SOC 3811:
BASIC SOCIAL STATISTICS

Graphical Representations of Distributions

2020 Fall (08/11/2020-01/...

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SOC 3811 / 5811: Social Statistics (Fall 2020)

Link to "Syllabus Comprehension Quiz"

Video Lecture - Week 1 - Tuesday (9/8)

Video Lecture - Week 1 - Thursday (9/10)

Video Lecture - Week 2 - Tuesday (9/15)

https://www.rob-warren.com/3811.html

Basic Social Statistics - SOC 3811/5811 - Fall 2020

Synchronous Sessions: Tuesdays & Thursdays - 9:45am to 11:00am


Email the Professor

Syllabus


Lecture & Lab Materials


Problem Sets & Exams

Stata Assignments


All Needed Equations


Help with Math

Links to Synchronous Lectures / Labs

LECTURE (Tue/Thu @ 9:45)	Zoom for Lecture
SECTION 2 (Tue @ 12:20)	Zoom for Lab Section 2
SECTION 3 (Tue @ 2:30)	Zoom for Lab Section 3
SECTION 4 (Wed @ 8:00)	Zoom for Lab Section 4
SECTION 5 (Wed @ 10:10)	Zoom for Lab Section 5
SECTION 6 (Wed @ 12:20)	Zoom for Lab Section 6
SECTION 7 (Wed @ 2:30)	Zoom for Lab Section 7
SECTION 8 (Wed @ 4:15)	Zoom for Lab Section 8
SECTION 9 (Thu @ 8:00)	Zoom for Lab Section 9

Instructor / TA Office Hours

Zoom for Rob's Office Hours
Zoom for De Andre's Office Hours
Zoom for Corey's Office Hours
Zoom for Jingkai's Office Hours
Zoom for De Andre's Office Hours
Zoom for Jingkai's Office Hours
Zoom for Corey's Office Hours
Zoom for Neeraj's Office Hours
Zoom for Neeraj's Office Hours

Lecture & Lab Materials

WEEK 1 (Week of 9/7)

Lectures on 9/8

(1) *Go to Canvas and watch the recorded video lecture by the time class starts*

Slides for Recorded Lecture
Download File

(2) *Join the synchronous class session...*

...and/or watch it later

Slides for Synchronous Session
Download File

(3) *Turn in this Worksheet by noon Friday*

Worksheet 1-1
Download File

Lectures on 9/10

(1) *Go to Canvas and watch the recorded video lecture by the time class starts*

Slides for Recorded Lecture
Download File

(2) *Join the synchronous class session...*

...and/or watch it later

(3) *Turn in this Worksheet by noon Friday*

Worksheet 1-2
Download File

Recordings of Labs This Week

Section 2 (Tuesday @ 12:20)

Section 3 (Tuesday @ 2:30)

Section 4 (Wednesday @ 8:00)

Section 5 (Wednesday @ 10:10)

Section 6 (Wednesday @ 12:20)

Section 7 (Wednesday @ 2:30)

