ATUL ROY

MATHEMATICS

ROCKVILLE

REASON FOR APPLICATION

IN SPITE OF VERY LONG TEACHING EXPERIENCE, I WAS HAVING DIFFICULTIES

BECAUSE OF NO TRAINING

FOR FREMOTE STRUCTURED TEACHING

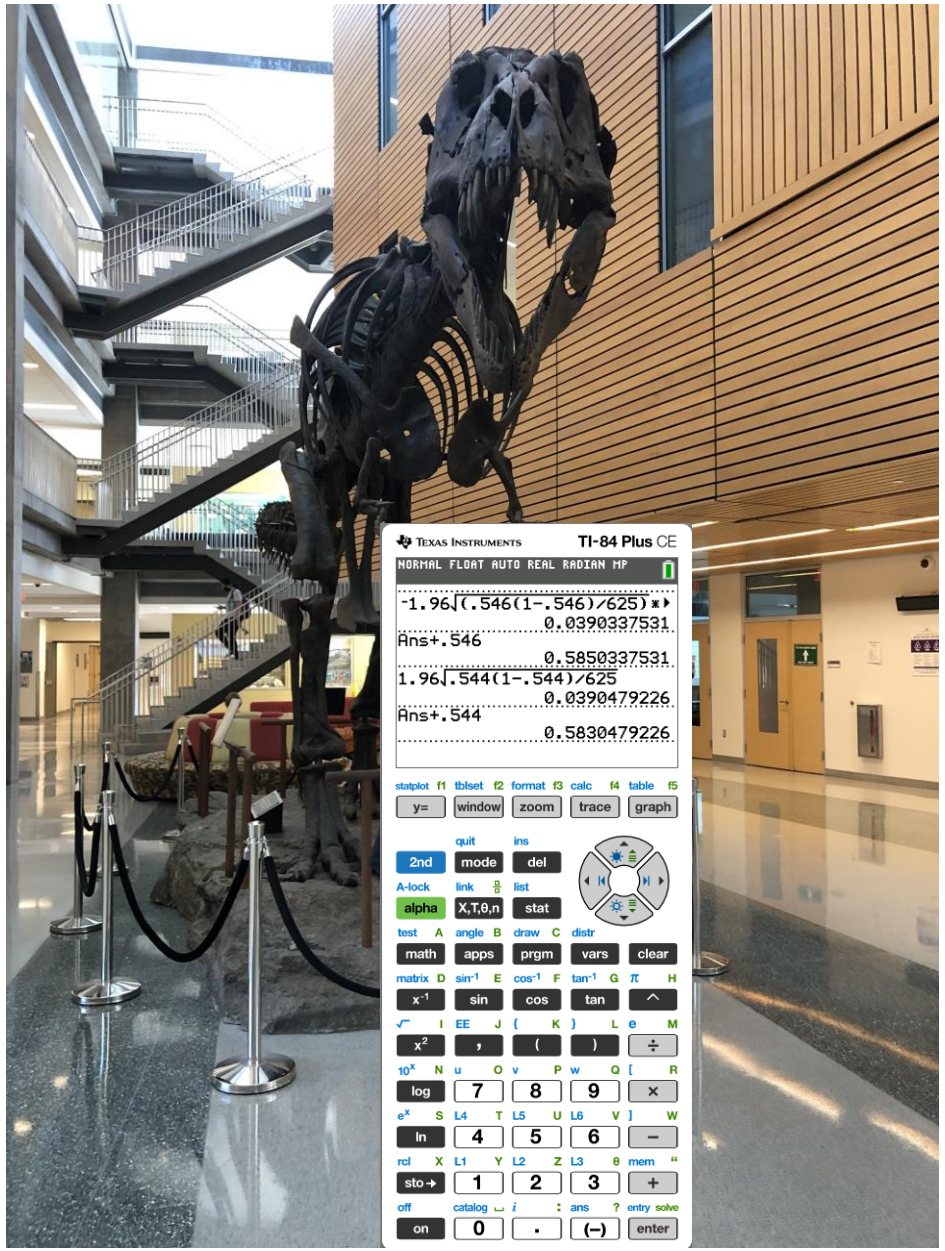
Teaching Effectively with Zoom

A practical guide to engage your students and help them learn

By Dan Levy

(1) How should I **split** my content into synchronous and asynchronous materials?

(2) How should I **leverage** the asynchronous learning to help me conduct better synchronous sessions?

