Stats lab

Week 4

Example of writing up reliability information

Three items assessed aggressive behavior and demonstrated moderate to high inter-item correlations and an acceptable level of reliability ($\alpha = .79$)

Inter-item correlations revealed that number of drinks per week was strongly correlated with self-reported urge to drink, $r(394) = .87$, $p < .001$, and hours spent in bars per week, $r(394) = .95$, $p < .001$.

Your write up

- The point is to DESCRIBE the relationships among variables – how well do they "hang together"?
- How are the variables related?
- As one increases, what happens to the other? If they're measuring the same thing, they should move together.

Portrait of a good reliability inference

- Tells what the variables are
- Indicates the overall relationship among the variables (usually an alpha)
  - Includes the alpha value & interprets this information in english
- Indicates the relationships among each variable
  - Usually in terms of inter-item correlations
  - Offers an assessment of the strength of the relationships

How to tell…

- Ask yourself:
  - What would you want to know about this measure?
  - It's always better to include more information