





DAILY ASSESSMENT FORMAT

Date:	20-07-2020	Name:	BINDUSHRI		
Course:	Basics statistics	USN:	4AL17EC011		
Topic:	Week-2	Semester & Section:	6th sem&Asec		
Github repository	Bindushri				

FORENOON SESSION DETAILS (9.00am to 1.00pm)

coursera  **Explore**  What do you want to learn? 

Bindushri 

Basic Statistics > Week 2 > 2.01 Crosstabs and scatterplots

Correlation


- ✓ **Reading:** Correlation 10 min
- ▶ **Video:** 2.01 Crosstabs and scatterplots 7 min
- ▶ **Video:** 2.02 Pearson's r 7 min

Regression





Caveats & examples




Review


2.01 Crosstabs and scatterplots




CORRELATION AND REGRESSION CROSSTABS AND SCATTERPLOTS



 Save Note  Discuss  Download 

English 

[Help Us Translate](#)

 Your computer's timezone does not seem to match your Coursera account's timezone setting of Indian/Antananarivo.
[Change your Coursera timezone setting](#)

Click the "Save Note" button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured.

  ENG 22:24

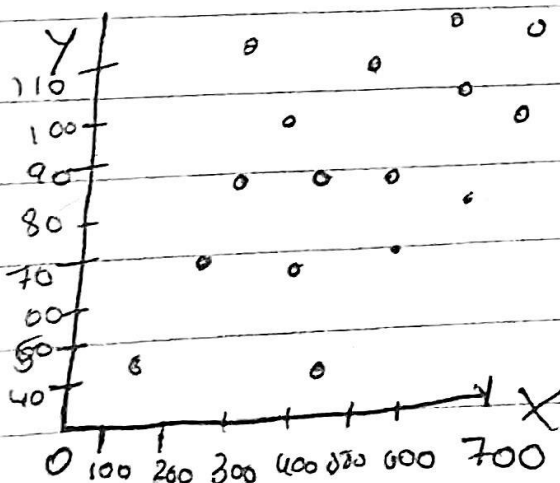
Basic Statistics - week 9

Cross-tabs and Scatter plots

Body

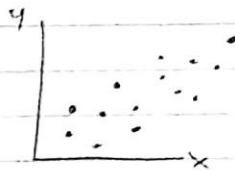
	Chocolate consumption in grams per week			
	<50	50-150	>150	
<50	45%	5%	2%	\hat{r} 0.17
50-69	40%	39%	4%	
70-89	10%	43%	38%	
$N = 90$	5%	8%	56%	

Scatter plot



Pearson's r

direction & strength of linear correlation with one number



Strong positive
linear relationship

$$r = \frac{\sum Z_x Z_y}{n-1}$$

Regression: Regression analysis is one of the most frequently employed statistical methods.

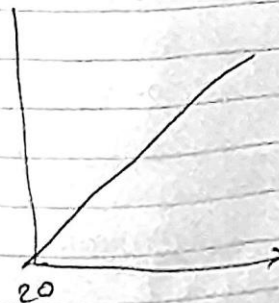
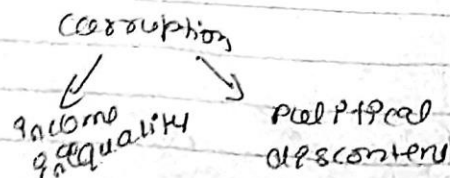
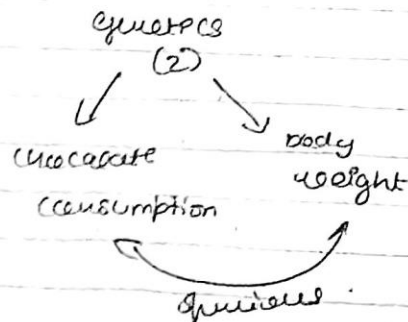
Prediction error is smaller 69% smaller than when you use the mean.

$$r^2 = 0.69$$

r → direction & strength of relation.

r^2 how well does the line fit the data

correlation ≠ causation.



AFTERNOON SESSION DETAILS(2.00pm to 5.00pm)

✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Check Your Knowledge

TOTAL POINTS 2

1. Which of these statements is true about body language? Choose one correct response.

1 / 1 point

- ☐ Body language only includes facial expressions and hand gestures.
- ☒ Body language plays an important role in every culture.
- ☐ You should never copy another person's body language.
- ☐ What we say is more important than body language.

✓ **Correct**

While body language is not the same in every culture, it is always important.

2. What is one hand gesture that is inappropriate in your culture?

1 / 1 point

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Explore

What do you want to learn?



Bindushri

Speak English Professionally: In Person, Online & On the Go > Week 4 > Practice -ed Endings

Prev

Get Ready for the Interview

Improve Your Pronunciation: -ed & -s endings

✓ **Video:** Key Pronunciation: -ed & -s Endings
6 min

Reading: Practice -ed Endings
10 min

Reading: Practice -s Endings
10 min

Practice Quiz: Check Your Knowledge
6 questions

Interview Role Play

Practice -ed Endings

-ED ENDINGS

Read the sentences out loud, record yourself and check your pronunciation.

Past tense → /t/ after voiceless sounds (except /t/)

- 1) We laughed at all of his jokes.
- 2) I locked the door.
- 3) He looked at his watch.
- 4) She finished her exam early.
- 5) He crashed into a pole when he lost control of his car.
- 6) She picked him up at the airport at ten.
- 7) He was embarrassed when he slipped and fell.

Get Ready for the Interview

Improve Your Pronunciation: -ed & -s endings

✓ **Video:** Key Pronunciation: -ed & -s Endings
6 min

✓ **Reading:** Practice -ed Endings
10 min

✓ **Reading:** Practice -s Endings
10 min

✓ **Practice Quiz:** Check Your Knowledge
6 questions

Interview Role Play

PRACTICE QUIZ • 30 MIN

Check Your Knowledge

✓ **Submit your assignment**

[Try again](#)

✓ **Receive grade**
TO PASS 80% or higher

Grade

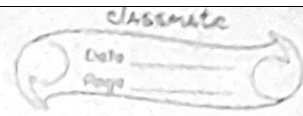
83.33%

[View Feedback](#)

We keep your highest score



Week - English - week - 4



- + first impressions is Body language.
- + Brings us closer

Type 1

* open & powerful

Type 2

* closed & powerful
high power pose.

Body-language
- Posture Bad

- ed endings

described /t/

designed /d/

- s endings

Plural nouns

blocks computers

1 score well on tests → -s endings

