

# STATISTICAL ANALYSIS OF BEHAVIORAL DATA 01 SEPTEMBER, 2021

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## **Contents**

RMarkdown+Latex 2					
	Code Embedding	2			
	Markdown	2			
	Latex	2			
	plot	3			

## RMarkdown+Latex

This is simple an R Markdown document to show MPIThemes features. use # sign to define chapter. For definition sub chapter add ## to first line and add name of sub chapter.

### **Code Embedding**

spe	ed	dist		
Min.	: 4.0	Min.	: 2.00	
1st Qu.	:12.0	1st Qu.	: 26.00	
Median	:15.0	Median	: 36.00	
Mean	:15.4	Mean	: 42.98	
3rd Qu.	:19.0	3rd Qu.	: 56.00	
Max.	:25.0	Max.	:120.00	

We can run inline R code 2^10= 1024

#### Markdown

In RMarkdown we can use markdown syntax, such as unordered list items

- · item
- · item
  - more item

Or use block quotes are written after >, e.g.,

To be, or not to be, that is the question!

#### Latex

We can easily write math expressions by latex syntax. Inline LateX equations can be written in a pair of dollar signs

$$f(k) = \binom{n}{k} p^k \left(1 - p\right)^{n - k}$$

## plot

By using ggplot package, we can

## Bubble chart

Iris Data: Sepal Length vs Petal Length

