

Math 110 Assessment Fall 2023 (Collective)

Results Explorer

Count scores from:

Section Direct and Collective Scores

Course

MATH110 - Introduction to Statistics

Terms

Fall 2023

Show results as:

Count

Include Inactive SLOs



ed on statistical reasoning and supported by critical thinking, students should be able to read andcritique simple statistics-based studies in order to make an informed judgment on the r iion CSLO 2: Students should be able to apply the basic principles of study design to develop and analyze the validity of simpleexperiments and sampling plans related to a given situa aw data using graphical, tabular, and analyticalexploratory tools in order to investigate and describe patterns in data with the goal of describing shape, center, and spread within a quan ly toperform statistical tests or find confidence intervals, explain the concepts underlying inference, and interpret results in a context. Students will also use correlation coefficients and s 1 2) CSLO 5: Students will be able to explain in layman's terms how variability and probability areconnected to statistical inference, as well as be able to interpret and apply basic laws (





SLO Performance Term by Term

Assessment Rubric

	Meets expectations	Does not meet expectations	
SLO	2	1	N/A
Statistical Literacy (PSLOS 1 and 2) CSLO 1: Based on statistical reasoning and supported by critical thinking, students should be able to read andcritique simple statistics-based studies in order to make an informed judgment on the reliability of the statistical presentation or argument.	230	62	69
Data Production CSLO 2: Students should be able to apply the basic principles of study design to develop and analyze the validity of simpleexperiments and sampling plans related to a given situation and goal.	223	64	74
Data Exploration and Representation (PSLOS 2, 3, and 4) CSLO 3: Students will be able to examine raw data using graphical, tabular, and analyticalexploratory tools in order to investigate and describe patterns in data with the goal of describing shape, center, and spread within a quantitativedata set, making comparisons among data sets, and looking for relationships between data sets.	222	64	75
Modeling and Inference (PSLOS 1, 3 and 4) CSLO 4: Students will analyze data to identify an appropriate statistical model, use technology toperform statistical tests or find confidence intervals, explain the concepts underlying inference, and interpret results in a context. Students willalso use correlation coefficients and scatterplots to determine if a linear regression model is appropriate, then find, use, and interpret linearregression models when appropriate.	198	83	80

The Role of Probability in Inference (PSLOS 1 and 2) CSLO 5: Students will be able to explain in layman's terms how variability and			
probability areconnected to statistical inference, as well as be able to interpret and apply basic laws and concepts of probability to	197	84	80
sampling distributions.			

Faculty Reflections

Assessment Quality & Improvement Reflection

(Not Responded)	Course MATH110 - Introduction to Statistics	2303	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	(Not Responded)					
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	(Not Responded)					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	(Not Responded)					
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
(Not Responded)	Course MATH110 - Introduction to Statistics	2301	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	(Not Responded)					

