

study1 response vis

2023-02-06

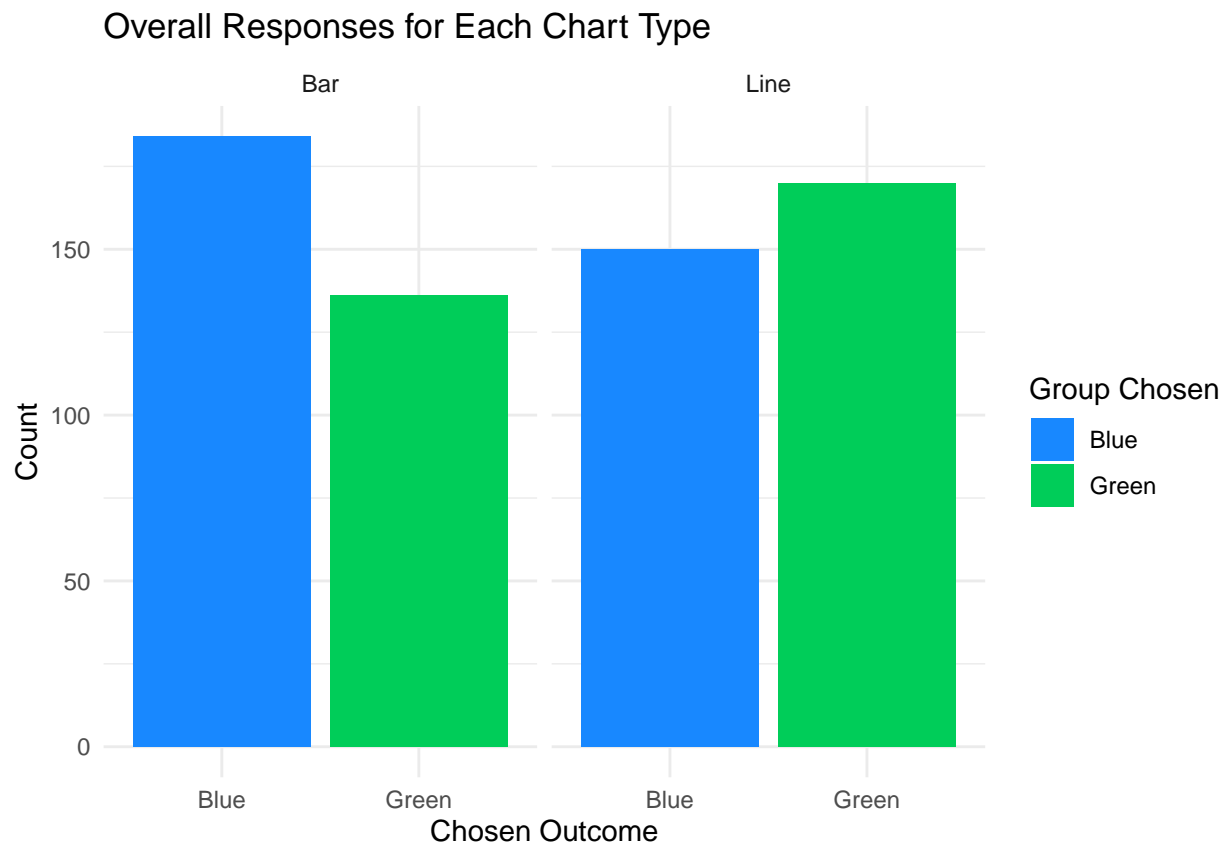
Setup

In the first section of this file, I upload and clean the data, including checks after data manipulation to ensure that the dataframe has updated properly. This section is omitted from the knit version but is present in the .Rmd file.

Language in this file may differ from that in the paper.

```
## -- Attaching packages ----- tidyverse 1.3.2 --
## v ggplot2 3.4.0      v purrr  0.3.5
## v tibble  3.1.8      v dplyr  1.0.10
## v tidyr   1.2.1      v stringr 1.4.1
## v readr   2.1.3      v forcats 0.5.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## Loading required package: Matrix
##
##
## Attaching package: 'Matrix'
##
##
## The following objects are masked from 'package:tidyr':
##
##   expand, pack, unpack
##
## Loading required package: carData
##
##
## Attaching package: 'car'
##
##
## The following object is masked from 'package:dplyr':
##
##   recode
##
## The following object is masked from 'package:purrr':
##
##   some
##
## Registered S3 methods overwritten by 'FSA':
```

