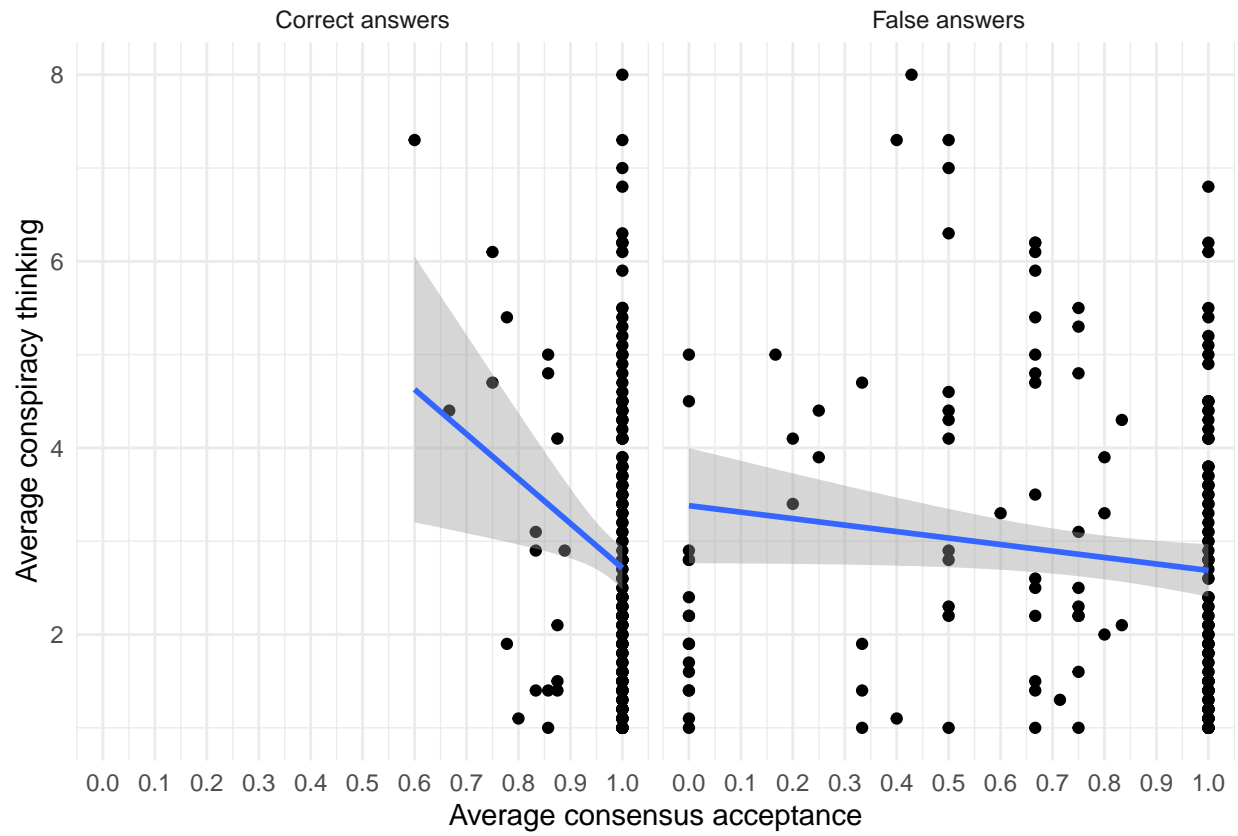
4 RQ4

RQ4: What is the relationship between conspiracy thinking and, respectively, knowledge and acceptance?