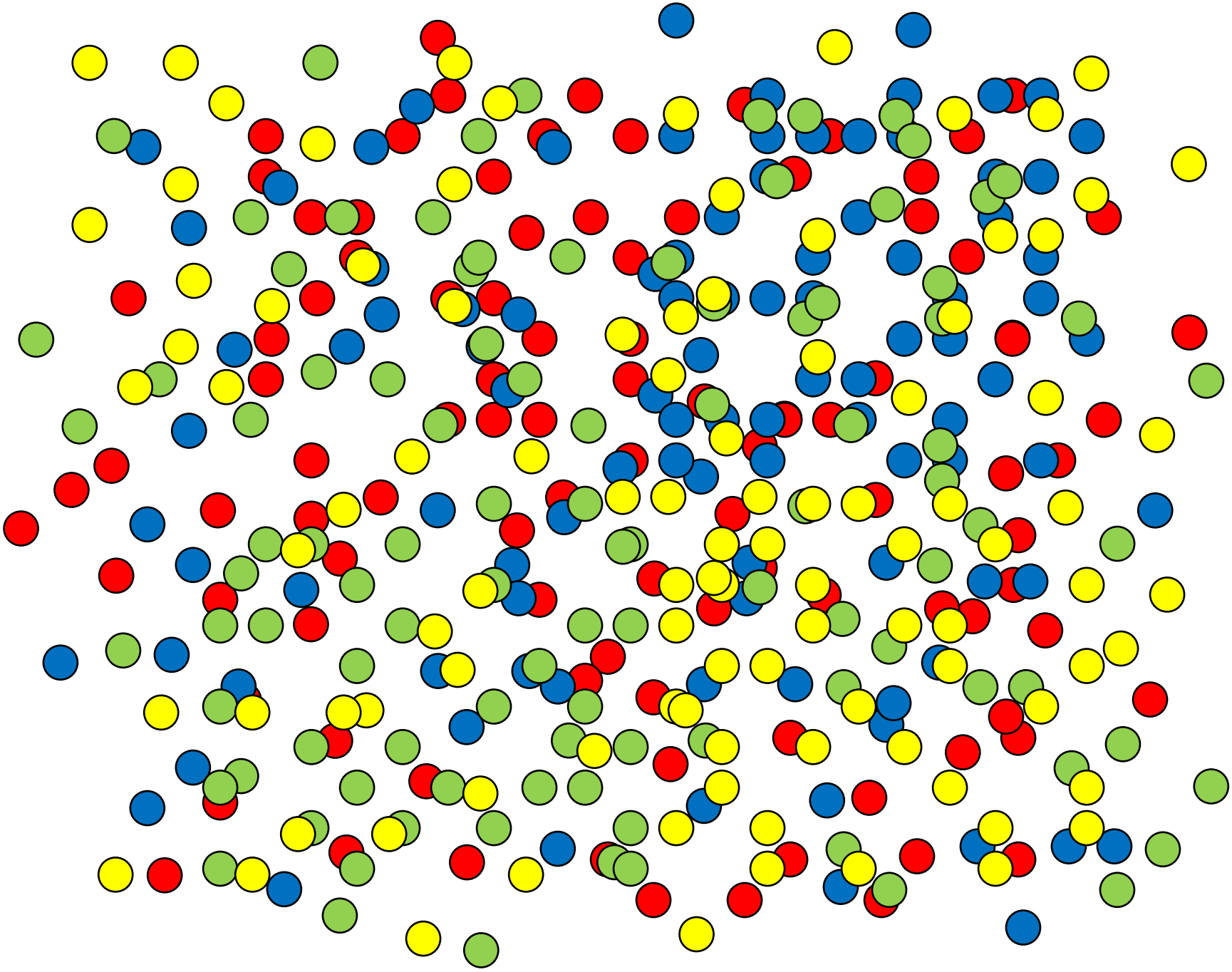
Section 8 (Wednesday @ 4:15)

Section 9 (Thursday @ 8:00)

Questions?

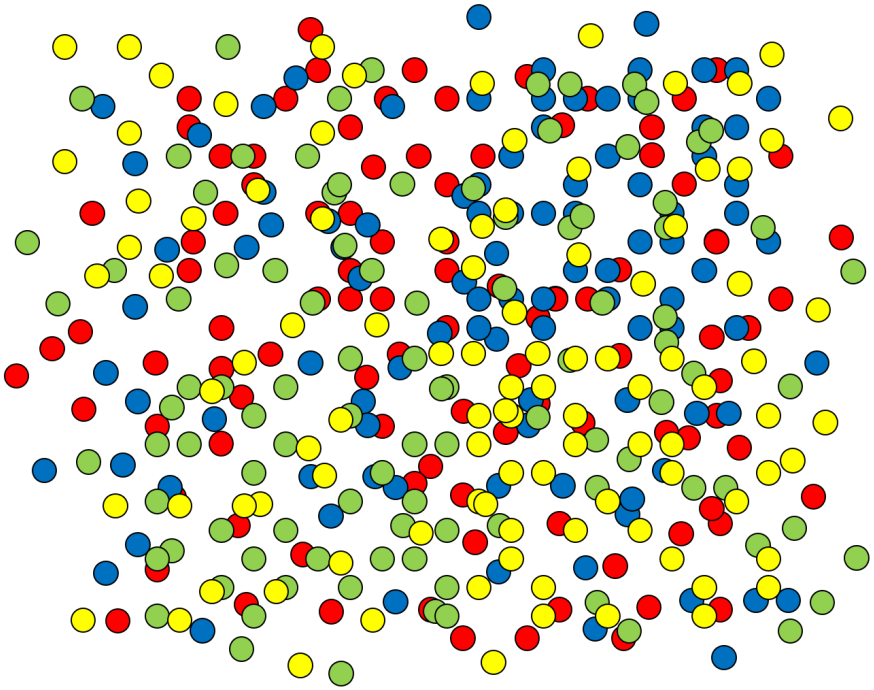
(About the class, the syllabus, the recorded lecture…)

