

	Experimental design	
Independent groups design How are participants allocated to conditions?	Matched pairs design How are participants allocated to conditions?	Repeated measures design How are participants allocated to conditions?
Advantage	Advantage	Advantage
Disadvantage Participant variables	Disadvantage Time consuming	Disadvantage Order effects
How do you deal with this disadvantage?		How do you deal with this disadvantage?

	Deception	Right to withdrawal	Informed consent	Protection of participants	privacy
What is the					
potential					
issue?					
In what ways					
can this be					
dealt with?					

		Sampling		
Random How do you do it?	Opportunity How do you do it?	Volunteer How do you do it?	Systematic How do you do it?	Stratified How do you do it?
Advantage	Advantage	Advantage	Advantage	Advantage
Disadvantage	Disadvantage	Disadvantage	Disadvantage	Disadvantage

What is a directional hypothesis and when do you choose one?

What is a non-directional hypothesis and when do you choose one?

How do you write a nondirectional hypothesis (use example)

What is an IV and DV and which is which using the e.g.

Hypothesis writing

Aim-Does exercise impact on your happiness?

What is operationalisation of variables?

Operationalise the example above

How do you write a nondirectional hypothesis (use example) What is reliability and why is it important?

How do you make sure an experiment is reliable?

Reliability and validity

Internal validity

External validity

Ecological

Population

Temporal

Sketch a scatter graph for the following correlations and describe what the covariables are doingpositive, negative, no correlation.

Write a directional and non -directional **correlational hypothesis** below for the covariablesage and stress levels.

"there will be a difference" is incorrect for correlation remember

What is a correlation co-efficient? What does it show us?

Describe the strength of the following correlation coefficients

- 0.2
- -0.9
- 0.9
- +1
- -0.4
- -1

What is a **Correlation?**Definition-

Advantage

Disadvantage

Designing a correlation- for age and stress

-Operationalise the co-variables	
-Sample?	
-Ethical considerations?	
-How will the data be analysed?	

Content analysis- turni data	ng qualitative data into
Give 5 examples of mediums that (same for thematic)	can be used for content analysis
What are the 5 stages to follow vanalysis? (pg 29 pack)	when conducting a content
How do you present your data for rough example and make up son	-
Advantage	Disadvantage

Thematic	nalysis- starting with qualitative data and ending
with	_ data

What are the 6 steps to conducting a thematic analysis? (pg30)

EXAM TIP-steps

2,3,and 4 mention codes but you only use codes initially to work out over all themes.

If you mention counting or % or numbers linked to the codes it is incorrect

Advantage

Disadvantage

		Observation			
Naturalistic	Controlled How do you do it?	Covert	Overt	Participant	non- part
How do you do it?	now do you do it:	How do you do it?	How do you do it?	How do you do it?	How do you do i
Advantage	Advantage	Advantage	Advantage	Advantage	Advantage
Disadvantage	Disadvantage	Disadvantage	Disadvantage	Disadvantage	Disadvantage

- 1. What type of observation will be used? Justify your answer
- 2. Identify 3 behavioural catgeories
- 3. How will the data be presented? (remember we don't write out observation, sketch your table)
- 4. What sampling will be used? Justify your answer
- 5. How will you ensure reliability of your observations

Self-report techniques

Interviews

What are the 3 types-define them.