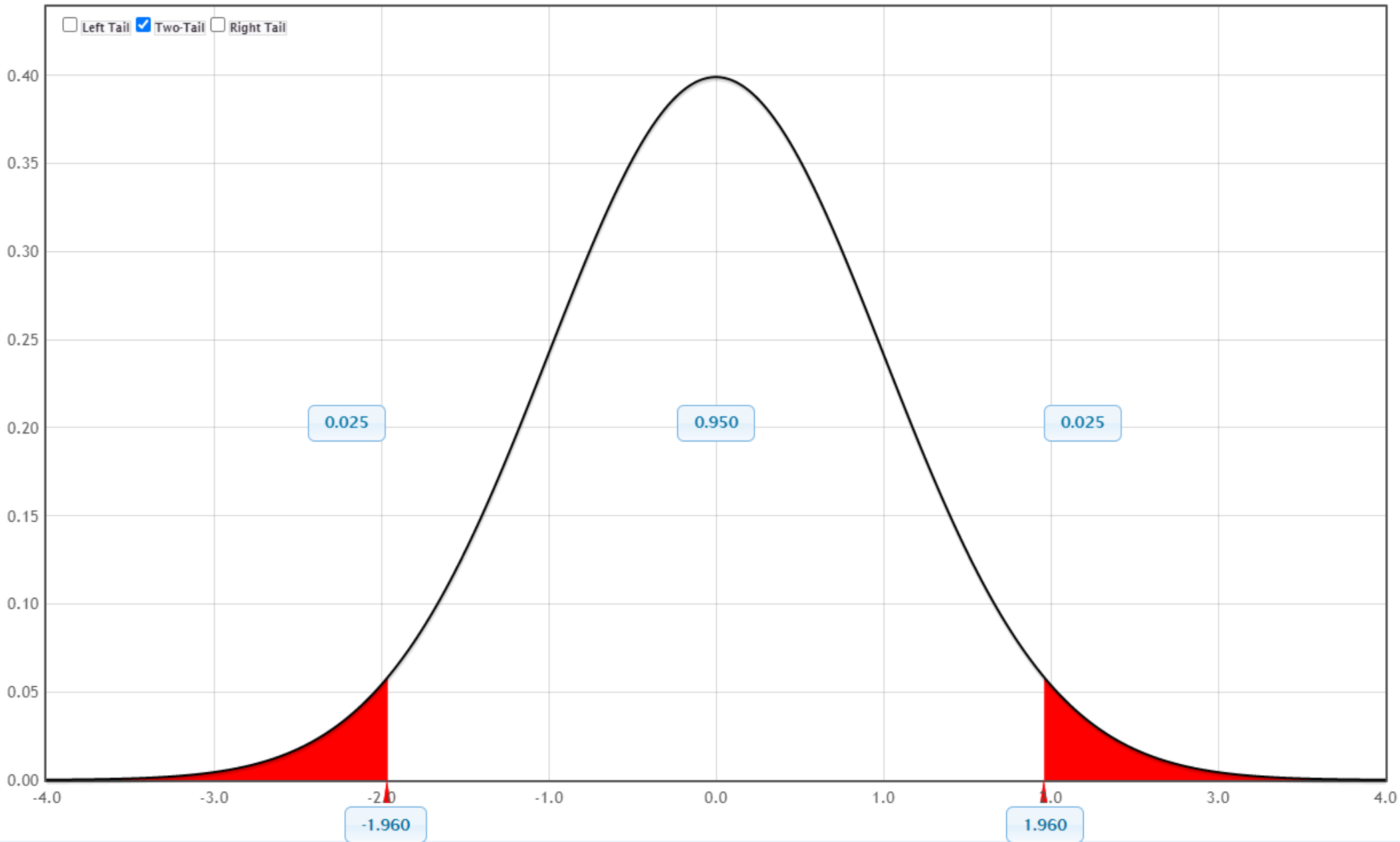


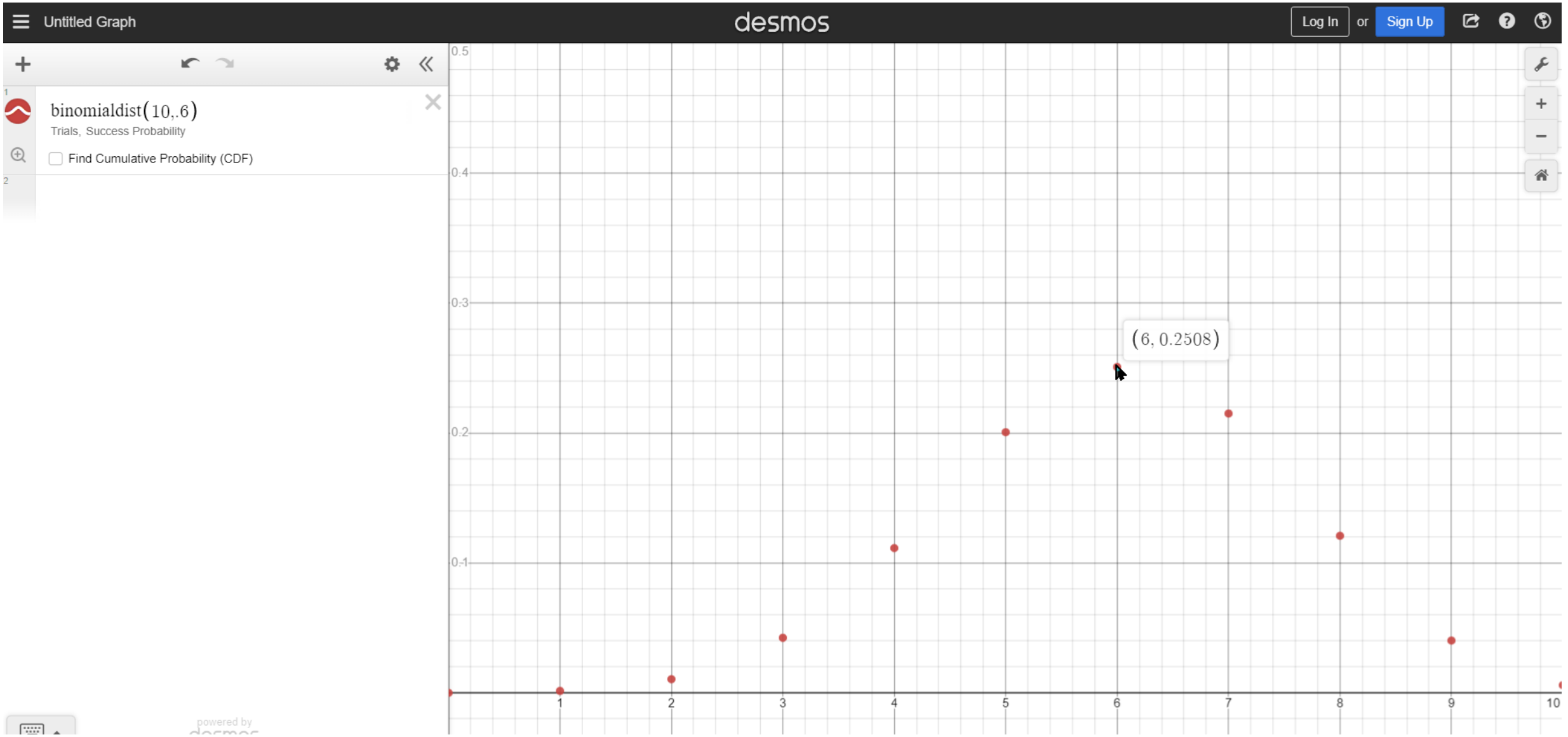
Elaine Jadacki called

TI84 a Dinosaur

StatKey Theoretical Distribution

Normal Distribution | Reset Plot




Untitled Graph
desmos
Log In
or
Sign Up
binomialdist(10,.6)
Trials, Success Probability
Find Cumulative Probability (CDF)
(6, 0.2508)
0.5
0.4
0.3
0.2
0.1
1
2
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4
5
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7
8
9
10
powered by desmos

Do We Live in a Simulation? Chances Are about 50–50

Gauging whether or not we dwell inside someone else's computer may come down to advanced AI research—or measurements at the frontiers of cosmology

•By Anil Ananthaswamy on October 13, 2020 ***SCIENTIFIC AMERICAN***

Confidence Intervals

YouGov Poll: August 18 - 22, 2022

A YouGov poll released this week asked 1,000 adult Americans whether they hold 20 beliefs loosely defined as "new-age spiritualism." The survey found the overwhelming majority of respondents (87%) hold at least one of those beliefs, including karma, which is defined as the belief that a person's action or conduct in this life or lives to come will influence their ultimate destiny.

