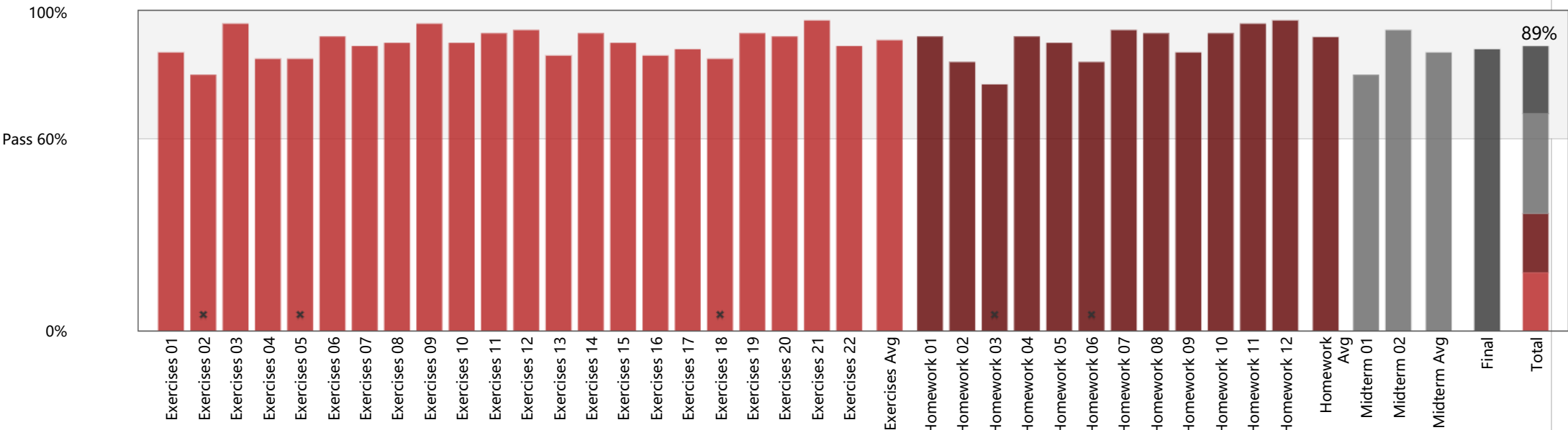


Course Progress for Student 'sakimarquis' (sakimarquis@qq.com)



Unit 0. Course Overview, Syllabus, Guidelines, and Homework on Prerequisites

Course overview

No problem scores in this section

edX Tutorial

No problem scores in this section

Discussion forum and collaboration guidelines

No problem scores in this section

Homework mechanics and standard notation

Practice Scores: 0/0 0/0 0/0 0/0 0/0 0/0 0/0

Micromasters, Certification, and Honor Pledge

Practice Scores: 0/0

Homework 0: Probability and Linear algebra Review (49/53) 92%

Homework due Feb 20, 2019 07:59 CST

Problem Scores: 1/1 3/3 3/3 1/1 2/2 5/5 4/4 2/2 4/4 2/3 0/1
1/2 3/3 0/1 2/2 4/4 1/1 6/6 1/1 4/4 0/0 0/0
0/0 0/0 0/0 0/0 0/0 0/0

Entrance Survey

Entrance survey.

No problem scores in this section

Unit 1 Introduction to statistics

Lecture 1: What is statistics (13/15) 87%

Exercises due Feb 20, 2019 07:59 CST

Problem Scores: 1/1 2/2 2/2 2/2 1/1 1/1 1/1 1/2 0/1 1/1 0/0
1/1

Lecture 2: Probability Redux (26.5/33) 80%

Exercises due Feb 20, 2019 07:59 CST

Problem Scores: 2/3 1/1 0/1 4/4 2/2 1/1 0/1 1/1 1/1 0/1 1/1
1/1 0.5/2 3/4 3/3 1/1 4/4 1/1

Unit 2 Foundation of Inference

Lecture 3: Parametric Statistical Models (23/24) 96%

Exercises *due Feb 28, 2019 07:59 CST*

Problem Scores:	1/1	1/1	1/1	1/1	2/2	4/4	1/1	0/0	2/2	1/1	1/1
	2/2	2/2	1/1	1/1	1/1	1/1	0/1				

Lecture 4: Parametric Estimation and Confidence Intervals (22/26) 85%

Exercises *due Feb 28, 2019 07:59 CST*

Problem Scores:	1/1	1/1	0/1	1/1	1/1	0/0	1/1	1/1	0/1	0/1	0/1
	1/1	4/4	1/1	2/2	2/2	3/3	3/3				