Send me a note via chat in Zoom … I'll answer them now!



Worksheet

How many dots are on the page below (it's the same picture as shown above?



Questions?

Small Group Activity

Knowledge from Distributions

For **nominal** variables, ask:

1. Where are most of the cases located in the distribution?
2. How much variability is there?

For **ordinal** / c**ontinuous** variables, ask:

1. Where is the center of the distribution?
2. How much spread is there around that center?
3. Are there outliers?
4. Is the distribution symmetric or skewed?

Also ask (today): How does this class differ from young Americans in general?

Overall Health

Would you say your own health, in general, is excellent, good, fair, or poor?

Sources: “GSS” data come from the 2016 and 2018 U.S. General Social Surveys, restricted to people age 18-30. “Class” data come from the in-class survey administered on the first day of the semester.

Breakout Rooms

Knowledge from Distributions

For **nominal** variables, ask:

1. Where are most of the cases located in the distribution?
2. How much variability is there?

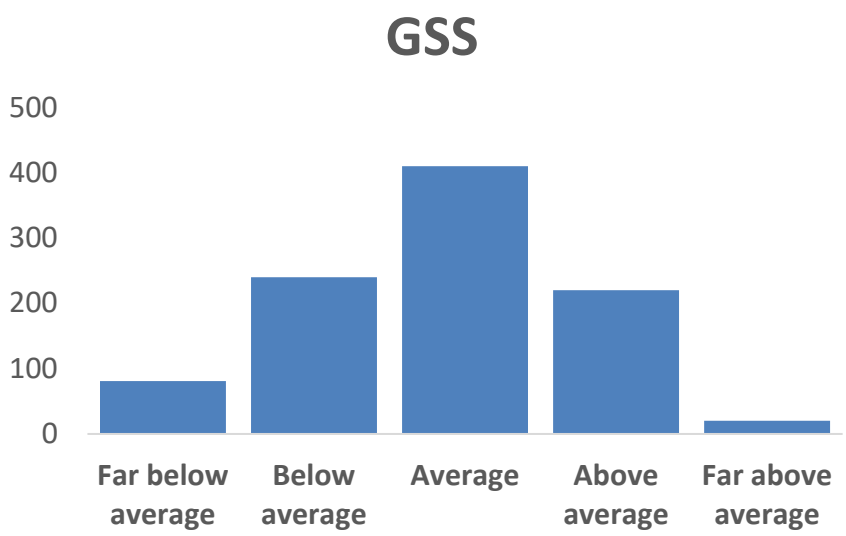
For **ordinal** / c**ontinuous** variables, ask:

