INTRO TO SOCIOLOGY

SEQUOIADENDRON GIGANTEUM

AGENDA

1. Front Matter

2. Lorem ipsum

3. Consectetur adipiscing

4. Sed do eiusmod

5. Back Matter

1 FRONT MATTER

ANNOUNCEMENTS

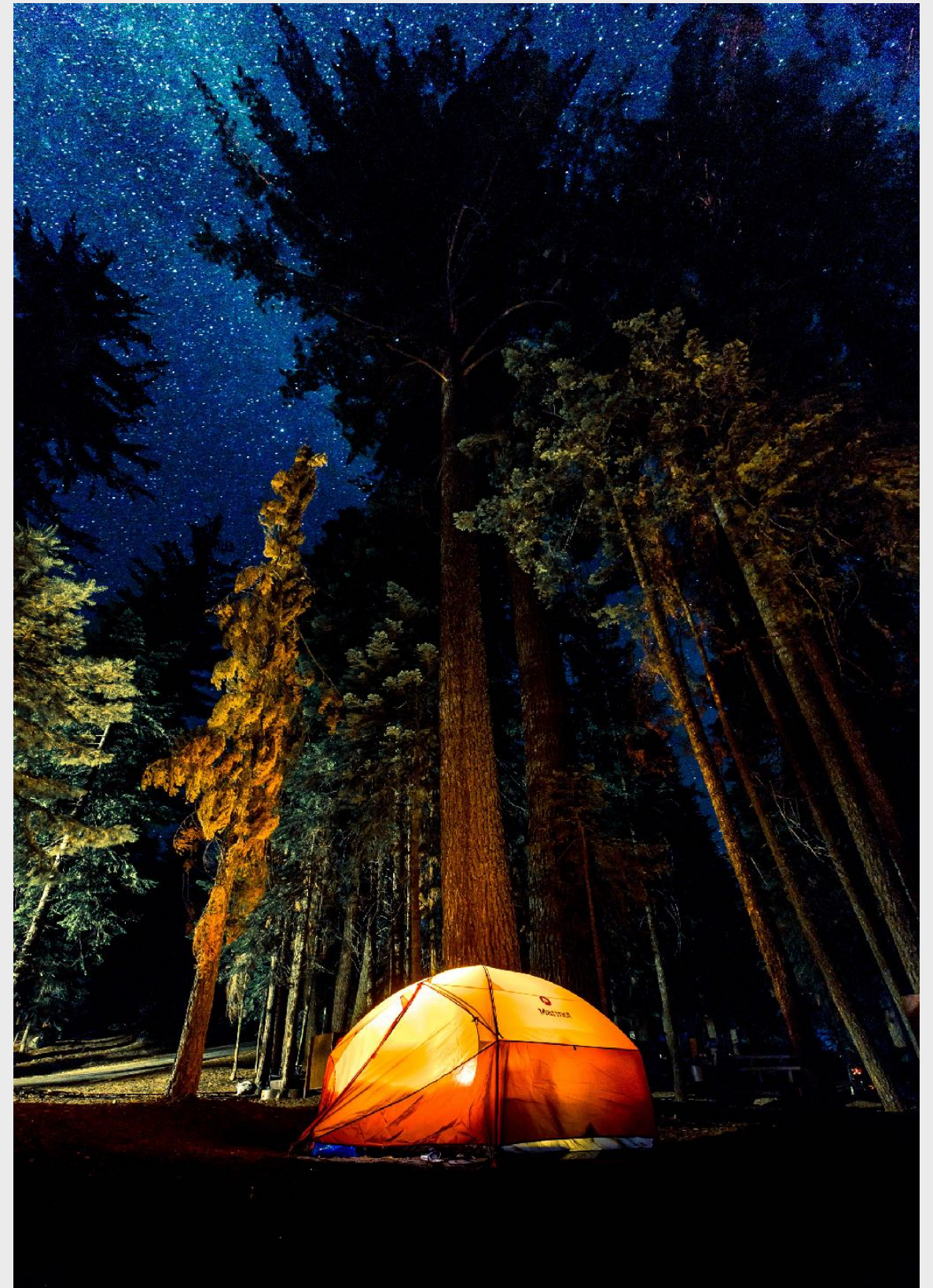|	
ℹ Last week's lecture slides now available	**📅** Response Paper 01 due **next class**!
ℹ Grade Center has been updated with all current grades	**📅** Response Paper 02 due in two weeks
! Reading assignment for next week changed (see updated Syllabus)	**⚠** Field-trip to Yosemite is **next class**!

2 LOREM IPSUM

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- ▸ Tellus magna, lacinia semper convallis nihil lorem, sed felis aptent semper nulla.

- ▸ Quis libero aliquet quisque ante. Et taciti velit at gravida, ante auctor, id erat ac et pede dapibus.

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- ▸ Amet eu sagittis vitae morbi. Justo consectetuer 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

- ▸ Tellus magna, lacinia semper convallis nihil lorem, sed felis aptent semper nulla.

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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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4 SED DO EIUSMOD

COMMODO ODIO

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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:

▶   `.dat`

▶   `...`

nam

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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