What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	(Not Responded)					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	(Not Responded)					
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(c) Simple time N/A if	(Not Responded)					
you are not creating any custom question(s) and answer(s).						
you are not creating any custom question(s) and answer(s).	Course MATH110 - Introduction to Statistics	2237	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
<pre>question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).</pre> (Not Responded) What did you learn from the assessment about student learning and your own teaching?	Course MATH110 - Introduction to Statistics (Not Responded)	2237	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
question(s). Simply type N/A ifyou are not creating any customquestion(s) and answer(s).(Not Responded)What did you learn from theassessment about studentlearning and your ownteaching?What do you plan to do nexttime to improve studentlearning in this course? Identifystrategies to try that mayimprove student learning.	Course MATH110 - Introduction to Statistics (Not Responded) (Not Responded)	2237	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
 Question(s). Simply type N/A if you are not creating any custom question(s) and answer(s). (Not Responded) What did you learn from the assessment about student learning and your own teaching? What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning. How will the results of this assessment be used to improve student learning in the program? What is your plan of action? 	Course MATH110 - Introduction to Statistics (Not Responded) (Not Responded) (Not Responded) (Not Responded)	2237	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
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Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
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(Not Responded)	Course MATH110 - Introduction to Statistics	2272	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
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(Not Responded)	Course MATH110 - Introduction to Statistics	2270	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
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ľ	Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
	(Not Responded)	Course MATH110 - Introduction to Statistics	2251	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
	Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
	Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	(Not Responded)					
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	question(s) and answer(s).						
	question(s) and answer(s). (Not Responded)	Course MATH110 - Introduction to Statistics	2253	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
	 question(s) and answer(s). (Not Responded) Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s). 	Course MATH110 - Introduction to Statistics (Not Responded)	2253	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
	 question(s) and answer(s). (Not Responded) Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s). Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s). Simply type N/A if you are not creating any custom question(s) and answer(s). 	Course MATH110 - Introduction to Statistics (Not Responded) (Not Responded)	2253	Organization LMC Mathematics	Date	Activity Math 110 Assessment Fall 2023	Highlight
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Anonymous	Course MATH110 - Introduction to Statistics	Anonymous	Organization LMC Mathematics	Date 2/6/2024	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	l learned that students demon	strated good master	y in most of the topics,			*
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	l plan to engage students in m	ore rigorous thinking	; and taking responsibility	for their learning.		*
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	Pay attention to those areas w	here they were defic	ient and try new strategies	s to improve success		*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	NA					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	NA					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	NA					*
Gonzalinajec, Nidia	Course MATH110 - Introduction to Statistics	Anonymous	Organization LMC Mathematics	Date 4/5/2024	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	Of my active students, the maj	ority are meeting the	e learning outcomes.			*
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	As I offer various Student Safet valuable since it is not my place given towards the end of the s semester chose not to submit towards improving my teachin department required assignme	ty Nets, students kno e to demand perfecti emester. As such, ma it. Unfortunately this g. Having the ability t ents) would allow me	w they can miss some ass ion.) The department-requ any students who had alre leaves me in the position to assess CSLO's based on the flexibility in gaining fu	ignments and still p lired assignment use ady worked very har of not being able to assignments I regul urther insights into n	ass the course. (I feel this is ed for CSLO assessment was rd on throughout this garner many insights arly use (not the ny teaching.	*

How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	n/a					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*
Magante, Maria	Course MATH110 - Introduction to Statistics	2320	Organization LMC Mathematics	Date 4/3/2024	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	Many students don't turn in the strategies to encourage stude	heir assignments espo ents to turn in work ar	ecially during the later par nd come to tutoring or offi	t of the course. l w ice hours for help.	ill find more effective	*
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	For a completely online cours assignments or provide instru watching the lecture and takin assignments.	e, create more videos uctions through video ng notes. Find more w	;, in addition to the lecture s in addition to written on vays to encourage collabor	e videos, to summa es. Find ways to en rative learning onlii	rize lessons, give hints on sure that students are ne, in addition to discussion	*
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	Identify areas in the course th and how to encourage studer	nat students are havin nts to turn in higher q	g trouble with. Find more uality work.	ways to improve s	tudy strategies for students	*
Use this space for any						
department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*

Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*
	Course		Organization	Date	Activity	Highlight
Magante, Maria	MATH110 - Introduction to Statistics	0923	LMC Mathematics	4/3/2024	Math 110 Assessment Fall 2023	
What did you learn from the assessment about student learning and your own teaching?	Some students had trouble wi interpreting a slope precisely a precisely. Many are able to ide calculate a standard error. I wi more information about these	th: distinguishing bet as a unit rate, distingu entify bias, identify th ill think of ways to tea e in my packet and pr	ween observational vs ex uishing between a param e direction of a correlatic ach the topics that studer ovide more exercises, to	xperimental studies leter vs a statistic, a n, use the regressio nts had trouble with help students build	and sampling methods, nd interpreting a p-value on line to make a prediction, more effectively. I will add their understanding.	*
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	For a completely online course assignments or provide instru- watching the lecture and takin assignments.	e, create more videos ctions through video: ng notes. Find more w	i, in addition to the lectur s in addition to written or vays to encourage collabo	e videos, to summa nes. Find ways to er prative learning onli	rize lessons, give hints on Isure that students are ne, in addition to discussion	*
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	Identify areas in the course the and how to encourage studen	at students are havin ts to turn in higher qı	g trouble with. Find more uality work.	e ways to improve s	tudy strategies for students	*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*

