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MaiaAnalysis

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2024-02-15

Code ▾

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0.1 Descriptives of Dataset

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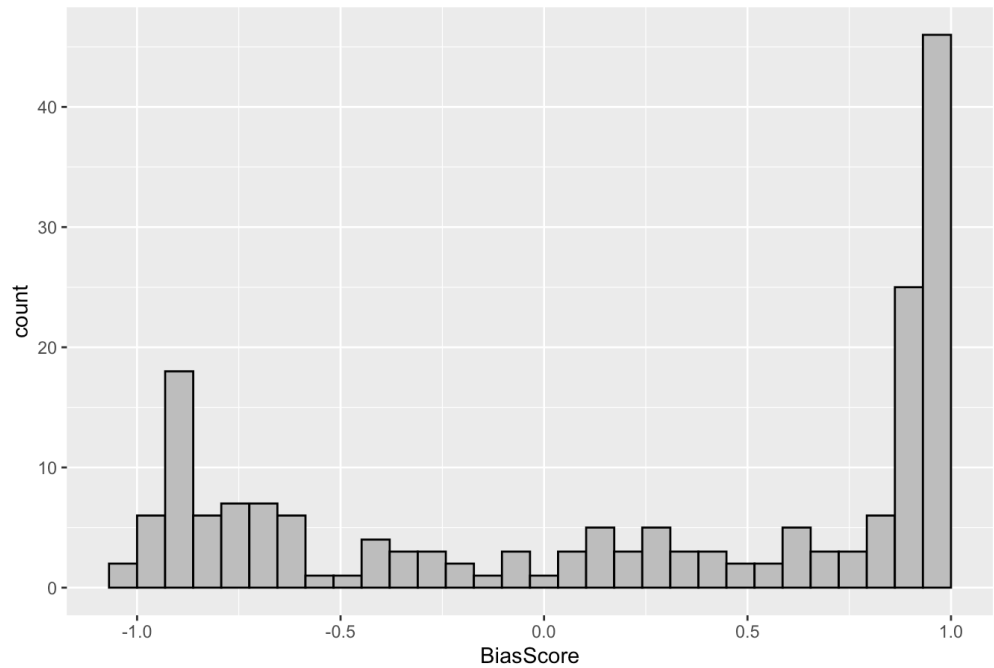
```
##              vars    n    mean      sd median trimm
ed      mad      min      max
## Subject*          1 185   93.00   53.55   93.00   93.
00  68.20     1.00  185.00
## Age              2 183   40.05   14.52   38.00   39.
22  13.34    10.00   87.00
## Sex              3 184    1.80    0.48    2.00    1.
84   0.00     1.00    4.00
## IncorRespCount   4 185    1.83    3.12    1.00    1.
13   1.48     0.00   19.00
## SymRespCount     5 185   18.10   17.66   12.00   16.
96  16.31     0.00   48.00
## TxtRespCount     6 185   28.07   17.95   33.00   28.
91  20.76     0.00   48.00
## BiasScore        7 185    0.21    0.76    0.44    0.
25   0.77    -1.00    1.00
## Con_RT           8 185  885.79  174.50  866.42  875.
88 160.51  529.08 1579.72
## InCon_RT         9 185  987.53  325.00  925.81  946.
21 209.20  528.29 2863.08
## Incon.ConRT      10 185  101.74  239.42   46.57   62.
58   74.70 -116.09 1902.28
##              range skew kurtosis    se
## Subject*       184.00  0.00    -1.22  3.94
## Age            77.00  0.55     0.20  1.07
## Sex            3.00  0.12     3.50  0.04
## IncorRespCount 19.00  3.35    11.70  0.23
## SymRespCount   48.00  0.45    -1.49  1.30
## TxtRespCount   48.00 -0.31    -1.61  1.32
## BiasScore       2.00 -0.38    -1.55  0.06
## Con_RT        1050.64  0.63     0.59 12.83
## InCon_RT      2334.79  2.91    13.12 23.89
## Incon.ConRT    2018.37  5.34    33.94 17.60
```

