

Reasoning with Uncertainty the Bayesian way

with examples in Cognitive Modeling in R and Stan

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R Markdown

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When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document.

Slide with Bullets

- ▶ Bullet 1 (see McElreath 2016)
- ▶ Bullet 2 (see Wasserstein and Lazar 2016)
- ▶ Bullet 3

Slide with R Output

```
summary(cars)
```

##	speed	dist
##	Min. : 4.0	Min. : 2
##	1st Qu.:12.0	1st Qu.: 26
##	Median :15.0	Median : 36
##	Mean :15.4	Mean : 43
##	3rd Qu.:19.0	3rd Qu.: 56
##	Max. :25.0	Max. :120

Slide with Plot



References

McElreath, Richard. 2016. *Statistical Rethinking*.
<https://doi.org/10.3102/1076998616659752>.

Wasserstein, Ronald L, and Nicole A Lazar. 2016. "The ASA's Statement on p-Values: Context, Process, and Purpose." *The American Statistician* 70 (2):129–33.
<https://doi.org/10.1080/00031305.2016.1154108>.