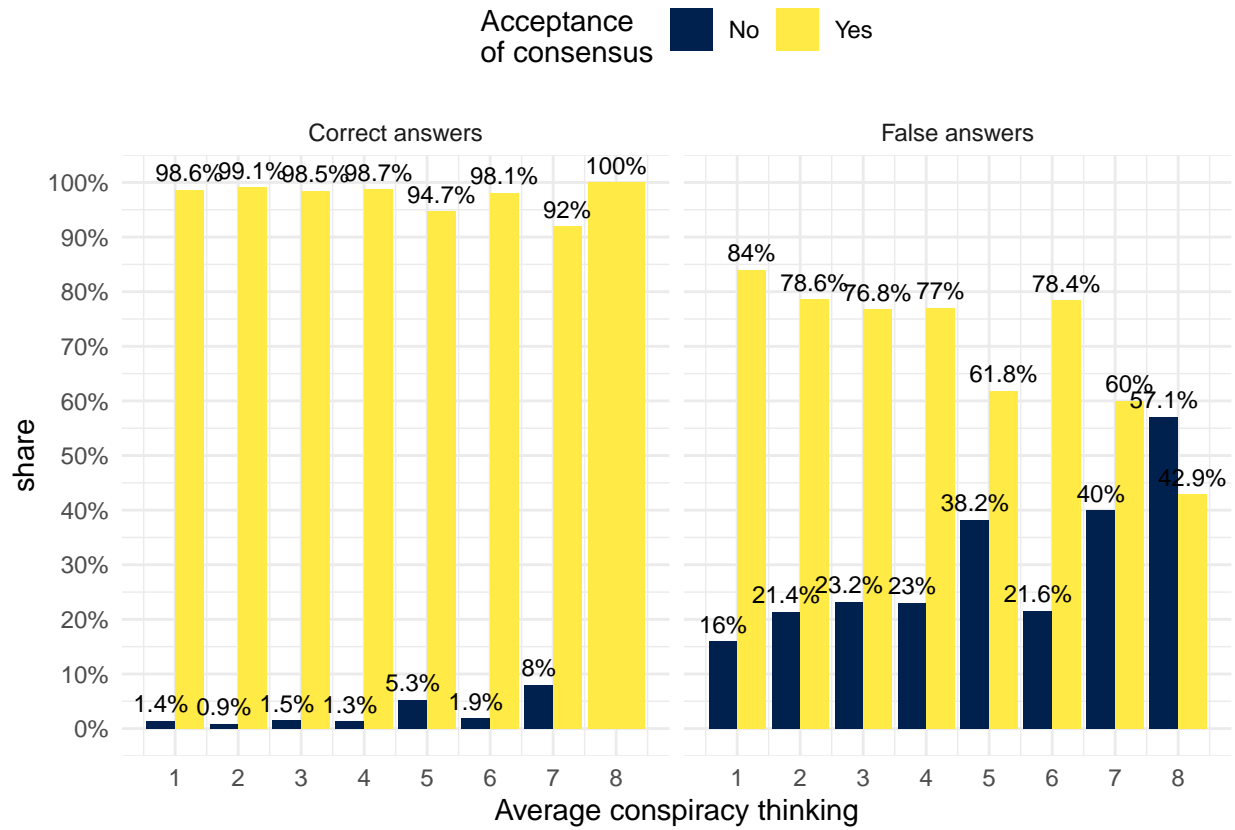




4.1 Difference between false and true answer acceptance

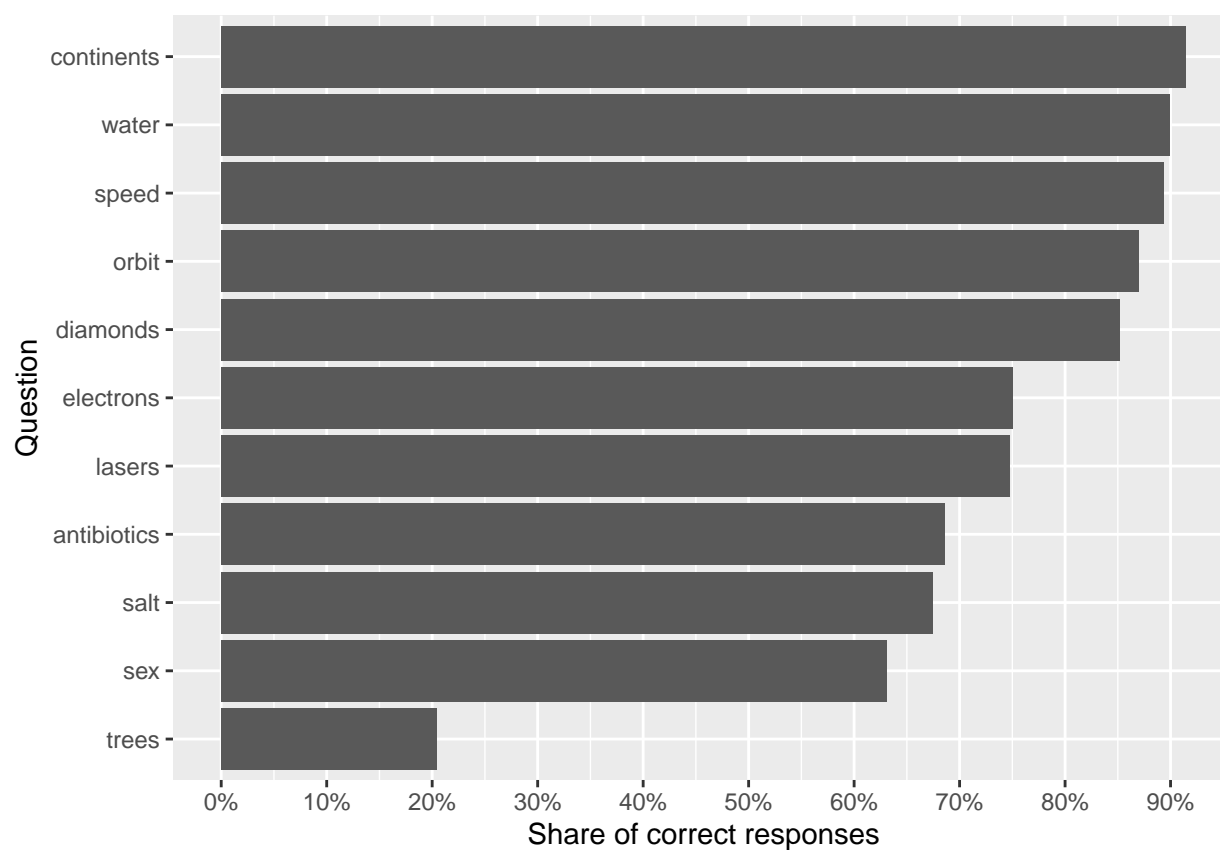