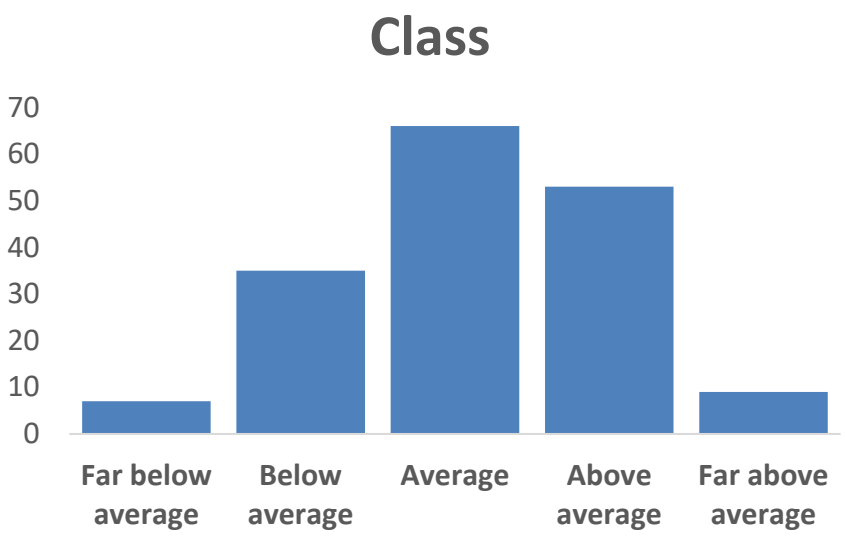
1. Where is the center of the distribution?
2. How much spread is there around that center?
3. Are there outliers?
4. Is the distribution symmetric or skewed?

Also ask (today): How does this class differ from young Americans in general?

Childhood Family Income

Thinking about the time when you were 16 years old, compared with American families in general then, would you say your family income was--far below average, below average, average, above average, or far above average?