0.2 Bias score

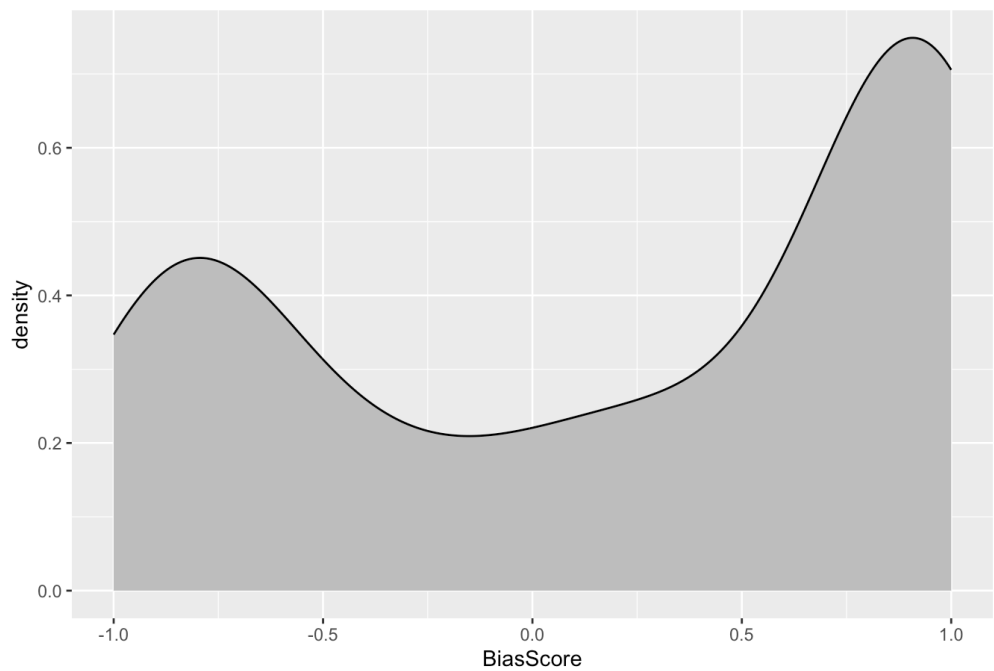
[Show](#)

```
## `stat_bin()` using `bins = 30`. Pick better value
with `binwidth`.
```

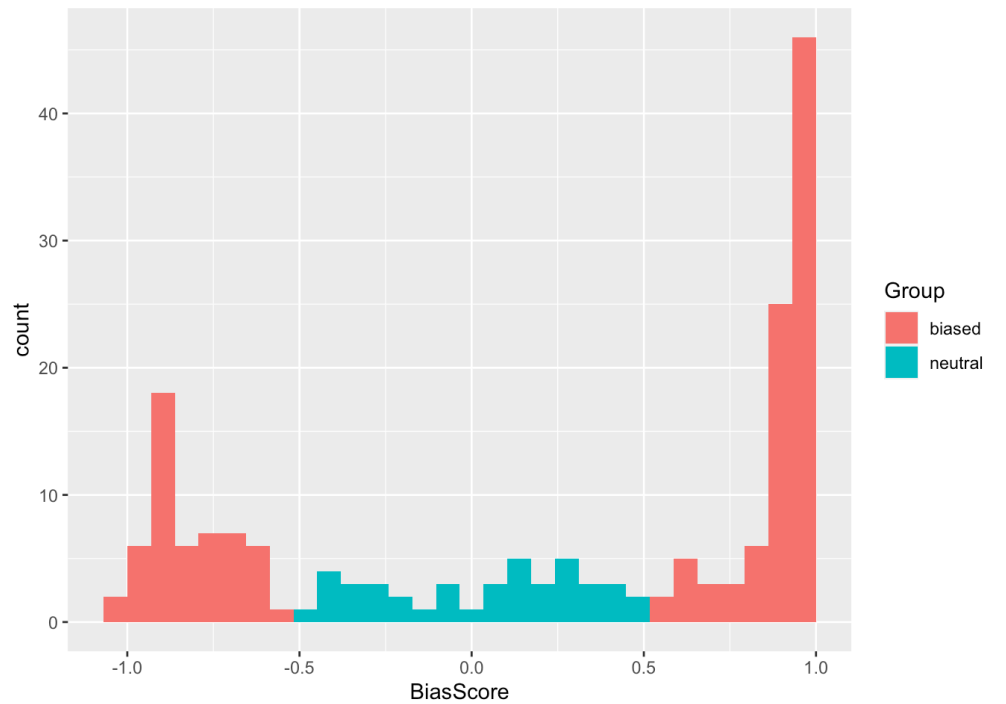
Distribution of Bias Scores

[Show](#)