Recitation 1. Confidence Intervals of the mean of Gaussian random variables

No problem scores in this section

Homework 1: Estimation, Confidence Interval, Modes of Convergence (38/45) 84%

Homework *due Feb 28, 2019 07:59 CST*

Problem Scores:	4/4	2/4	2/2	1/2	0/0	1/1	1/1	2/2	2/3	2/2	1/1
	2/2	0/1	2/2	2/2	1/2	0/1	4/4	3/3	3/3	2/2	1/1

Lecture 5: Delta Method and Confidence Intervals (28/33) 85%

Exercises *due Mar 6, 2019 07:59 CST*

Problem Scores:	1/1	0/1	0/1	0/1	2/2	3/3	2/2	3/4	1/1	3/3	1/1
	1/1	0/1	1/1	1/1	6/6	1/1	1/1	1/1			

Recitation 2: Confidence Intervals of the shift of shifted exponential random variables

No problem scores in this section

Homework 2: Statistical Models, Estimation, and Confidence Intervals (20/26) 77%

Homework *due Mar 6, 2019 07:59 CST*

Problem Scores:	0/1	2/2	0/2	2/2	2/2	0/0	1/2	1/3	0/0	3/3	1/1
	1/1	3/3	4/4								

Lecture 6: Introduction to Hypothesis Testing, and Type 1 and Type 2 Errors (47/51) 92%

Exercises *due Mar 14, 2019 07:59 CST*

Problem Scores:	1/1	2/2	1/2	2/2	1/1	1/1	1/1	1/1	1/1	0/0	0/1
	1/1	1/1	1/1	3/3	3/3	1/1	1/1	1/1	1/1	1/1	3/3
	1/1	1/1	4/4	3/3	1/1	1/1	3/3	1/1	0/1	2/2	0/1

Lecture 7: Hypothesis Testing.(Continued): Levels and P-values (34/38) 89%

Exercises *due Mar 14, 2019 07:59 CST*

Problem Scores:	1/1	0/1	5/5	2/2	1/1	1/1	4/4	1/2	2/2	3/3	0/1
	3/3	3/3	1/1	1/1	1/1	4/4	1/1	0/1			

Recitation 3: Introduction to Hypothesis Testing

No problem scores in this section

Homework 3: Introduction to Hypothesis Testing (35/38) 92%

Homework *due Mar 14, 2019 07:59 CST*

Problem Scores:	1/2	1/1	1/1	3/3	2/2	1/1	0/2	2/2	2/2	1/1	1/1
	1/1	3/3	1/1	3/3	1/1	4/4	1/1	2/2	2/2		

Lecture 8: Distance measures between distributions (37/41) 90%

Exercises *due Mar 21, 2019 07:59 CST*

Problem Scores:	1/1	0/1	1/1	4/4	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1	2/3	2/2	1/1	0/1	2/2	1/1	1/1	1/1	3/3
0/1	1/1	2/2	3/3	1/1								

Recitation 4: Distance measures between distributions

No problem scores in this section

Lecture 9: Introduction to Maximum Likelihood Estimation (45/47) 96%

Exercises *due Mar 21, 2019 07:59 CST*

Problem Scores:	2/2	3/3	1/1	1/1	1/1	4/4	4/4	1/1	1/1	1/1	2/3
3/3	4/4	0/0	2/2	0/1	1/1	3/3	5/5	3/3	3/3		

Homework 4: TV distance, KL-Divergence, and Introduction to MLE (26/29) 90%

Homework *due Mar 21, 2019 07:59 CST*

Problem Scores:	1/1	1/1	1/2	0/1	3/3	2/2	1/1	1/1	0/1	3/3	2/2
1/1	3/3	4/4	1/1	1/1	1/1						

Lecture 10: Consistency of MLE, Covariance Matrices, and Multivariate Statistics

(37/41) 90%

Exercises *due Mar 28, 2019 07:59 CST*

Problem Scores:	1/1	1/1	0/1	0/1	1/1	2/2	1/1	1/1	1/1	1/3	1/1
2/2	4/4	4/4	4/4	1/1	1/1	4/4	1/1	1/1	0/0	1/1	4/4

Recitation 5: Maximum Likelihood Estimation: Inference for the variance of a Gaussian distribution

No problem scores in this section

Homework 5: Maximum Likelihood Estimation (16/19) 84%

Homework *due Mar 28, 2019 08:30 CST*

Problem Scores:	1/1	1/1	1/1	1/1	1/1	1/1	0/1	1/1	1/1	1/1	2/2
2/2	1/1	2/4									

Lecture 11: Fisher Information, Asymptotic Normality of MLE; Method of Moments

(41/44) 93%

Exercises *due Apr 4, 2019 07:59 CST*

Problem Scores:	3/3	1/2	0/1	2/2	1/1	1/1	1/1	1/1	3/4	1/1	1/1
1/1	1/1	1/1	2/2	3/3	2/2	2/2	3/3	2/2	1/1	2/2	1/1
1/1	1/1	1/1									