Questionnaires

What is an open question? Write one

What is a closed question? Write one

Advantage

Advantage and of open and closed qu

Disadvantage

Disadvantage and of open and closed qu's

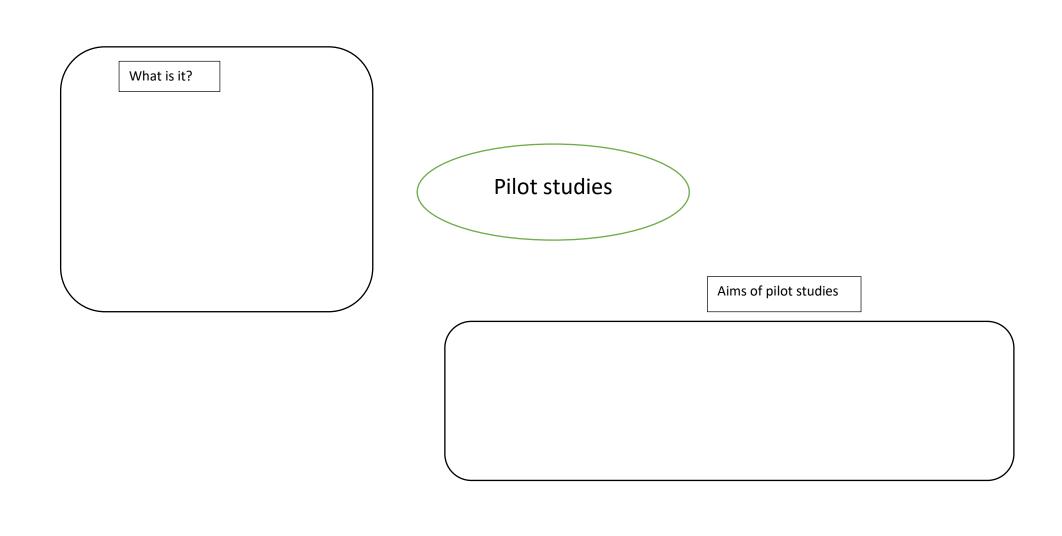
Case studies- Define

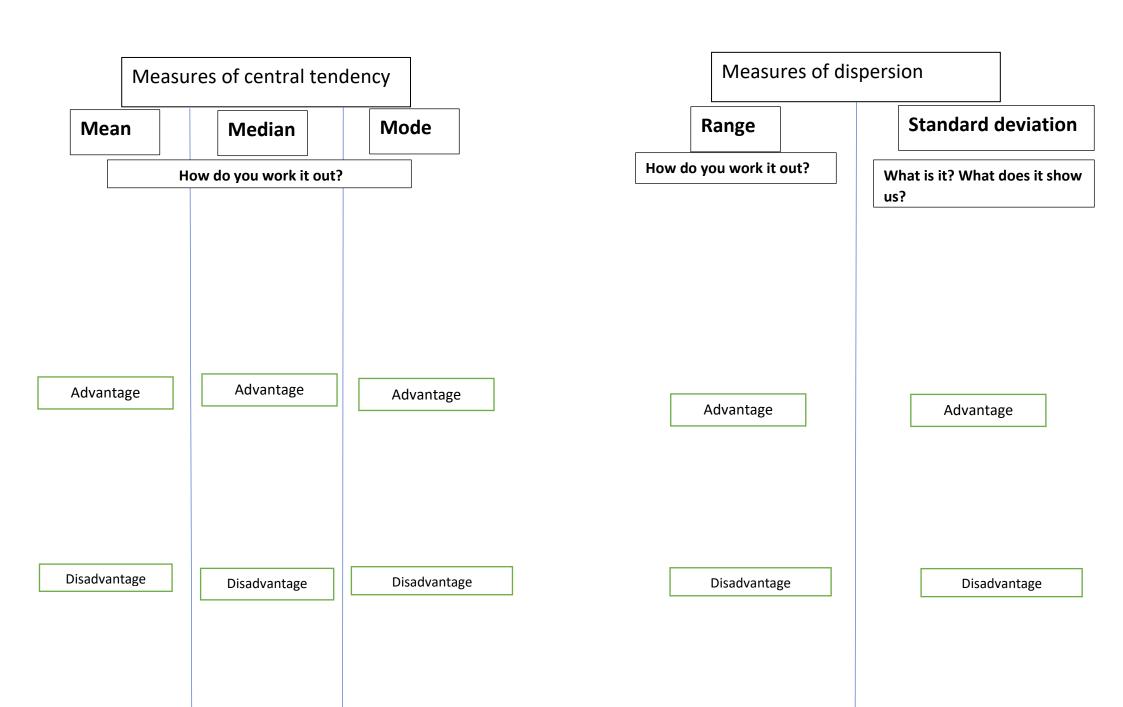
List 5 techniques used and the type of data gathered (quant or qual)