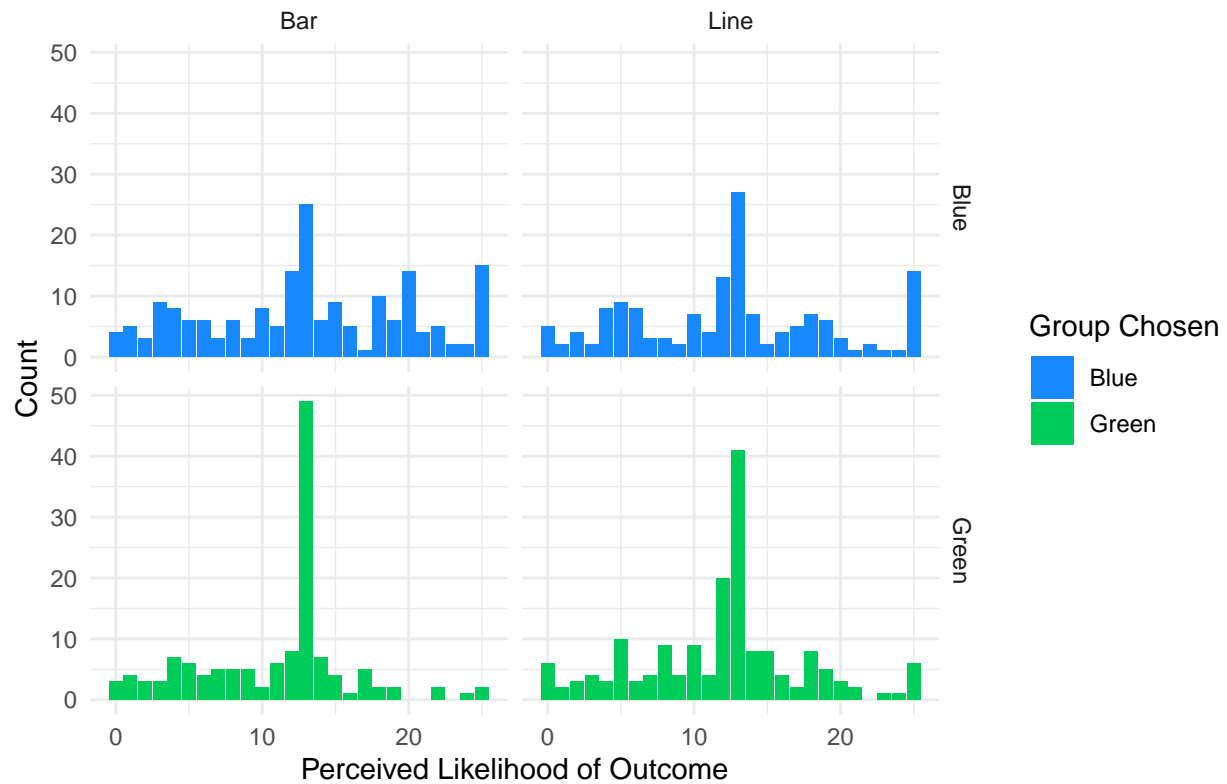
```
## method      from
## confint.boot car
## hist.boot    car
##
## ## FSA v0.9.4. See citation('FSA') if used in publication.
## ## Run fishR() for related website and fishR('IFAR') for related book.
##
##
## Attaching package: 'FSA'
##
##
## The following object is masked from 'package:car':
##
##   bootCase
##
##
## Please cite as:
##
## Hlavac, Marek (2022). stargazer: Well-Formatted Regression and Summary Statistics Tables.
##
## R package version 5.2.3. https://CRAN.R-project.org/package=stargazer
```

