

STA 422 | Statistical | M 12-2 SS 2108 | Lecture
 STA 2162 | Inference | W 12-1 SS 2108 | Tutorial

www.utsat.toronto.edu/dfraser/documents/422-13 and main web page

Statistical model

Likelihood

p-value

Confidence

Bayes BE: "Genuine" MCMC

CLT - by gen. fns

CLT - by log model

Expansions

Exponential models

Saddlepoint ANS 1954

P^* BN

Likelihood analysis

Bootstrap = Lik anal

Bayes = Approx Confidence

Topics ...

Instructor: DAS Fraser SS 5016H
 TA: Wei Lin

Off. hours: TBA — See 'over'

Evaluation: Chosen this Wed 12-1 from ...

Final, Tests, Assignments, other

Attendance (exposure)

Theme: Recent directions in Statistical Inference

Theory, methods, resolutions, and

Why does statistics have two theories? —

Calibration: Ex: CERN; 6 sigma; 3x10⁻⁶ (?) Science [etc.]

Simulations: MCMC; 3 million for 2 figures Direct CD

DF 300 12/13

Mo Tu We Th Fr

September

9 10 11 12 13
16 17 18 19 20
23 24 25 26 27
30

October

1 2 3 4
7 8 9 10 11
14 15 16 17 18
21 22 23 24 25
28 29 30 31

November

1

4 5 6 7 8
11 12 13 14 15
18 19 20 21 22
25 26 27 28 29

December

2 3

Evaluation

3 Assignments @ 20

1 Test @ 15

Participation 16

Attendance 15

Decided Dec 11

cededon Sep 11

Eval etc