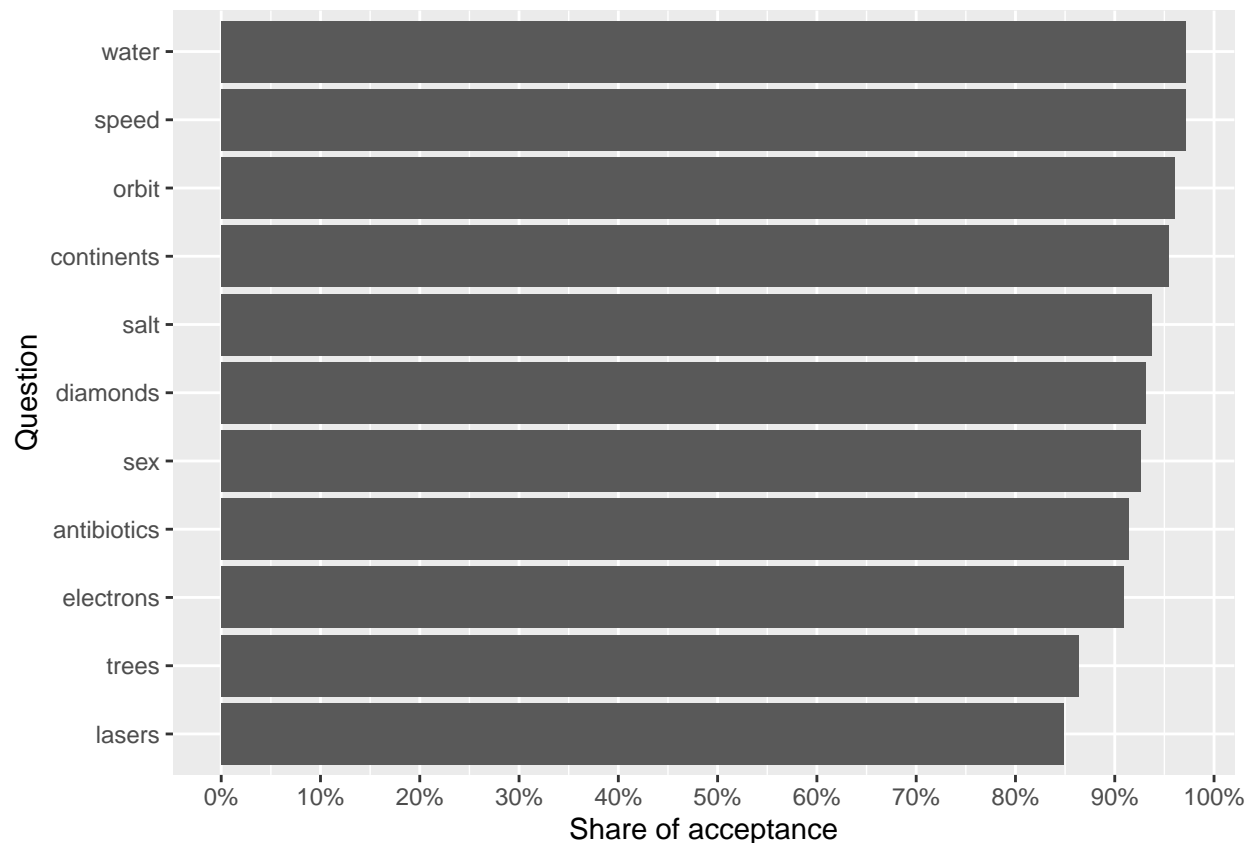
Alternative plot



5 Additional RQs

5.1 Knowledge and Acceptance by science question





5.2 Open ended comments