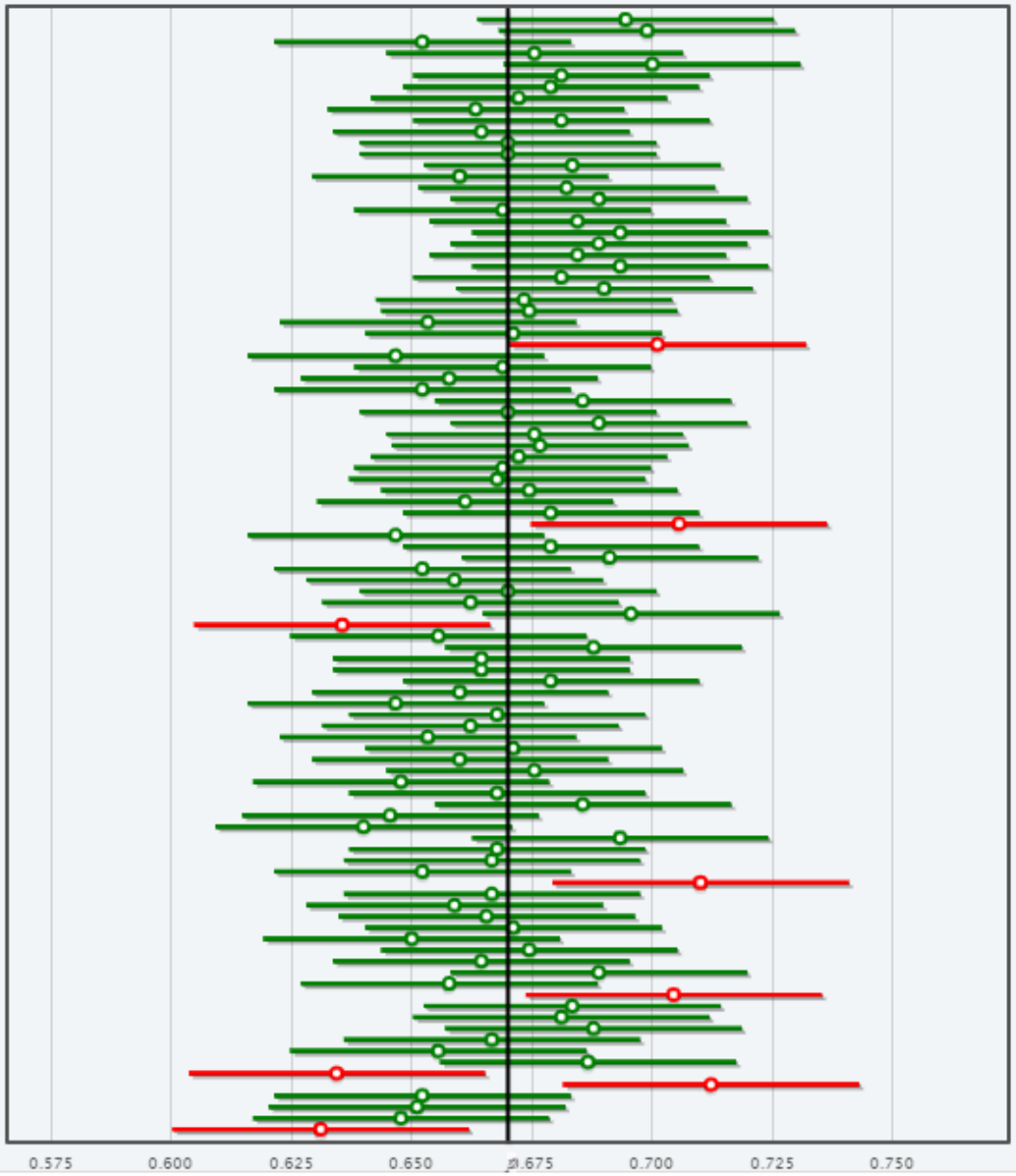
The survey, conducted in August, has an error margin of 4 percentage points.