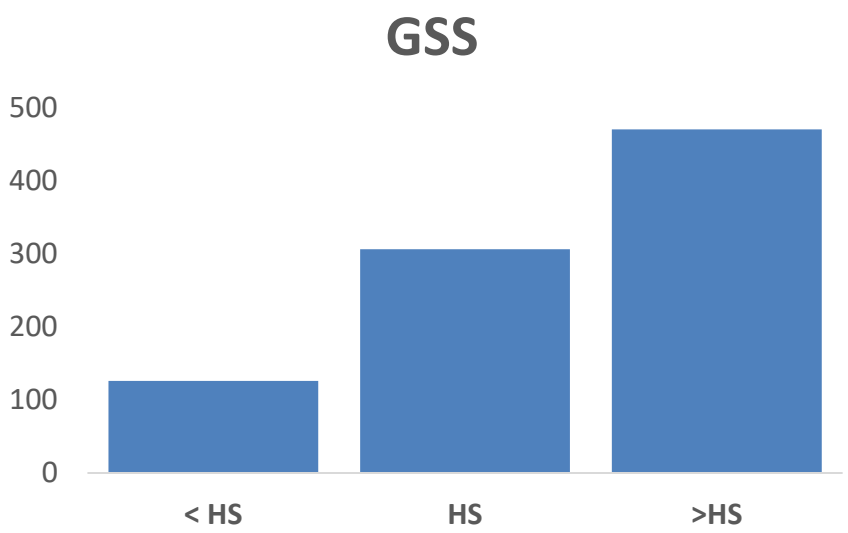


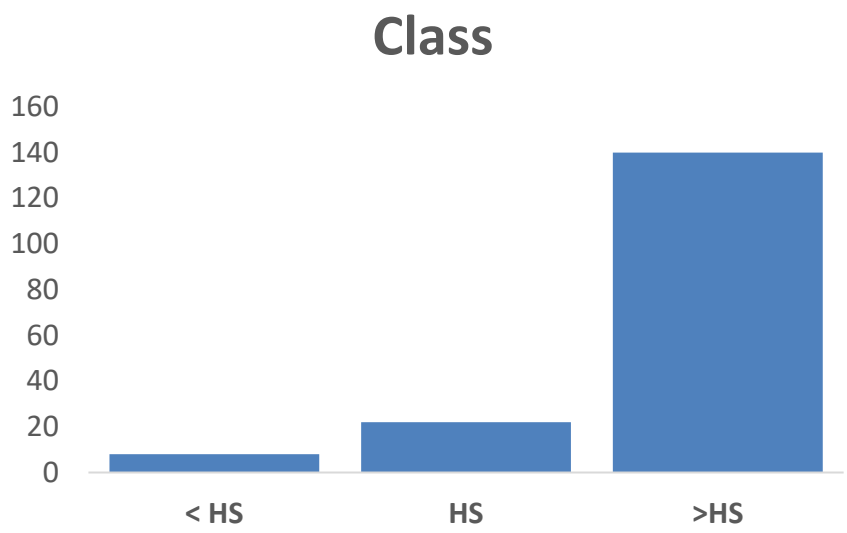


Sources: “GSS” data come from the 2016 and 2018 U.S. General Social Surveys, restricted to people age 18-30. “Class” data come from the in-class survey administered on the first day of the semester.

Mother's Education

What is the highest level of school that your mother finished and got credit for?





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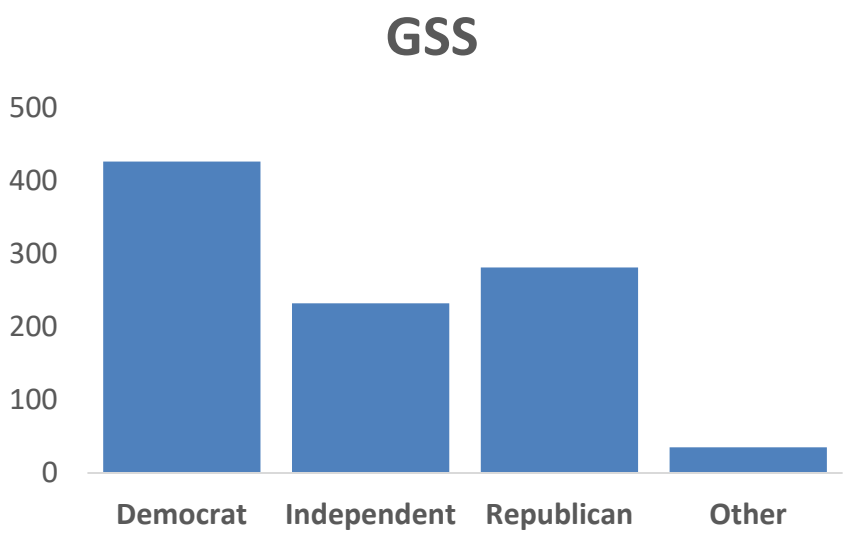
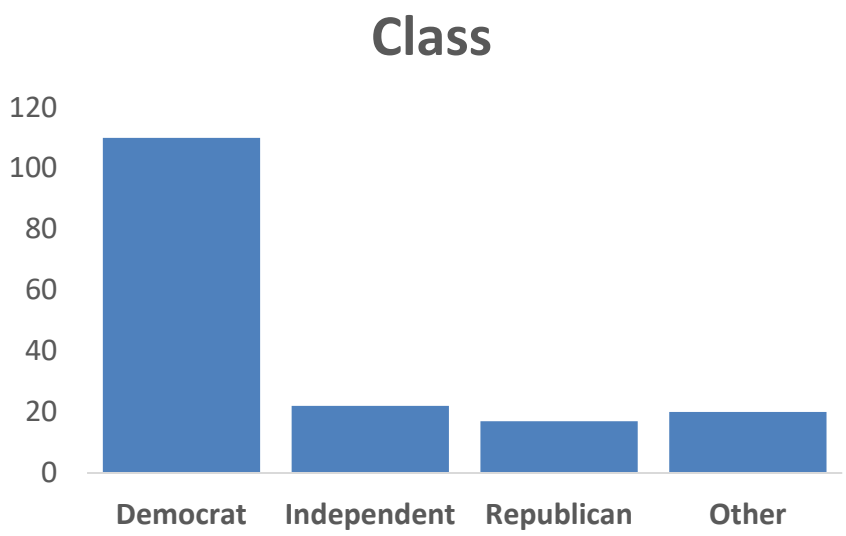
Political Party Affiliation

Generally speaking, do you usually think of yourself as a Republican, Democrat, Independent, or what?