Advantage

Disadvantage

Confounding variable Dependent variable Independent variable Extraneous variable **Variables** Demand characteristics operationalisation of variables investigator effects. standardisation counterbalancing **Controls** randomisation random allocation





Distributions

Sketch a Normal distribution

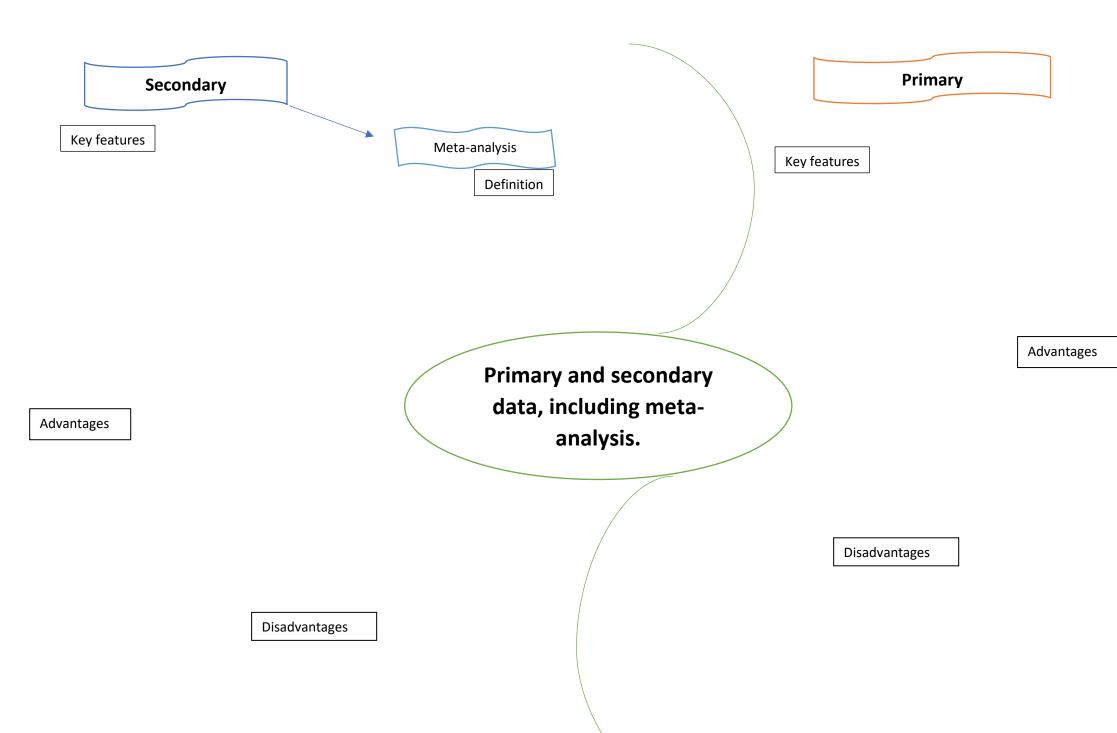
Sketch a positive skew

Sketch a negative skew

The mean, median and mode are all around the mean

Add the mean, median and mode on your graph.

Add the mean, median and mode on your graph.



Quantitative and qualitative data

	Definition	Advantages	Disadvantages
Quantitative data			
•			
Qualitative data			

Levels of measurement

	Definition	Example
Nominal		
Ordinal		
Interval		

What is the level of measurement?

What do you do if it is ordinal?

Is it related or unrelated data?

Is it a test of difference or a correlation?

How do you work out the value of S?

The sign test

How do you work out the value of N?

	۸. ۲۰
before	After
22	21
11	11
13	16
-5	3
12	13
16	13
10	10
2	3

S=2 Write beneath exactly why.

How could these results be written out as nominal data?

____ people scored less, ____ people scored more and ____ stayed the same