Data Tables | Confidence Intervals

95% ▾ Confidence Intervals

Coverage

92 / 100 = 92%

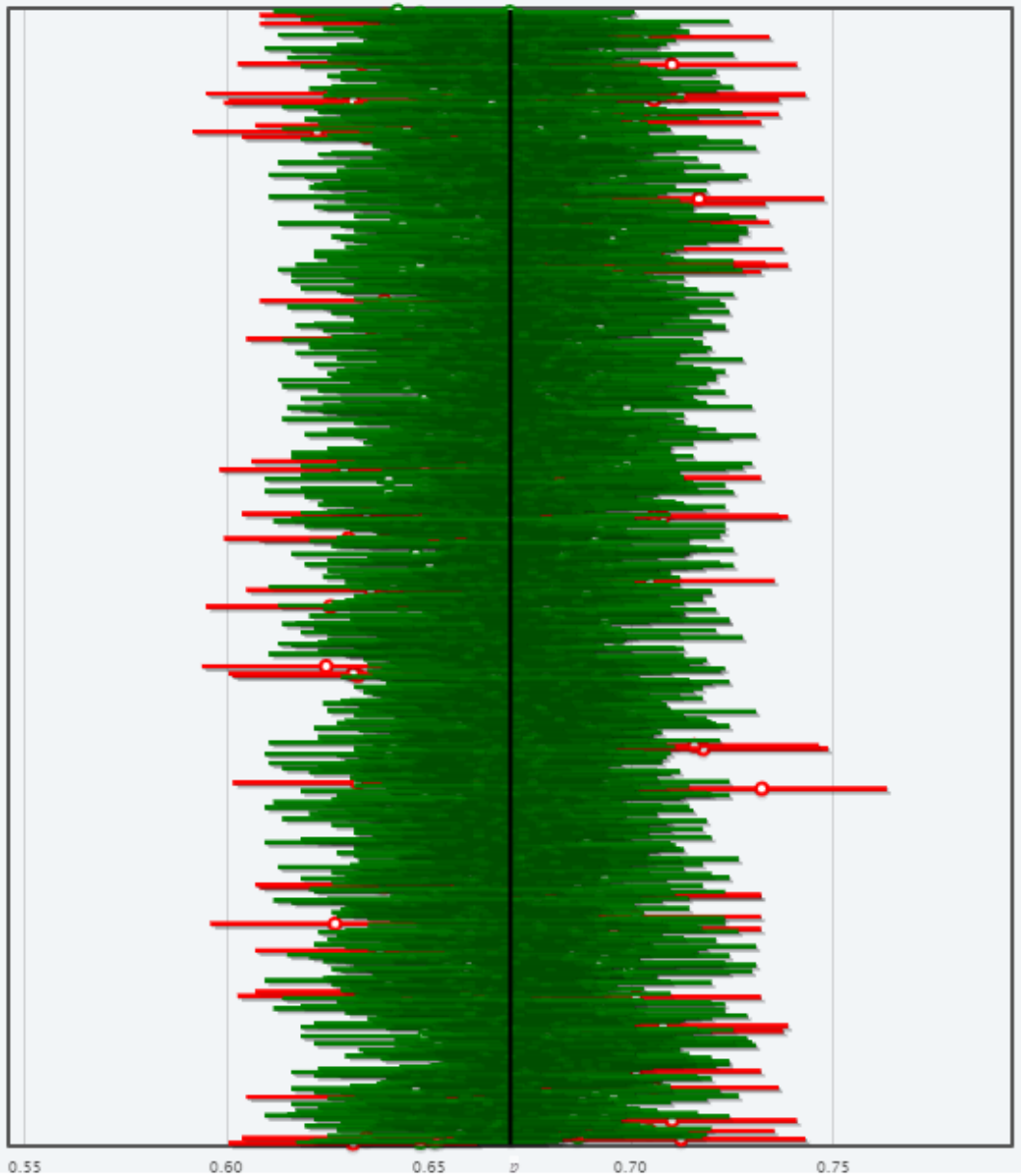


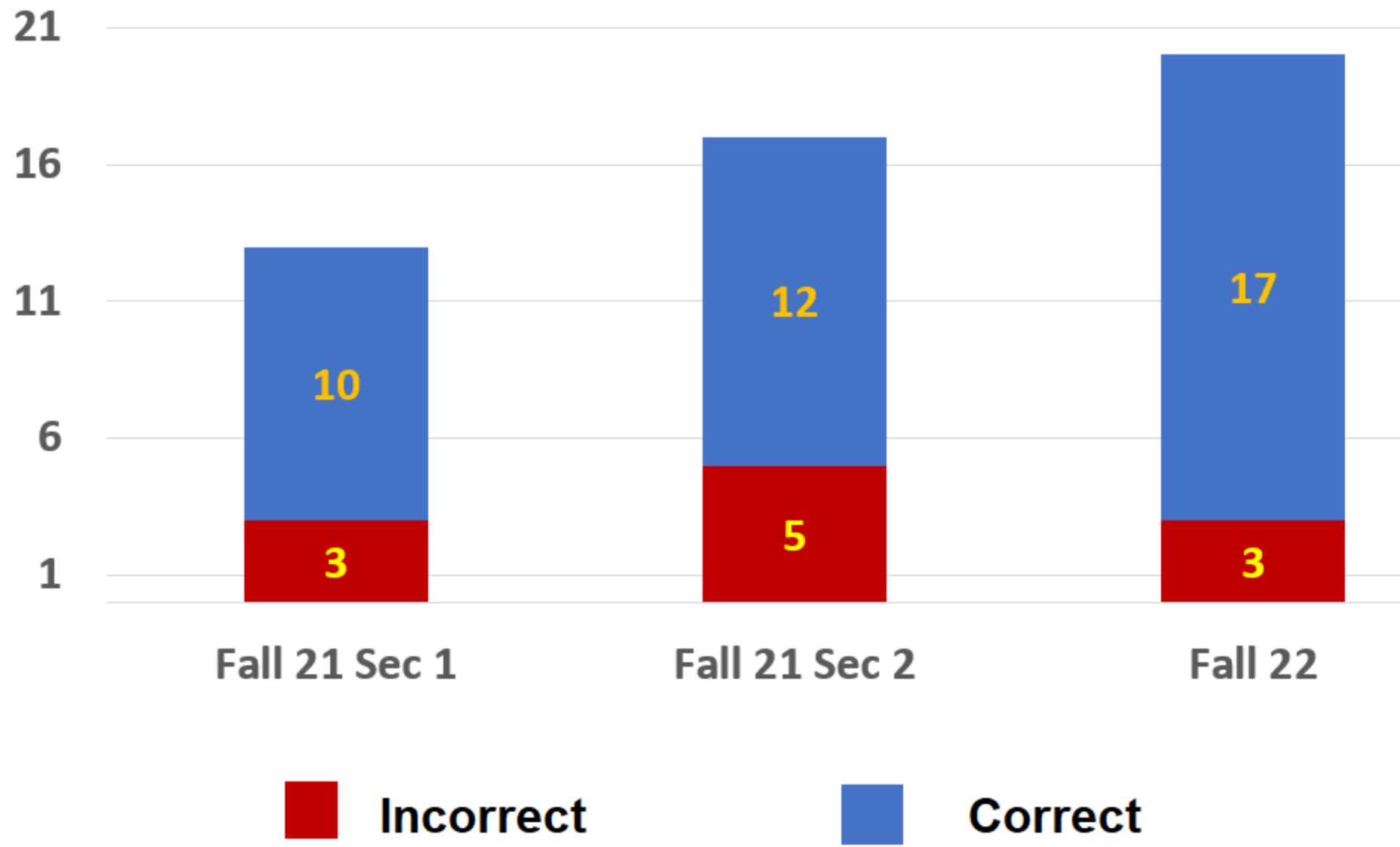
Data Tables | Confidence Intervals

95% ▾ Confidence Intervals

Coverage

1037 / 1100 = 94.273%




21
16
11
6
1
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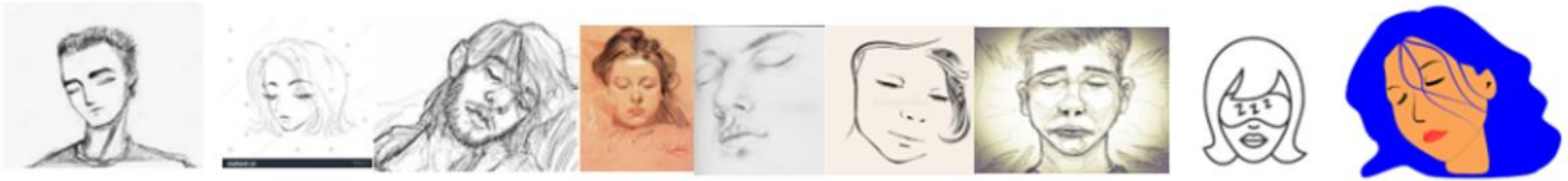
3
12
5
17
3
Fall 21 Sec 1
Fall 21 Sec 2
Fall 22
Incorrect
Correct