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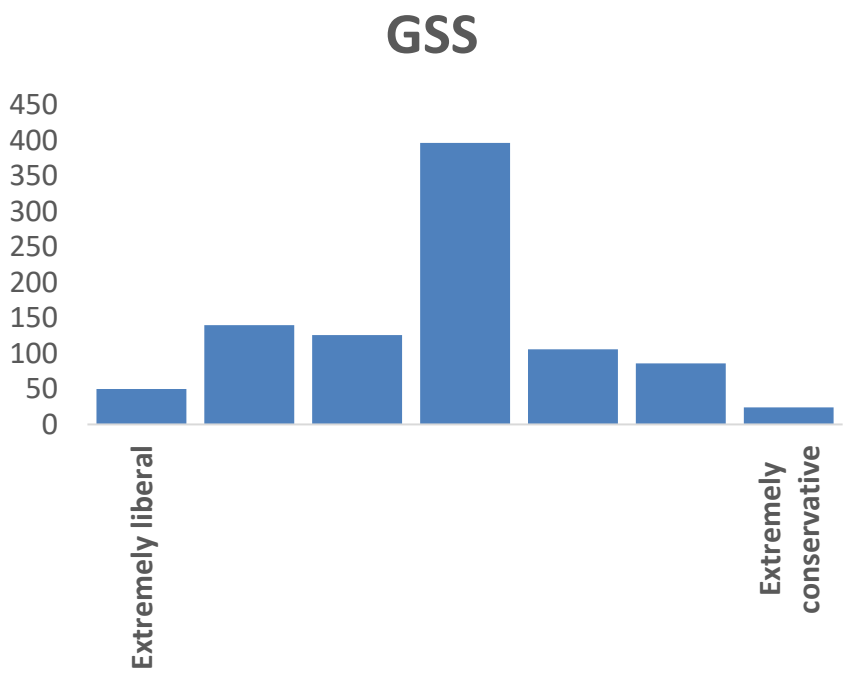
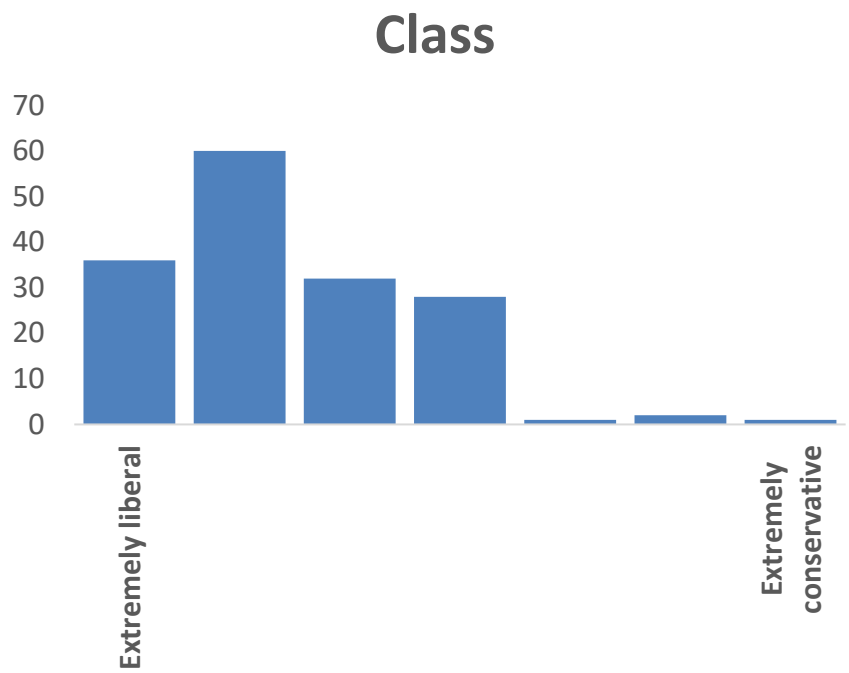
Political Views

