

JOHNNY APPLESEED, PH.D.  
SPRING, 2018

WEEK 01  
LECTURE 01

INTRO TO SOCIOLOGY

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SEQUOIA DENDRON  
GIGANTEUM

# AGENDA

1. Front Matter
2. Lorem ipsum
3. Consectetur adipiscing
4. Sed do eiusmod
5. Back Matter

1

# FRONT MATTER

## 1. FRONT MATTER

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# ANNOUNCEMENTS



Last week's lecture slides now available



Response Paper 01 due **next class!**



Grade Center has been updated with all current grades



Response Paper 02 due in two weeks



Reading assignment for next week changed (see updated Syllabus)



Field-trip to Yosemite is **next class!**

2 LOREM  
IPSUM



## 2. LOREM IPSUM

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# DUIS AUTE IRURE DOLOR



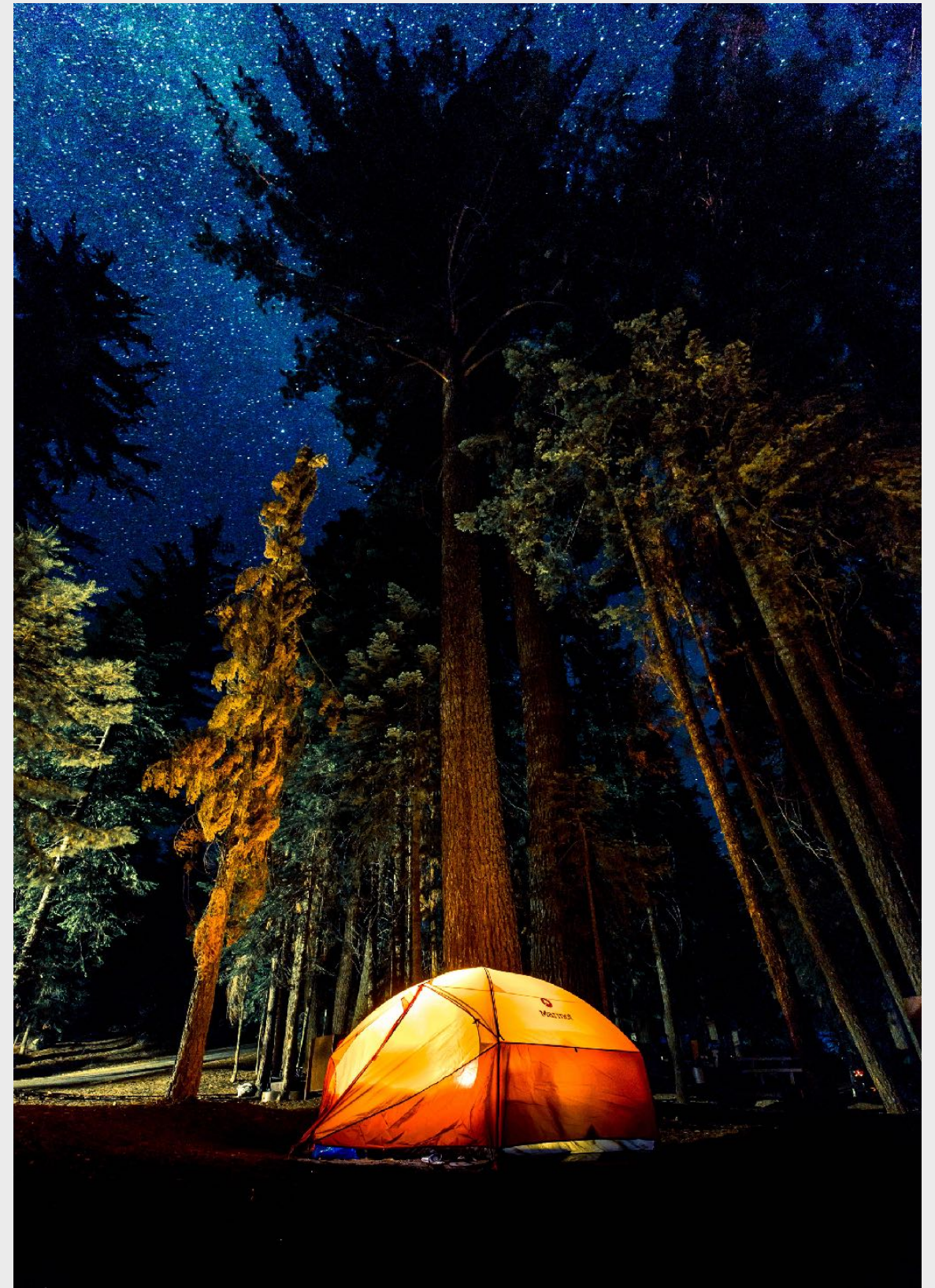


## 2. LOREM IPSUM

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# DUIS AUTE IRURE DOLOR

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- ▶ Amet eu sagittis vitae morbi. Justo consectetur nullam vitae sollicitudin eu ipsum.



# SEQUOIADENDRON GIGANTEUM

Largest Living Trees

#	Tree	Grove	Height (m)
1	General Sherman	Giant Forest	83.8
2	King Arthur	Garfield Grove	82.4
3	Boole	Converse Basin	81.9
4	General Grant	Grant Grove	81.7
5	Lincoln	Giant Forest	78.0









CLIMB THE  
MOUNTAINS AND  
GET THEIR GOOD  
TIDINGS. NATURE'S  
PEACE WILL FLOW  
INTO YOU AS  
SUNSHINE FLOWS  
INTO TREES.

John Muir (1901)



3 CONSECTETUR  
ADIPISCING



# TELLUS MAGNA

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- ▶ Quis libero aliquet quisque ante. Et taciti velit at gravida, ante auctor, id erat ac et pede dapibus.
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### 3. CONSECTETUR ADIPISCING

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# TELLUS MAGNA

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# TELLUS MAGNA





THOUSANDS OF TIRED,  
NERVE-SHAKEN, OVER-  
CIVILIZED PEOPLE ARE  
BEGINNING TO FIND OUT  
THAT GOING TO THE  
MOUNTAINS IS GOING HOME

John Muir (1901)