Recitation 6: MLE for Multinomials

No problem scores in this section

Lecture 12: M-Estimation (44/47) 94%

Exercises *due Apr 4, 2019 07:59 CST*

Problem Scores:	1/1	1/1	2/3	6/7	1/1	1/1	3/3	4/4	2/2	1/1	3/3
1/1	3/3	4/4	2/2	1/1	2/2	1/1	2/2	0/1	1/1	1/1	

Homework 6 Maximum Likelihood Estimation and Method of Moments (51/54) 94%

Homework *due Apr 4, 2019 07:59 CST*

Problem Scores:	3/3	3/3	3/3	3/3	7/7	6/6	1/1	1/1	1/1	2/2	2/2
3/3	1/1	0/2	1/1	2/2	1/1	1/1	0/1	1/1	1/1	2/2	1/1
1/1	1/1	1/1	1/1								

Midterm Exam 1

Midterm Exam 1 (22.5/28) 80%

Midterm *due Apr 10, 2019 07:59 CST*

Problem Scores:	1/1	1/1	0/1	1/1	2/2	2/2	1/1	1/1	2/2	2/2	1/1
0/2	2/2	2/2	0/1	1.5/3	1/1	1/1	1/1				

Unit 4 Hypothesis testing

Lecture 13: Chi Squared Distribution, T-Test (25/29) 86%

Exercises *due Apr 18, 2019 07:59 CST*

Problem Scores:	1/1	2/2	2/2	0/1	0/1	1/1	0/1	2/3	1/1	2/2	3/3
4/4	1/1	2/2	3/3	1/1							

Recitation 7: Review: Comparisons of two Proportions

No problem scores in this section

Recitation 8: T-test

No problem scores in this section

Lecture 14: Wald's Test, Likelihood Ratio Test, and Implicit Hypothesis Test (26/28)

93%

Exercises *due Apr 18, 2019 07:59 CST*

Problem Scores:	1/1	0/0	1/1	4/4	1/1	2/2	1/1	1/1	0/1	2/3	3/3
2/2	1/1	1/1	1/1	1/1	2/2	2/2					

Recitation 9: Wald's test and Likelihood Ratio Test

No problem scores in this section

Homework 7 (27/29) 93%

Homework *due Apr 18, 2019 07:59 CST*

Problem Scores:	1/1	1/1	1/1	1/1	4/4	2/2	1/1	1/1	2/2	1/1	2/2
2/2	1/1	1/2	2/2	1/1	0/1	2/2	1/1				

Lecture 15: Goodness of Fit Test for Discrete Distributions (27/30) 90%

Exercises *due Apr 24, 2019 07:59 CST*

Problem Scores:	1/1	1/1	2/3	0/1	2/2	3/3	3/3	1/1	1/2	1/1	1/1
1/1	1/1	1/1	1/1	2/2	1/1	1/1	3/3				

Lecture 16: Goodness of Fit Tests Continued: Kolmogorov-Smirnov test, Kolmogorov-Lilliefors test, Quantile-Quantile Plots (36/42) 86%

Exercises *due Apr 24, 2019 07:59 CST*

Problem Scores:	3/3	0/1	1/1	5/5	3/3	2/2	3/3	1/1	0/1	1/1	3/3
2/2	0/1	1/1	2/2	1/1	1/1	0/1	1/1	1/1	1/2	0/1	4/4

Recitation 10: Sample Kolmogorov-Smirnov test

No problem scores in this section

Homework 8 (20/23) 87%

Homework *due Apr 24, 2019 07:59 CST*

Problem Scores:	3/3	1/1	0/1	2/3	0/1	2/2	2/2	2/2	1/1	1/1	1/1
1/1	1/1	3/3									

Unit 5 Bayesian statistics

Lecture 17: Introduction to Bayesian Statistics (49/56) 88%

Exercises *due May 2, 2019 07:59 CST*

Problem Scores:	1/1	0/1	1/1	4/5	7/7	1/1	1/1	1/1	3/3	2/2	0/1
1/1	5/6	8/9	2/2	0/1	1/1	4/4	2/2	0/1	1/1	1/1	3/3

Lecture 18: Jeffreys Prior and Bayesian Confidence Interval (28/33) 85%

Exercises *due May 2, 2019 07:59 CST*

Problem Scores:	1/1	0/0	1/1	1/1	2/2	1/1	1/1	2/2	0/1	0/1	2/2
3/3	1/1	2/3	1/1	1/1	1/1	4/4	3/4	1/2			