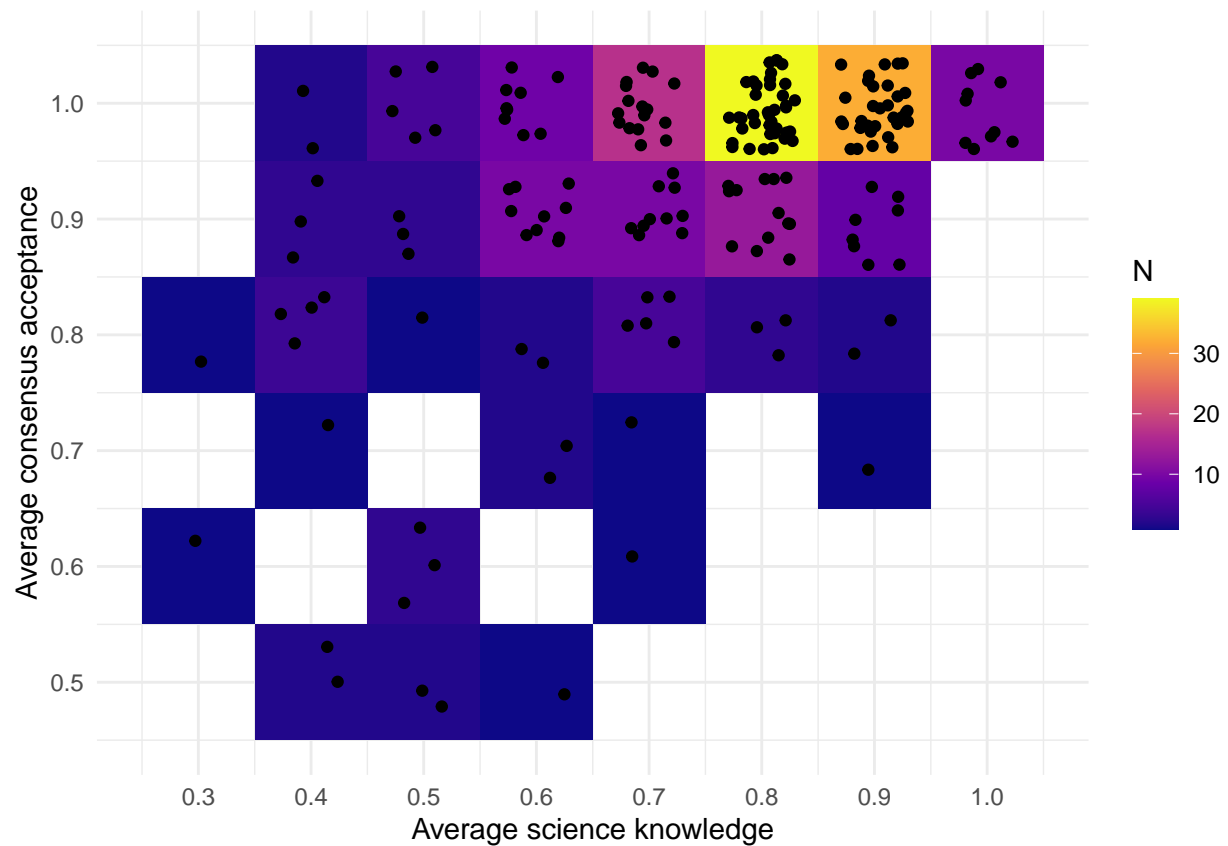
```
## [1] "Air AND water make up the bulk of trees mass and the water is drawn from the earth. Water has m
## [2] "Everything in the study was good I enjoyed taking it"
## [3] "Everything in the survey went fine with no issues. We seem to have a lot of conspiracy theory m
## [4] "good study"
## [5] "Great topics! Thank you for this study."
## [6] "I answered thoughtfully, good luck!"
## [7] "I appreciate science but understand that if scientists don't go along with what investors/govt
## [8] "I