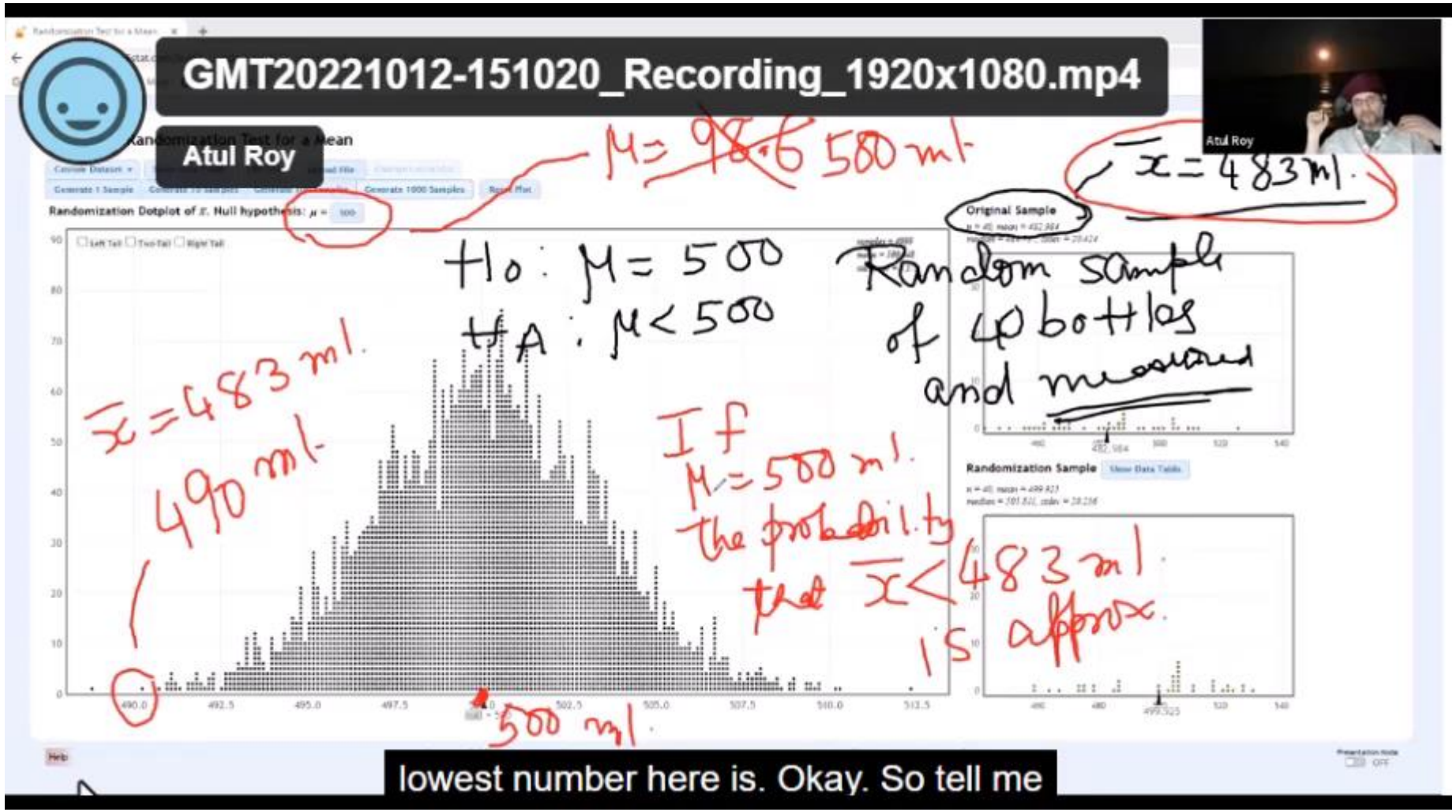


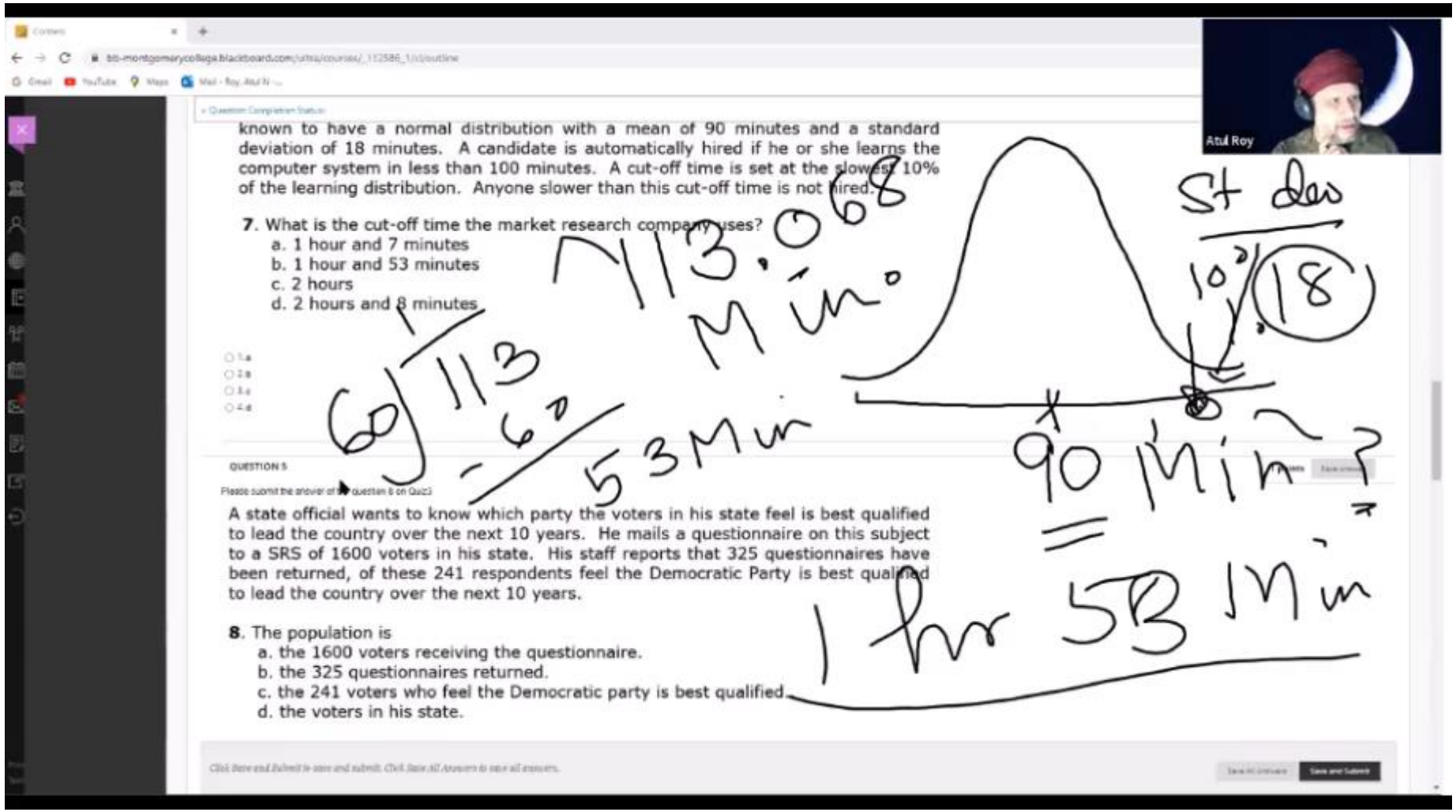
COMMUNICATION

MORE EFFICIENT MONITORING OF CHAT

GETTING USED TO PERSON-TO-PERSON CHAT

StatKey
Theoretical Distribution
Normal Distribution
Mean
1280
Standard Deviation
Edit Parameters
Left Tail
Two Tail
Right Tail
0.0073
1500.000
Atul Roy
0.0073
mean of 100 > 1500
Total > 150,000
34:39
vimeo


GMT20221012-151020_Recording_1920x1080.mp4
Atul Roy
Atul Roy
μ = 500 ml.
x̄ = 483 ml.
Randomization Dotplot of x̄. Null hypothesis: μ = 500
H0 : μ = 500
HA : μ < 500
Random sample of 40 bottles and measured
x̄ = 483 ml.
490 ml.
If μ = 500 ml. the probability that x̄ < 483 ml. is approx.
500 ml.
Original Sample
Randomization Sample
lowest number here is. Okay. So tell me