Recitation 11: Multinomial Bayesian Estimation

No problem scores in this section

Homework 9: Bayesian Statistics (41/44) 93%

Homework *due May 2, 2019 07:59 CST*

Problem Scores:	3/3	4/4	3/3	1/1	2/2	4/4	2/2	2/2	2/2	2/2	1/1
1/1	1/1	2/2	1/2	0/0	3/3	2/3	3/3	2/3			

Recitation 12: Jeffreys Prior

No problem scores in this section

Recitation 9b: Chi Squared Goodness of Fit Test

No problem scores in this section

Midterm Exam 2

(33.7/36) 94%

Midterm

due May 8, 2019 07:59 CST

Problem Scores:

1/1

1/1

1/1

1/1

1/1

1/1

1/1

0.67/1

1/1

1/1

1/1

1/1

1/1

1/2

0/1

1/1

2/2

2/2

5/5

5/5

1/1

1/1

1/1

1/1

Supplementary Recitation: Jeffreys Prior in Higher Dimension

No problem scores in this section

Unit 6 Linear Regression

Lecture 19: Linear Regression 1

(27/29) 93%

Exercises

due May 16, 2019 19:59 CST

Problem Scores:

1/1

2/2

1/1

4/4

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

2/2

1/1

1/1

1/1

1/1

1/1

0/1

2/2

1/2

2/2

Lecture 20: Linear Regression 2

(37/40) 92%

Exercises

due May 16, 2019 19:59 CST

Problem Scores:

2/2

3/3

5/5

2/2

1/1

6/6

0/1

1/1

0/1

0/1

1/1

3/3

1/1

3/3

1/1

2/2

1/1

1/1

2/2

1/1

1/1

Recitation 13: Hypothesis Test for Linear Regression

No problem scores in this section

Recitation 14: Multiple Hypothesis Testing and Bonferroni Correction

No problem scores in this section

Recitation 15: Ridge Regression

No problem scores in this section

Homework 10 Linear regression

(24/25) 96%

Homework

due May 16, 2019 19:59 CST

Problem Scores:

2/2

3/3

1/2

5/5

1/1

1/1

3/3

2/2

1/1

1/1

1/1

1/1

2/2

Unit 7 Generalized Linear Models

Lecture 21: Introduction to Generalized Linear Models; Exponential Families

(37/38) 97%

Exercises

due May 24, 2019 07:59 CST

Problem Scores:

2/3

1/1

1/1

1/1

1/1

2/2

4/4

4/4

1/1

4/4

3/3

1/1

3/3

1/1

2/2

4/4

2/2

0/0

Lecture 22: GLM: Link Functions and the Canonical Link Function

(8/9) 89%

Exercises

due May 24, 2019 07:59 CST

Problem Scores:

1/1

0/0

1/1

1/1

0/1

1/1

2/2

1/1

1/1

Recitation 16: Poisson and Gamma Generalized Linear Models

No problem scores in this section

Recitation 17: Hypothesis Test for Logistic regression

No problem scores in this section

Homework 11

(38/39) 97%

Homework

due May 24, 2019 07:59 CST

Problem Scores:

5/5

2/2

2/3

1/1

5/5

2/2

3/3

1/1

3/3

3/3

5/5

2/2

2/2

2/2

Exit Survey

Exit survey.

No problem scores in this section

Final exam

Final Exam

(45.5/52) 88%

Final

due Jun 4, 2019 07:59 CST

Problem Scores:

1/1

0/1

1/1

2/2

2/3

1/1

0/0

2/2

6/6

4/4

7/7

2/2

1/3

2/2

2/2

2/2

0/1

3/3

2/2

0/1

1/1

1/1

1/1

1/1

0.5/1

(Optional) Unit 8 Principal component analysis

(Optional) Preparation Exercises for Principal Component Analysis (48/54) 89%

optional due Jun 5, 2019 07:59 CST

Practice Scores:	3/3	3/3	2/2	2/2	2/2	1/1	5/5	1/1	1/1	1/1	6/6
	3/3	1/1	3/3	1/3	6/6	1/1	4/4	2/3	0/2	0/1	

(Optional) Lecture 23: Principal Component Analysis (3/22) 14%

optional due Jun 5, 2019 07:59 CST

Practice Scores:	1/1	0/1	1/1	1/1	0/1	0/1	0/1	0/3	0/2	0/4	0/2
	0/1	0/1	0/1	0/1							

(Optional) Recitation 10: Principal Component Regression

No problem scores in this section

Until Next Time

Until Next Time

No problem scores in this section