Magante, Maria	Course MATH110 - Introduction to Statistics	2332	Organization LMC Mathematics	Date 4/3/2024	Activity Math 110 Assessment Fall 2023	Highlight		
What did you learn from the assessment about student learning and your own teaching?	Some students had trouble wit distinguishing between a parar the direction and strength of a an observed value is statistical the topics that students had tro more exercises, to help studen	th: distinguishing betw meter vs a statistic, ar correlation, use the r significant or not, int ouble with more effect tts build their underst	ween observational vs exp nd interpreting a p-value p regression line to make a erpret the slope and y-int ctively. I will add more info tanding.	perimental studies ar precisely. Many are a prediction, calculate ercept in context. I w prmation about thes	nd sampling methods, ble to identify bias, identify a standard error, identify if /ill think of ways to teach e in my packet and provide	*		
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	For a completely online course assignments or provide instruc watching the lecture and taking assignments.	or a completely online course, create more videos, in addition to the lecture videos, to summarize lessons, give hints on ssignments or provide instructions through videos in addition to written ones. Find ways to ensure that students are <i>v</i> atching the lecture and taking notes. Find more ways to encourage collaborative learning online, in addition to discussion ssignments.						
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	ldentify areas in the course tha and how to encourage student	at students are having ss to turn in higher qu	g trouble with. Find more Jality work.	ways to improve stu	dy strategies for students	*		
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*		
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*		
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	n/a					*		
Matthews, Shaw	Course MATH110 - Introduction to Statistics	2225	Organization LMC Mathematics	Date 12/19/2023	Activity Math 110 Assessment Fall 2023	Highlight		

What did you learn from the assessment about student learning and your own teaching?	This course used the Math 110 The sample size is too small to for the student attainment pro situation. Math 110 CSLO Cour (.51, 1.00) 4 5 4 (.23, .88) 5 5 4 (indicate the course is highly su analysis for this situation, but success or lack of success. A st the CSLO with the least showe sample size. Maybe the depart could let my own ideas allow n good a job of probability relate beginning, so this is not surpri consider how we could distribut	D activity packet version of the provided and the provided as	on 2.5 and associated Car tical conclusions from the te confidence interval are t of Non-successes 95% cc he confidence intervals cc Math 110 CSLOs. It would o small for an overall test of the student attainment i icant difference, but this c ignificant indications whe ation in the lower values fi er approaches. This was a grengthen this aspect of the mphasis on probability the	was shell. This was a data. A table of the truncated to 1.00 wl onfidence Interval 1 ontain levels of stude have been nice to g of how these CSLOs n the CSLO with the conclusion is suspect on CSLOs 4 and 5 that design decision for he course. I would im- proughout the later s	a synchronous online course. resulting confidence interval hen needed to match the 8 1 (.68, 1.00) 2 9 0 N/A 3 7 3 ent attainment that would et a statistically useful may be related to student most student success and a due again to the small ated to departmental level. I at the course does not do as the activity packet from the vite the department to sections of the course.	*
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	One continuing goal I have is t activities we use during in-per Student participation in discus more ways of getting students	to add more ways for son classes. l use sev sions is traditionally i individually involved	online students to take a eral now, but l can plan to weak after a few weeks in with data analysis activiti	dvantage of some of o structure more of t to the course, for ex es, particularly expe	the students-to-student hem into the Canvas shell. ample. I also want to find riences using StatCrunch.	*
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	Unfortunately, many students of the exam. I believe that this of the exam allows a barely be coupled with some students' r participation rate. Restructurir students to work more with da	did not take this asse stems from a low lev elow passing score to eluctance to engage i ng the distribution of ata analysis on the ex	essment instrument serio vel of attainment expectat barely passing score for c in data analysis activities o the points for the two par am.	usly and did not com ion on the part of th completing the multi on exams may have rts of the exam may	nplete the data analysis part ose students. The structure ple choice parts only. That contributed to a low help motivate more	*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*
Rust, Tue	Course MATH110 - Introduction to Statistics	2305	Organization LMC Mathematics	Date 5/7/2024	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	Students are learning the SLO	S.				*