Atul Roy
known to have a normal distribution with a mean of 90 minutes and a standard deviation of 18 minutes. A candidate is automatically hired if he or she learns the computer system in less than 100 minutes. A cut-off time is set at the slowest 10% of the learning distribution. Anyone slower than this cut-off time is not hired.
7. What is the cut-off time the market research company uses?
a. 1 hour and 7 minutes
b. 1 hour and 53 minutes
c. 2 hours
d. 2 hours and 8 minutes
St dev
10%
18
90 Min
1 hr 53 Min
QUESTION 5
A state official wants to know which party the voters in his state feel is best qualified to lead the country over the next 10 years. He mails a questionnaire on this subject to a SRS of 1600 voters in his state. His staff reports that 325 questionnaires have been returned, of these 241 respondents feel the Democratic Party is best qualified to lead the country over the next 10 years.
8. The population is
a. the 1600 voters receiving the questionnaire.
b. the 325 questionnaires returned.
c. the 241 voters who feel the Democratic party is best qualified.
d. the voters in his state.

Confirmation

that

Asynchronous

Should be accompanied

With Good

Assessment before proceeding

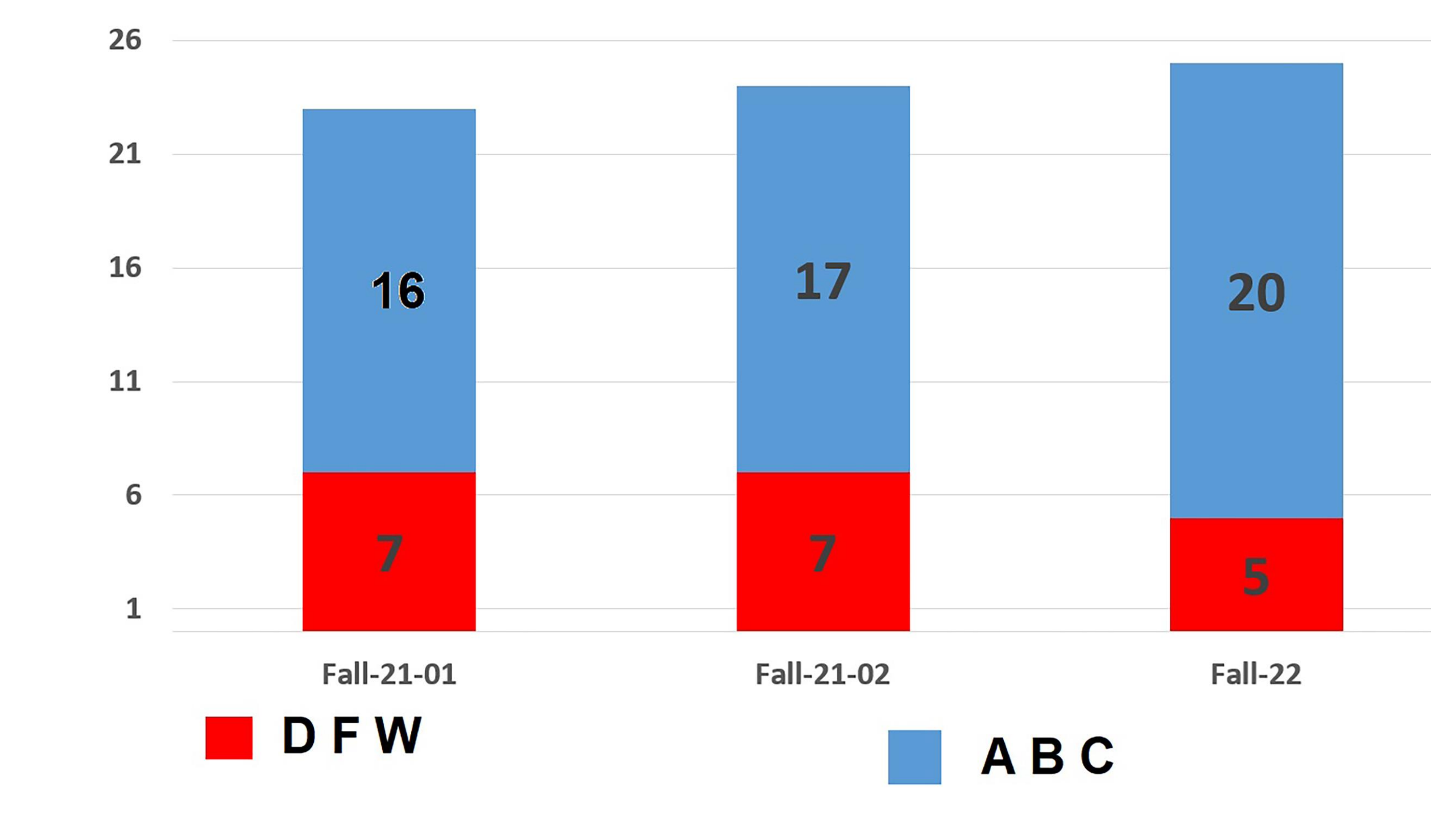
Collaborative Learning Techniques

Barkley Et Al

The groupwork has to be carefully organized and structured

…….

Community Building


26
21
16
11
6
1
16
17
20
7
7
5
Fall-21-01
Fall-21-02
Fall-22
D F W
A B C