like the subject content of the survey"
## [9] "I think scientists are acting in the best interests of science rather than the community direc
## [10] "interesting, thank you."
## [11] "it was interesting"
## [12] "Mo Thanks"
## [13] "n/a"
## [14] "N/A"
## [15] "no"
## [16] "No"
## [17] "No comments"
## [18] "No, thank you."
## [19] "none"
## [20] "None"
## [21] "None - thank you!"
## [22] "none, tysm!"
## [23] "None."
## [24] "Nope"
```

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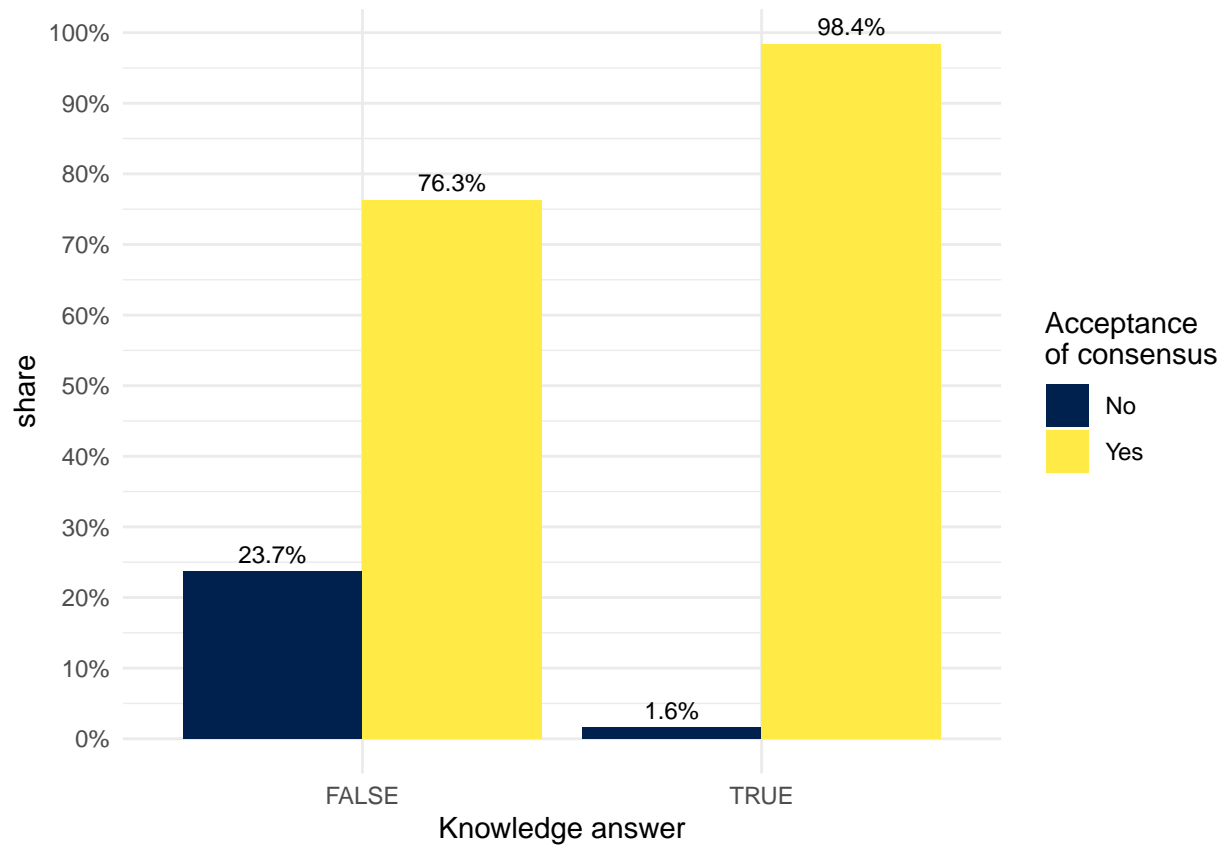
