

### R Code for Examples in the book

"Statistics: The Art and Science of Learning from Data" by Agresti, Franklin and Klingenberg, 5<sup>th</sup> edition

# Chapter 3

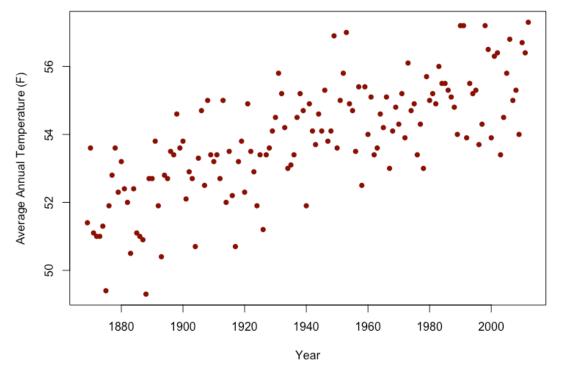
Example 13: Global Warming – Exploring Extrapolation

#### Reading in the data

```
temps <-
read.csv(file='https://raw.githubusercontent.com/artofstat/data/master/Chapte
r3/central_park_yearly_temps.csv')
attach(temps) # so we can refer to variable names</pre>
```

#### **Basic scatterplot**

## Average Annual Temperature in Central Park, New York, from 1869 - 2019



#### Fitting in regression model

#### Predicting annual average temp for years 2025 and 3000