

PALS0045 Week 11 Quiz

[Start Over](#)

This Quiz is designed to test your understanding of the learning objectives from the lecture in Week 11.

Complete each question and press submit to check your answers.

Q1:

If four listeners evaluate 50 voices and designate which region of the UK they think they come from, what metric could we use to evaluate the inter-observer reliability?

- ☐ Cohen's Kappa ✗
- ☒ Fleiss's Kappa ✓
- ☐ Intraclass correlation coefficient ✗
- ☐ discriminant validity ✗

Correct!

Q2:

Two judges in a gardening competition award entrants a mark of 'poor', 'fair', 'good' or 'excellent'. What method could be used to ensure the raters are measuring the same underlying construct of gardening ability?

- ☐ Fleiss's kappa ✗
- ☒ Cohen's kappa with weights ✓
- ☐ split half reliability ✗
- ☐ cronbach's alpha ✗

Correct!

Q3:

Child communication bids are counted during a 15 min videotaped interaction by 4 students. What metric can estimate how similar the student's counts are?

- ☐ Fleiss's kappa ✗
- ☐ cronbach's alpha ✗
- ☒ intraclass correlation coefficient ✓

Correct!

PALS0045 Week 11 Quiz

Start Over

Q4:

In order to establish the test-retest reliability of a self-control measure, children are measured 6 months apart on the same test. If it is a reliable measure you would expect to see

- ☐ no significant difference in group means ✗
- ☒ positive correlations between the time 1 and time 2 scores ✓
- ☐ negative correlation between time 1 and time 2 scores ✗

Correct!

Q5:

Which of the following constructs would you not expect to be consistent over time?

- ☐ cheerfulness ✗
- ☐ problem solving ability ✗
- ☒ tiredness ✓
- ☐ openness ✗

Correct!

Q6:

If items on a scale have low internal consistency it means...

- ☒ the items might not be all measuring the same underlying construct ✓
- ☐ the experiment does not have enough power to determine an effect ✗
- ☐ they will have a high average inter-item correlation ✗
- ☐ the items are too highly correlated ✗

Correct!

Q7:

Which of the following is true of cronbach's alpha

PALS0045 Week 11 Quiz

Start Over

- ☒ when it is negative it means that internal consistency is extremely low ✓
- ☐ it gets higher the fewer items you have ✗
- ☐ below 0.7 is acceptable ✗
- ☐ if it is too high it means you need more items ✗

Correct!

Q8:

Experimenters plan to administer a general knowledge test to 9 year olds and then retest it 6 months later. What could they do to mitigate practice effects?

- ☐ check criterion validity ✗
- ☒ use parallel forms ✓
- ☐ estimate kappa ✗
- ☐ estimate intraclass correlation coefficient ✗

Correct!

Q9:

A new screening measure for autism is compared to the gold-standard diagnostic tool, the ADOS, in order to measure

- ☐ discriminant validity ✗
- ☐ face validity ✗
- ☒ convergent validity ✓
- ☐ internal consistency reliability ✗

Correct!

Q10:

Three measures of emotion perception, empathy and theory of mind all purport to measure separate latent variables, however individuals' scores on each are highly correlated. This is an example of poor...

- ☒ discriminant validity ✓
- ☐ face validity ✗

PALS0045 Week 11 Quiz

[Start Over](#)

- ☐ concurrent validity **x**
- ☐ internal consistency reliability **x**

Correct!