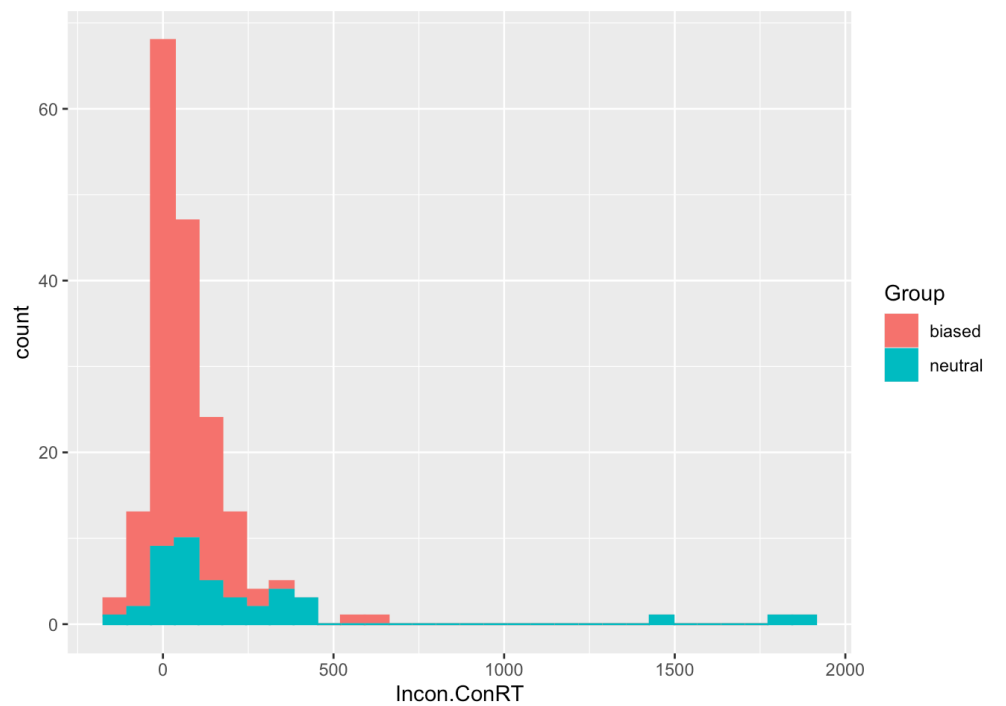
Distribution of Bias Scores

[Show](#)

```
## `stat_bin()` using `bins = 30`. Pick better value  
with `binwidth`.
```

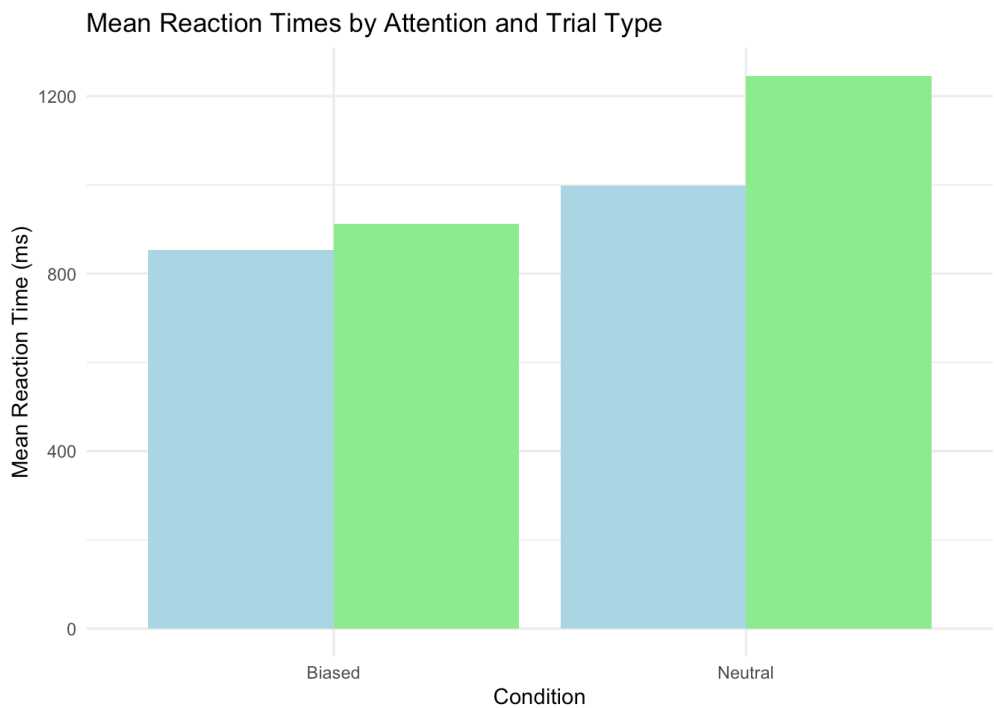
[Show](#)

