CSE P 590

Building Data Analysis Pipelines

Fall 2024



Significance and confidence



Today

- Housekeeping: Group work and grading
- Recap: Terminology
- Live demo: Statistical significance
- In-class exercise 4

Canvas groups

How we see them



How you see them

Collaborations UW Libraries	• In-class-1-R 49 In-class-1-R	2 students	£
Panopto Recordings Zoom People UW Resources Poll Everywhere Ed Discussion Files	In-class-1-R 50 In-class-1-R	0 students	ß
	In-class-2-data-wrangling 1 In-class-2-data-wrangling	2 students	۵
	In-class-2-data-wrangling 2 In-class-2-data-wrangling	2 students	8

Housekeeping

Groups and group sets on Canvas	Grading	
In-class 3 In-class 4	 Holistic grading – reasoning and justifications Fine-grained grading breakdown (now) on each assignment Completion Questions Optional questions Reach out with questions/concerns 	
Self-assign to a group by Friday EOD		
	Population vs. Sample vs.	. Sampling distribution
Recap: Terminology	 Population All possible individuals Parameters μ: mean, σ: standard deviation 	 Sample A subset of the population Sample statistics x̄: mean, s: standard deviation
Recap. Terminology	 Sampling distribution Distribution of the sample statistic (e.g., mean) 	



