

Categorical, ordinal and bivariate data

Variant 1 (same as video)

Instructions

- Write all answers in the spaces provided.
- Answer all questions.
- You must show all your working.
- There may not be enough space to show all your working out.

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Advice

- You can get support for all these questions at our website: www.statsgcse.com
- This paper and more are available on our site with questions that change subtly after each attempt.
- Good luck!

- 1 A survey asks people to choose their favorite fruit: apple, banana, mango, or orange.
Select the type of data.

(1 mark)

Select **one** box.

- Ordinal
 Categorical

- 2 A doctor plans to classify blood pressure readings for a health study.
The tally chart below will be used.

Blood pressure	Tally
100 - 120	
120 - 140	
140 - 160	

Suggest two criticisms with this tally chart.

(2 marks)

Select **two** boxes.

- There are too many groups
 The groups overlap
 Cannot record blood pressures under 100
 The doctor should also record heart rate

- 3 A doctor is investigating whether patient lifestyle affects health outcomes.
Give an example of bivariate data that could be collected.

(2 marks)

Select the **two** correct statements (**four** statements are incorrect).

- Hair colour
- Birth month
- and outside temperature
- and blood pressure
- Hours of exercise
- and hospital name