## [25] "Not virus, just metals/DDT. And I think it would be impossible for dinosaurs to have sex with .
## [26] "Should've clicked agree about plants getting carbon from the air, but I wanted to look it up f
## [27] "thanks"
## [28] "Thanks for the opportunity!"
## [29] "Thanks, have good day"
## [30] "The study was great."
## [31] "To provide context for my responses, I currently study physiology (STEM) and perform academic
## [32] "very interesting"
## [33] "Very interesting study."

```

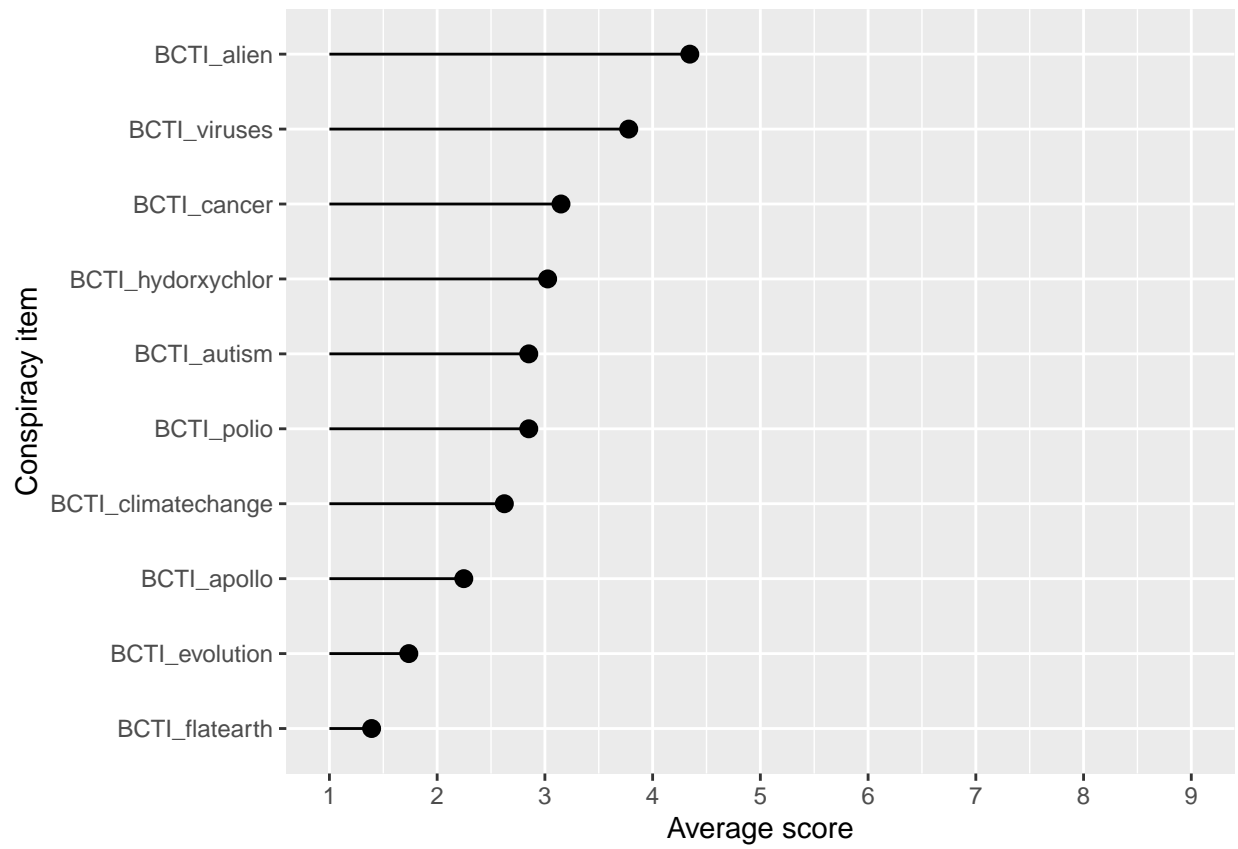
5.3 Is the share of correct responses associated with the share of acceptance ?



5.4 What were the acceptance rates among true and false answers?



5.5 To which extent did people believe the different conspiracy items ?



6 Redo all analyses without tree question