




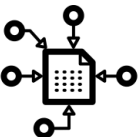






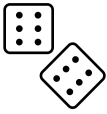









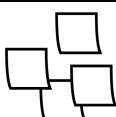




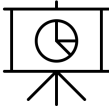


COURSE SCHEDULE

DATE	TOPIC	DUE AT THE BEGINNING OF CLASS	IN-CLASS LAB
Wednesday 8/25	 Introduction to the course		1/Infographic critique and math review
Monday 8/30	 When + why are quant methods useful in research?	Read Pager and Shepherd, "The Sociology of Discrimination: Racial Discrimination in Employment, Housing, Credit, and Consumer Markets," Annual Review of Sociology 34: 181-209 (on Blackboard)	2/When are quantitative methods appropriate?
Wednesday 9/1	 When, how, + why to measure/quantify social "stuff"	Read Harvard University Program on Survey Research, Tip Sheet on Question Wording (on Blackboard) + Read Raskoff, "Measuring Abortion Beliefs" http://www.everydaysociologyblog.com/2009/06/measuring-abortion-beliefs.html (on Blackboard)	3/ Operationalizing
Monday 9/6 – Wednesday 9/8	NO CLASSES		
Monday 9/13	 When/why to design surveys	Read Sternheimer, "The Art and Science of Survey Writing" http://www.everydaysociologyblog.com/2018/04/the-art-and-science-of-survey-writing.html (on Blackboard)	4/Online surveys
Wednesday 9/15	NO CLASS		
Monday 9/20	 How to design sampling strategies	* EXERCISE 1 DUE * + Read https://www.qualtrics.com/experience-management/research/sampling-methods/ + Read Sternheimer, "Sociology and the Census" http://www.everydaysociologyblog.com/2010/03/sociology-and-the-census.html (on Blackboard)	5/Sampling strategies

Wednesday 9/22	 <p>Putting it all together: research design + spreadsheets</p>	<p>Read https://www.kff.org/report-section/kff-covid-19-vaccine-monitor-parents-and-the-pandemic-methodology/ + Read through this Google Forms tutorial: https://support.google.com/a/users/answer/9991170?hl=en&ref_topic=9348489</p>	Group proposal work – turn in progress by end of class
Monday 9/27	 <p>You have a spreadsheet! Now what?: Basic descriptive statistics</p>	<p>* EXERCISE 2 DUE * + Read and examine infographic: https://www.brickunderground.com/live/cost-of-living-infographic-NYC</p>	Group proposal due by end of class
Wednesday 9/29	 <p>Visualizing data</p>	<p>Read Steelberg, “Data Presentation: Showcasing Your Data with Charts and Graphs,” from Creating Data Literate Students (on Blackboard)</p>	6/Graphs and charts in Excel
Monday 10/4	 <p>Summary statistics: measures of central tendency</p>	<p>Read “Central Tendency and Variability” https://soc.utah.edu/sociology3112/central-tendency-variability.php (on Blackboard) + Read Raskoff, “Measures of Central Tendency” http://www.everydaysociologyblog.com/2015/04/measures-of-central-tendency.html (on Blackboard)</p>	7/Measures of central tendency in Excel
Wednesday 10/6	 <p>Summary statistics: measures of dispersion</p>	<p>Read and examine the infographic: https://www.todaysparent.com/blogs/birthdays-most-common/ Look at these examples of histograms, pick a favorite, and come prepared to explain why: https://www.reddit.com/r/dataisbeautiful/search/?q=histogram&restrict_sr=1</p>	8/Measures of dispersion in Excel
Monday 10/11	NO CLASS		
Wednesday 10/13	 <p>MIDTERM REVIEW</p>	Come prepared with questions!	
Monday 10/18	 <p>MIDTERM EXAM</p>		

Wednesday 10/20	 Probabilities + Z-scores + the “normal distribution”	Listen (9 minutes): https://www.npr.org/2021/05/19/998375633/were-bad-at-calculating-risk Read https://thesocietypages.org/socimages/2019/09/11/normal-distributions-in-the-wild/	9/Probabilities and risk
Monday 10/25	 The logic behind polling: the sampling distribution	Read https://fivethirtyeight.com/features/the-polls-werent-great-but-thats-pretty-normal/ SUST students read https://www.cdc.gov/healthywater/surveillance/wastewater-surveillance/developing-a-wastewater-surveillance-sampling-strategy.html	10/Evaluating polls
Wednesday 10/27	 Estimation, confidence intervals, + the margin of error	Read Sternheimer, “Get to Know MoE: Why the Margin of Error Matters” http://www.everydaysociologyblog.com/2016/02/get-to-know-moe-why-the-margin-of-error-matters.html (on Blackboard) + Read https://www.kff.org/report-section/kff-covid-19-vaccine-monitor-parents-and-the-pandemic-methodology/	11/Confidence intervals + margin of error
Monday 11/1	 QUIZ REVIEW	Come prepared with questions!	
Wednesday 11/3	 QUIZ		
Monday 11/8	 Intro to bivariate analysis + T-tests	Everyone read: https://www.urban.org/research/data-methods/data-analysis/quantitative-data-analysis/impact-analysis/paired-testing SOC students read: Whaling et al. (2020), “Reduced child maltreatment prevention service case openings during COVID-19” (https://www.srs.fs.usda.gov/pubs/ja/2017/ja_2017_johnson_003.pdf)	12/T-tests

			SUST students read: Weber et al. (2017) “The impact of urban greenways on residential concerns: Findings from the Atlanta BeltLine Trail” (https://www.srs.fs.usda.gov/pubs/ja/2017/ja_2017_johnson_003.pdf)	
Wednesday 11/10	χ^2	Bivariate tables + Chi square	Read Misra et al. (2020), “Determinants of Depression Risk among Three Asian American Subgroups in New York City” (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7518536/)	13/Bivariate tables and chi square
Monday 11/15		Working with bivariate tables in Excel	https://methods.sagepub.com/Book/data-visualization-and-presentation-with-microsoft-office (EMILY F – help?)	14/Bivariate tables in Excel
Wednesday 11/17		Visualizing info from bivariate tables	https://methods.sagepub.com/Book/data-visualization-and-presentation-with-microsoft-office (EMILY F – help?)	15/Visualizing bivariate relationships
Monday 11/22		When you have interval variables: Scatterplots Correlation	* EXERCISE 3 DUE * + Read Ryzin et al. (2008), “ Measuring Street Cleanliness: A Comparison of New York City’s Scorecard and Results from a Citizen Survey” (https://www-proquest-com.ez-proxy.brooklyn.cuny.edu/docview/197174673?OpenUrlRefId=info:xri/sid:primo&accountid=7286)	16/Scatterplots + correlation in Excel
Wednesday 11/24		Getting fancier: Simple regression	Read https://methods.sagepub.com/reference/encyclopedia-of-survey-research-methods/n461.xml (Emily F – help?)	17/Regression in Excel
Monday 11/29		Bivariate analysis review		18/Interpreting bivariate analyses
Wednesday 12/1		Group research and preparation	* EXERCISE 4 DUE *	
Monday 12/6		Group research and preparation		

Wednesday 12/8		Presentations	* INDIVIDUAL REPORT + INFOGRAPHIC DUE *	
Monday 12/13		Review for final	Come prepared with questions!	
Monday 12/20		FINAL EXAM	NOTE: 1-3p	