What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	Increase synchronous time wi	Increase synchronous time with students by teaching in person and increasing hours for synchronous online classes.					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	l will continue to push for "les:	s is more" in the depa	artment. We are teaching	g way too much ma	terial.	*	
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*	
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*	
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*	
Rust, Tue	Course MATH110 - Introduction to Statistics	2330	Organization LMC Mathematics	Date 5/7/2024	Activity Math 110 Assessment Fall 2023	Highlight	
What did you learn from the assessment about student learning and your own teaching?	Students are learning the SLO	s based on my teach	ing.			*	
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	More contact hours with stude	ents				*	
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	l continue to push for reducin do with real statistics. Student linear algebra. This course sho being shoved down students'	g content in this cour s are in NO WAY und ould be very light in c throats.	rse. Math 110 is an INTRC lerstanding real statistics ontent. We are funneling	DDUCTION to statis for that requires a students into failu	tics course. It has NOTHING to thorough understanding of re with the amount of material	*	
Use this space for any department or discipline	N/A						

Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*
Von Bergen, Julie	Course MATH110 - Introduction to Statistics	2251	Organization LMC Mathematics	Date 1/16/2024	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	Students struggled most with the question related to CSLO 5, the role of probability in inference. There are a few students still misinterpreting P values in making conclusions from hypothesis tests, and a few students struggling to correctly interpret confidence intervals. Students performed well in data production (CSLO 2) and data exploration (CSLO 3).					
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	This semester we tried a low stakes assessment in the form of lab assignment questions. Giving the assessment at the end of the semester, I did not have as much participation as I might have had at the middle of the semester. To improve student learning related to the role of probability in inference (CSLO 5), I will be asking students to interpret P values at both the 0.05 and 0.01 significance levels. On future assessments, I will also have more opportunity for students to demonstrate understanding of CSLO 5.					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	In spring 2024, colleagues will meet to discuss the overall results from our Math 110 sections, and to plan areas of adjust to curriculum and the course outline.					
	Course		Organization	Date	Activity	Highlight
Von Bergen, Julie	MATH110 - Introduction to Statistics	2253	LMC Mathematics	1/16/2024	Math 110 Assessment Fall 2023	
What did you learn from the assessment about student learning and your own teaching?	Students struggled most with the question related to CSLO 5, the role of probability in inference. There are a few students still misinterpreting P values in making conclusions from hypothesis tests, and a few students struggling to correctly interpret confidence intervals. Students performed well in data production (CSLO 2) and data exploration (CSLO 3).					
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	This semester we tried a low stakes assessment in the form of lab assignment questions. Giving the assessment at the end of the semester, I did not have as much participation as I might have had at the middle of the semester. To improve student learning related to the role of probability in inference (CSLO 5), I will be asking students to interpret P values at both the 0.05 and 0.01 significance levels. On future assessments, I will also have more opportunity for students to demonstrate understanding of CSLO 5.					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	In spring 2024, colleagues will meet to discuss the overall results from our Math 110 sections, and to plan areas of adjust to curriculum and the course outline.					*
Von Bergen Julie	Course	2270	Organization	Date	Activity	Highlight