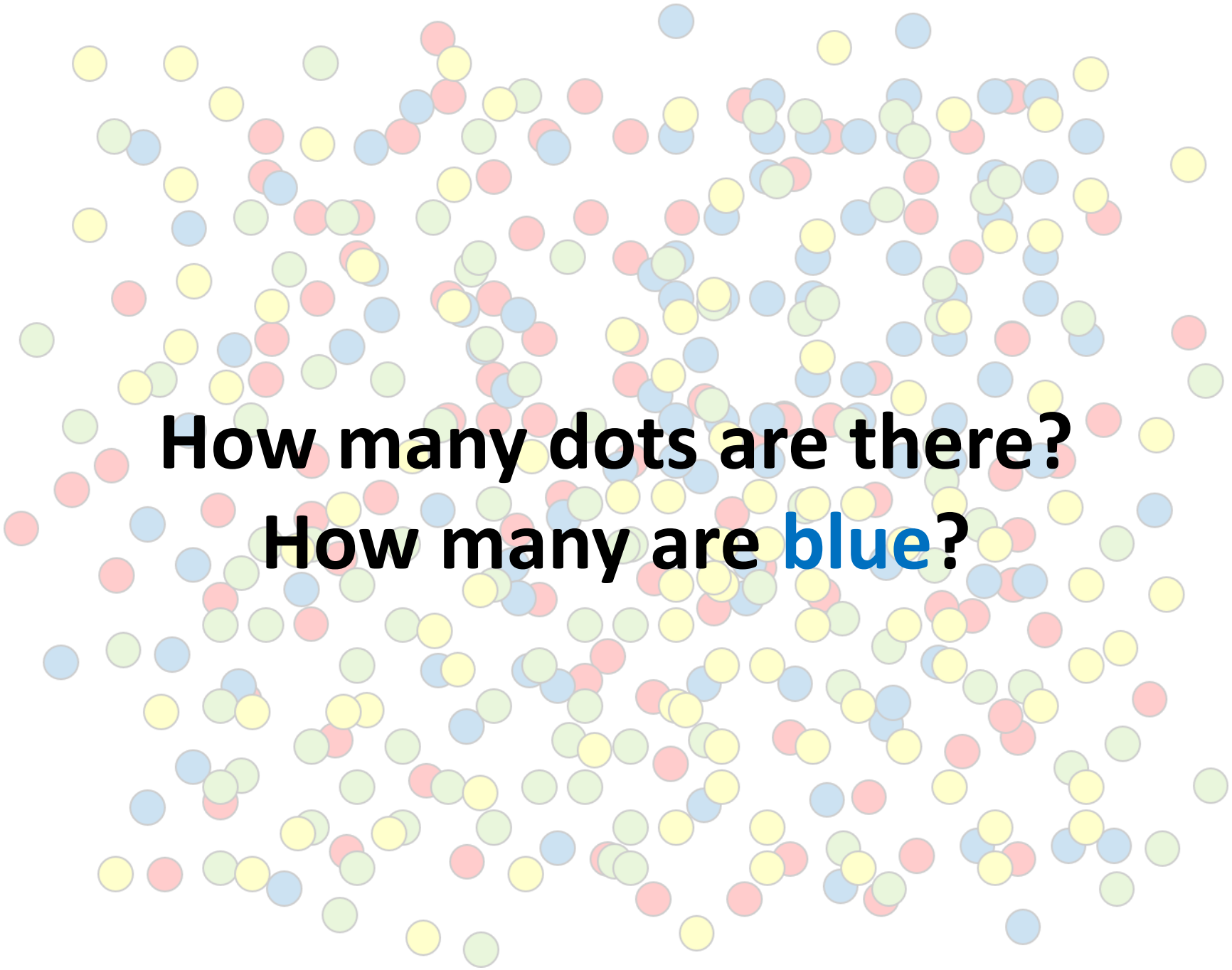
Below is a seven-point scale on which the political views that people might hold are arranged from extremely liberal--point 1--to extremely conservative--point 7. Where would you place yourself on this scale?





Sources: "GSS" data come from the 2016 and 2018 U.S. General Social Surveys, restricted to people age 18-30. "Class" data come from the in-class survey administered on the first day of the semester.

What about those Dots?


How many dots are there?
How many are blue?