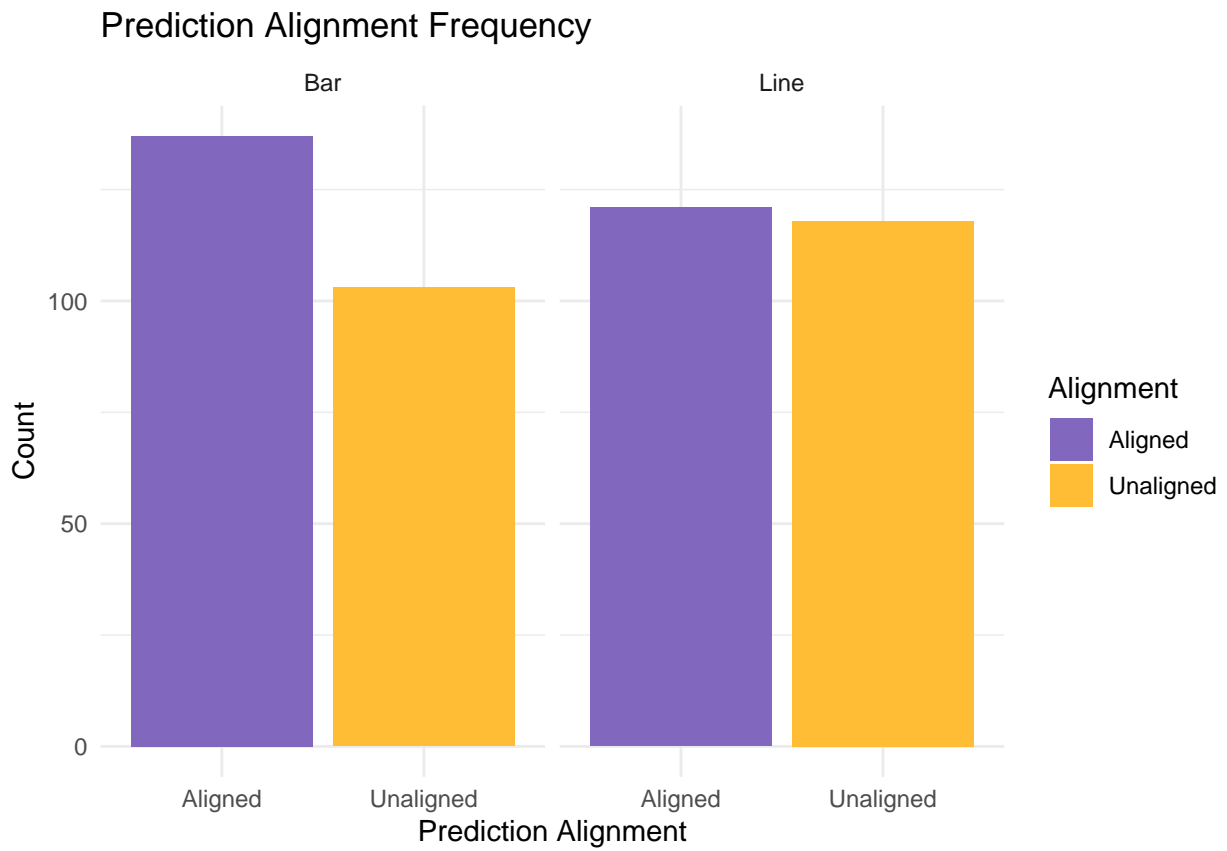


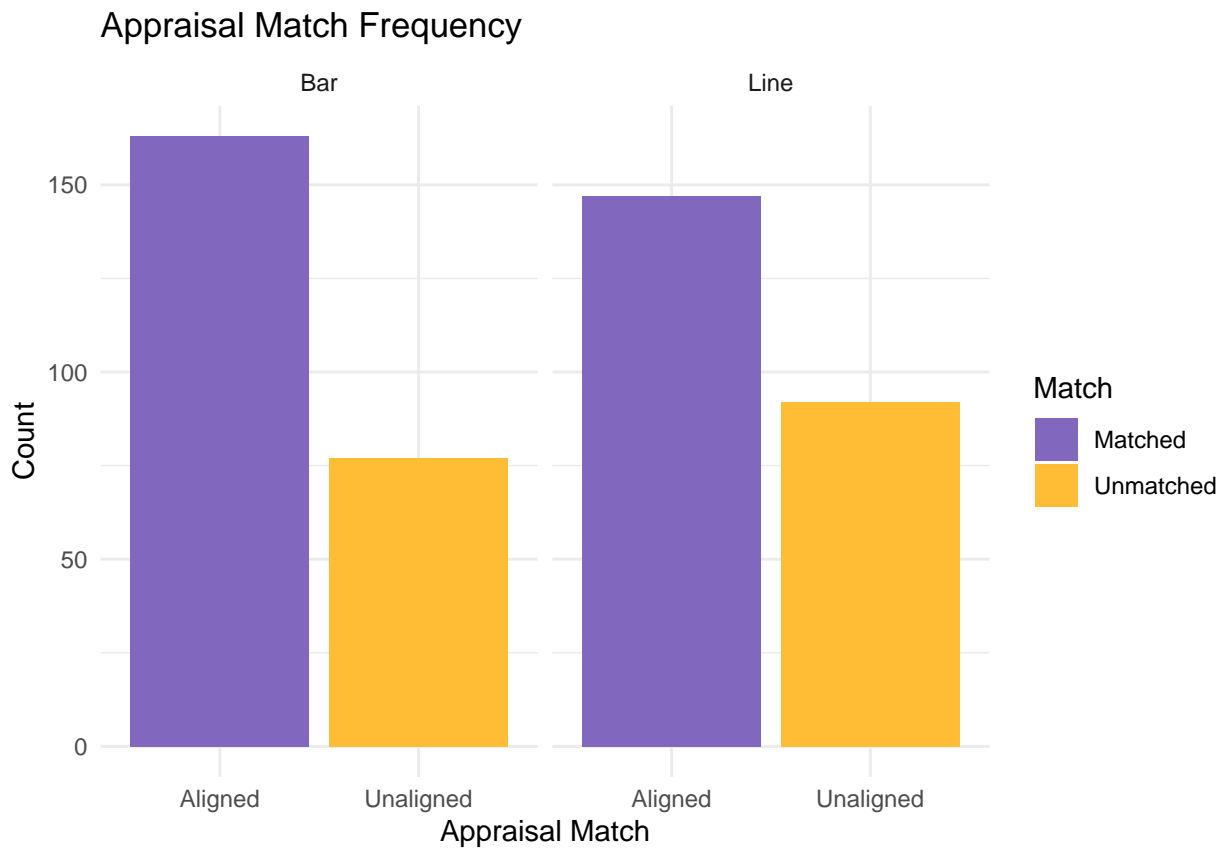
```
## 'summarise()' has grouped output by 'ChartType'. You can override using the
## '.groups' argument.
```

```
## # A tibble: 4 x 3
## # Groups:   ChartType [2]
##   ChartType chosen_outcome    n
##   <chr>      <chr>      <int>
## 1 Bar        Blue        184
## 2 Bar        Green       136
## 3 Line       Blue        150
## 4 Line       Green       170
```

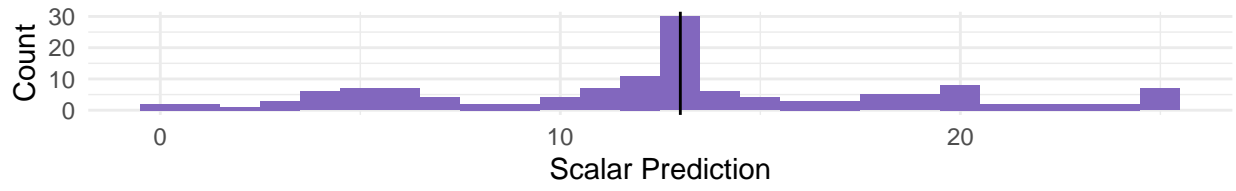
Perceived Likelihood for Each Chart Type