What did you learn from the assessment about student learning and your own teaching?	Students struggled most with the question related to CSLO 5, the role of probability in inference. There are a few students still misinterpreting P values in making conclusions from hypothesis tests, and a few students struggling to correctly interpret confidence intervals. Students performed well in data production (CSLO 2) and data exploration (CSLO 3).					
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	This semester we tried a low stakes assessment in the form of lab assignment questions. Giving the assessment at the end of the semester, I did not have as much participation as I might have had at the middle of the semester. This section had a very low response rate on the last assignment. To improve student learning related to the role of probability in inference (CSLO 5), I will be asking students to interpret P values at both the 0.05 and 0.01 significance levels. On future assessments, I will also have more opportunity for students to demonstrate understanding of CSLO 5.					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	In spring 2024, colleagues will meet to discuss the overall results from our Math 110 sections, and to plan areas to adjust for curriculum and the course outline.					
Von Bergen, Julie	Course MATH110 - Introduction to Statistics	2272	Organization LMC Mathematics	Date 1/16/2024	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	Students struggled most with the question related to CSLO 5, the role of probability in inference. There are a few students still misinterpreting P values in making conclusions from hypothesis tests, and a few students struggling to correctly interpret confidence intervals. Students performed well in data production (CSLO 2) and data exploration (CSLO 3).					
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	This semester we tried a low stakes assessment in the form of lab assignment questions. Giving the assessment at the end of the semester, I did not have as much participation as I might have had at the middle of the semester. To improve student learning related to the role of probability in inference (CSLO 5), I will be asking students to interpret P values at both the 0.05 and 0.01 significance levels. On future assessments, I will also have more opportunity for students to demonstrate understanding of CSLO 5.					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	In spring 2024, colleagues will meet to discuss the overall results from our Math 110 sections, and to plan areas to adjust for curriculum and the course outline.					*
	Course		Organization	Date	Activity	Highlight
Wolf, Von	MATH110 - Introduction to Statistics	2304	LMC Mathematics	4/29/2024	Math 110 Assessment Fall 2023	
What did you learn from the assessment about student learning and your own teaching?	Many students have difficulty with reading comprehension and understanding the information provided in a given problem. I may spend more time helping students develop that skill.					*
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	I will spend more time helping students interpret the information presented in a problem and noticing the differences between different types of questions. I've always placed a little more emphasis on interpreting and analyzing the validity conclusions based on statistical analysis, and I plan to place even more emphasis on this in future classes.					*
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	As always, the end of semester assessments are analyzed to determine which concepts could be taught differently or emphasized more. More time will be spent and a greater variety of examples will be provided where students will analyze information to make sense of the question. I also plan to incorporate several group exercises where students will present their group's analysis of a statistical method.					*

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Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*
Anonymous	Course MATH110 - Introduction to Statistics	Anonymous	Organization LMC Mathematics	Date 12/18/2023	Activity Math 110 Assessment Fall 2023	Highlight
What did you learn from the assessment about student learning and your own teaching?	l think students are starting to tools better than I thought	really thrive in the a	synchronous learning en	vironment and can l	earn well with self-paced	*
What do you plan to do next time to improve student learning in this course? Identify strategies to try that may improve student learning.	Students asked me for tutorials for Statcrunch, labs, and projects which I started doing for them, I would like to have these better prepared before the class starts so that students can have time to look over them.					
How will the results of this assessment be used to improve student learning in the program? What is your plan of action?	My plan of action is to remind myself of the objectives more regularly throughout the semesters to make sure I am assessing students and if they are on track to understand the SLOs better before getting to the end of the semester.					
Use this space for any department or discipline specific question(s) and answer(s) to that/those question(s). Simply type N/A if you are not creating any custom question(s) and answer(s).	N/A					*
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