

JOHNNY APPLESEED, PH.D.
SPRING, 2018

WEEK 01
LECTURE 01

INTRO TO SOCIOLOGY

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

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

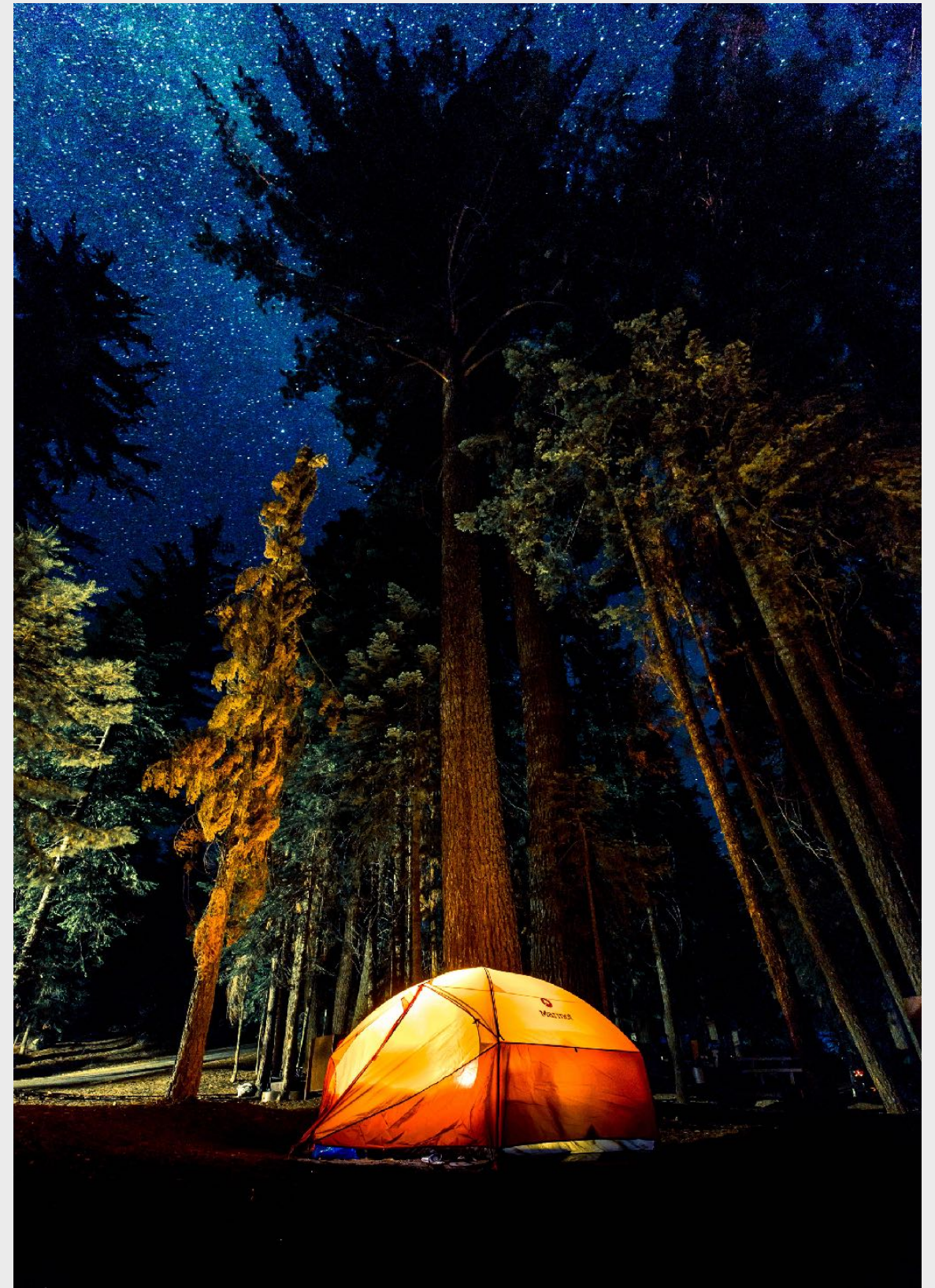
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2. LOREM IPSUM

DUIS AUTE IRURE DOLOR

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SEQUOIA DENDRON 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

3. CONSECTETUR ADIPISCING



TELLUS MAGNA

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3. CONSECTETUR ADIPISCING

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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

- ▶ Tellus magna, lacinia semper convallis nihil lorem, sed felis aptent semper nulla. Quis libero aliquet quisque ante.
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3. CONSECTETUR ADIPISCING

TELLUS MAGNA



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TELLUS MAGNA



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**4 SED DO
EIUSMOD**

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H_A

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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`

▶ `...`

nam



Available in `skimr`

Download via CRAN

DESCRIPTIVE STATISTICS

A green square icon with a thin black border, containing the text `f(x)` in a dark green, monospace-style font.

`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	

4. SED DO EIUSMOD

DESCRIPTIVE STATISTICS



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

```
Skim summary statistics
```

```
n obs: 234
```

```
n variables: 11
```

```
Variable type: integer
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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	




How would you interpret this result?

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5 BACK MATTER

AGENDA REVIEW

2. Lorem ipsum

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REMINDERS



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