# TELLUS MAGNA

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- ▶ Et taciti velit at gravida, ante auctor, id erat ac et pede dapibus. Non in mi ullamcorper, eros mollis est magna.
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# TELLUS MAGNA



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# TELLUS MAGNA



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4 SED DO  
EIUSMOD



# COMMODO ODIO

$H_0$

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$H_A$

Eu facilisis sed odio morbi quis commodo odio.

# SAMPLE MEAN

Let:

- ▶  $\bar{x}$  = sample mean
- ▶  $n$  = sample size
- ▶  $x$  = random variable
- ▶  $i$  = individual observation

$$\bar{x} = \frac{\sum_{i=1}^n x_i}{n}$$

# DESCRIPTIVE STATISTICS

**f(x)**

`skim(.data, ...)`

Parameters:

▶ `.data`

▶ `...`

name



Available in `skimr`

Download via CRAN



# DESCRIPTIVE STATISTICS

**f(x)**

`skim(.data, ...)`

Parameters:

- ▶ `.data` is a tibble or an object that can be converted to a tibble
- ▶ `...` is optional, and typically consists of a list of *unquoted* column names



# DESCRIPTIVE STATISTICS

f(x)

```
skim(.data, ...)
```



Using the `hwy` and `cty` variables from `ggplot2`'s `mpg` data:

```
> skim(mpg, hwy, cty)
```




Output will include information about the data object, and the structure will vary based on the format of the individual columns.

# DESCRIPTIVE STATISTICS

```
> skim(mpg, hwy, cty)
Skim summary statistics
n obs: 234
n variables: 11
```

Variable type: integer

variable	missing	complete	n	mean	sd	p0	p25	median	p75	p100	hist
cty	0	234	234	16.86	4.26	9	14	17	19	35	
hwy	0	234	234	23.44	5.95	12	18	24	27	44	



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How would you interpret this result?

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# 5 BACK MATTER

# AGENDA REVIEW

2. Lorem ipsum

3. Consectetur adipiscing

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## 5. BACK MATTER

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# REMINDERS



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