

## **STATISTICS**

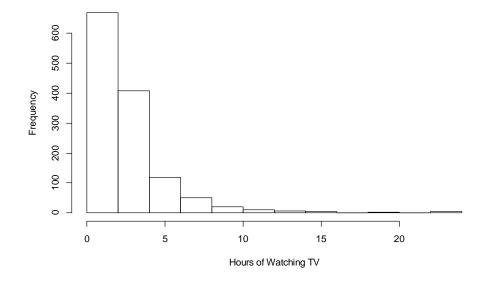
THE ART & SCIENCE OF LEARNING FROM DATA

AGRESTI · FRANKLIN · KLINGENBERG

# Chapter 2

## Example 6: TV Watching – Histograms

```
> # Read in data from file:
> GSS <- read.csv(file='https://raw.githubusercontent.com/artofstat/data/master/Chapter2
/TVhours.csv')
>
> # Create Histogram:
> hist(GSS$tvhours, xlab="Hours of Watching TV", main="Histogram of the Numbers of Hours
Watching TV per Day")
```



```
> # For more fine tuning, it is better to use the ggplot2 library.
> # If you haven't installed it already, first type: install.packages(ggplot2)
> 
> library(ggplot2)
> # Basic plot:
> ggplot(GSS, aes(x=tvhours)) +
+ geom_histogram(binwidth=1, color="black", fill="orchid") +
+ labs(x="Hours of Watching TV", y="Frequency",
+ title="Histogram of the Numbers of Hours Watching TV per Day",
+ subtitle="Source: General Social Survey 2012") +
+ theme_bw()
```

#### Histogram of the Numbers of Hours Watching TV per Day