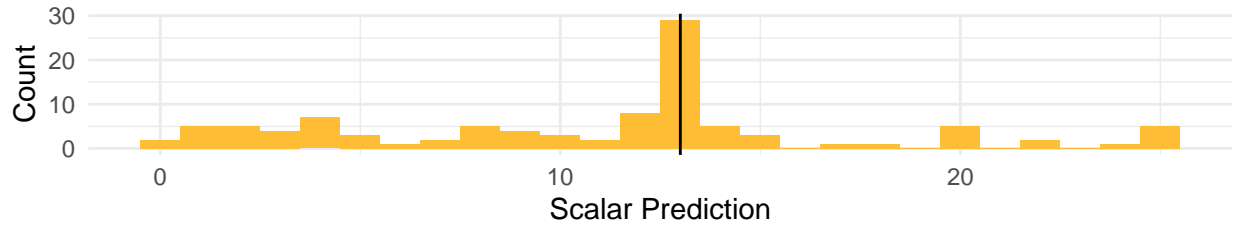




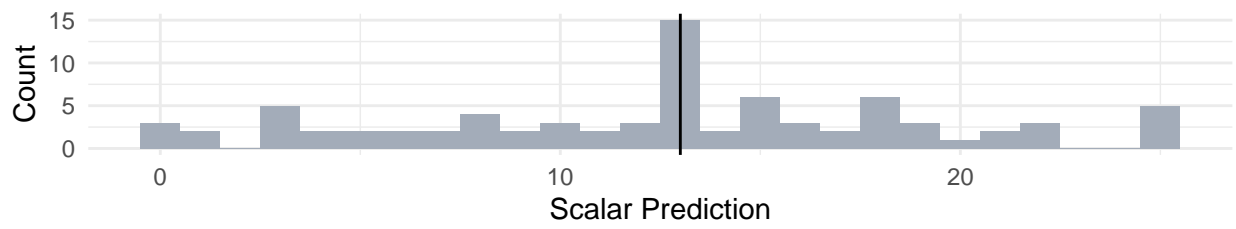
Scalar Prediction:
Bar, Aligned



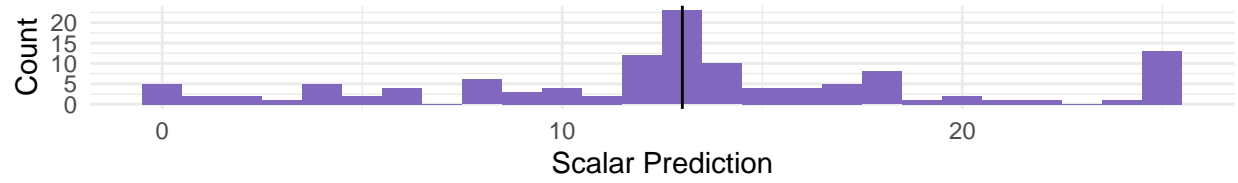
Bar, Unaligned



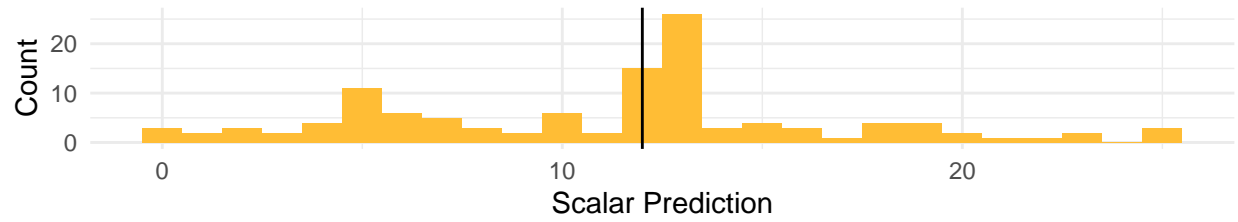
Bar, Control



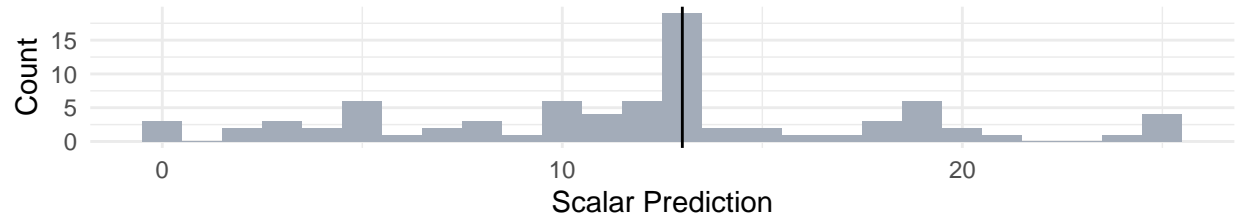
Scalar Prediction:
Line, Aligned



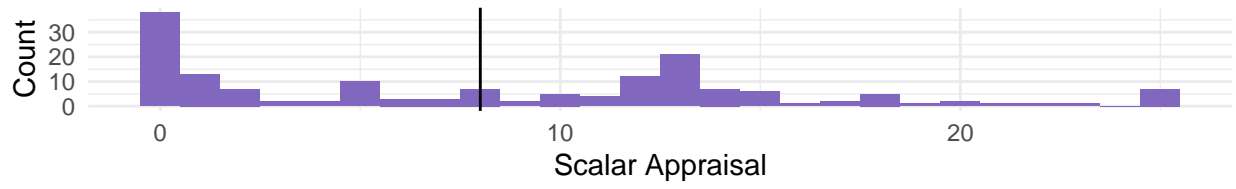