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



0.3 Bar plot of reaction times by trial type and attention

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#figure out how to put error bars

0.4 Incongruency Effect Descriptives

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##	vars	n	mean	sd	median	trimmed	mad	m
in	max	range	skew					
##	x1	1	143	58.84	100.78	33.69	47.64	62.2
								-114.
		36	640.06	754.42	2.38			
##	kurtosis	se						
##	x1	9.82	8.43					

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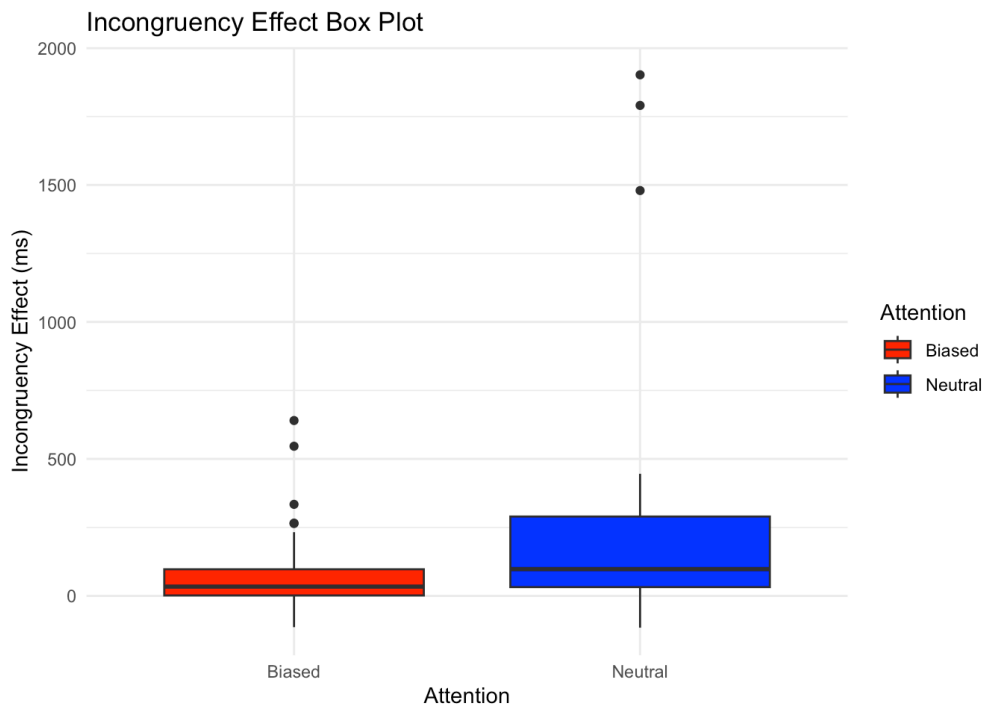
##	vars	n	mean	sd	median	trimmed	mad
min	max	range	skew				
## X1	1	42	247.78	440.23	97.56	149.04	131.32
6.09	1902.28	2018.37	2.74				-11
##	kurtosis	se					
## X1	6.85	67.93					

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##	Attention	Variable	Mean	StdDev
Min	Max			
## 1	Biased	Incongruency Effect	58.84309	100.7779
			-114.3611	640.0625
## 2	Neutral	Incongruency Effect	247.77513	440.2280
			-116.0903	1902.2847

0.5 Incongruency Effect Box Plot

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Incongruency Effect Scatter Plot

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Scatter Plot of Incongruity Effect