Line, Unaligned



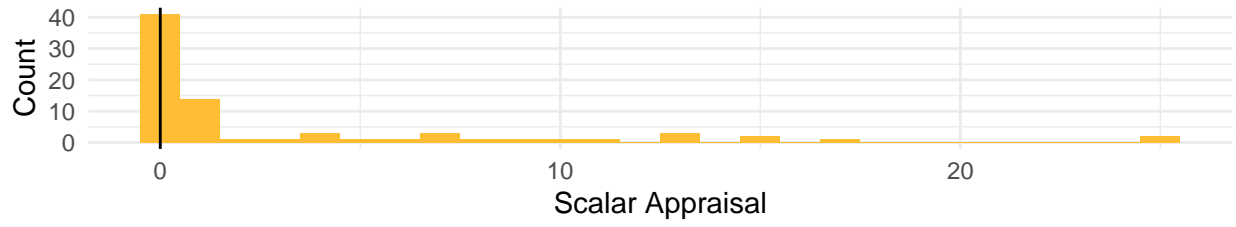
Line, Control



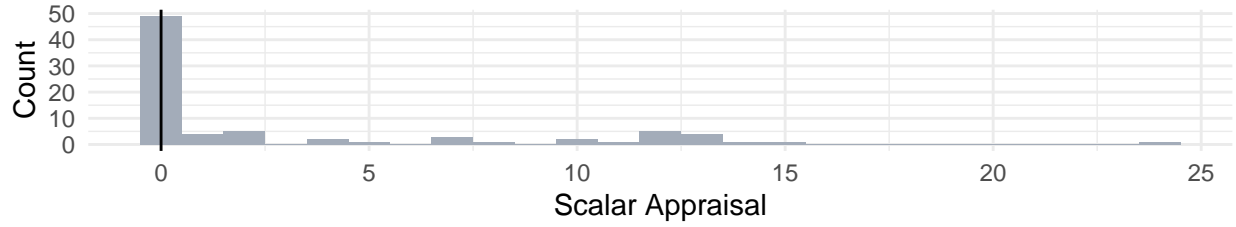
Scalar Appraisal:
Bar, Aligned



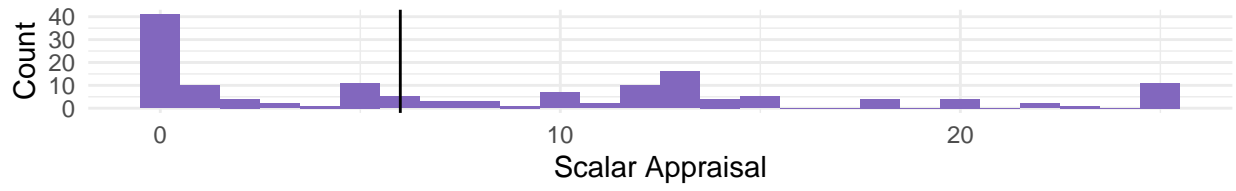
Bar, Unaligned



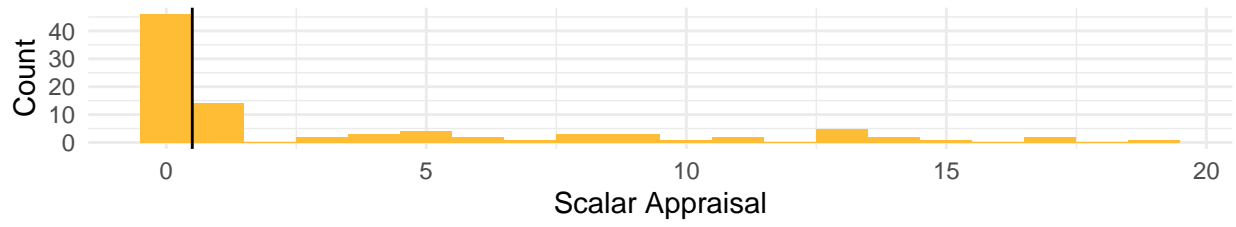
Bar, Control



Scalar Appraisal:
Line, Aligned



Line, Unaligned



Line, Control

