Lab 03: Critical Proposal

Targetting your Target Paper

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Overview of Lab 03

> **Note**
>
> The objective of today is to immerse yourself in the 'Research Methods' of your Critical Proposal Target Paper

This may seem like an 'academic' exercise now.. but it is not!

Reading

- Being able to read a single paper carefully and critically is an important skill
- Being able to synthesise multiple papers and appreciate similarities and differences is crucial
- Building on this effort to identify 'gaps' or ways to build on strengths

Today

> **Note**
>
> **Think more carefully about each of the following aspects and jot down some ideas for your Critical Proposal:**
> 1. Design of the study
> 2. Participants and recruitment
> 3. Materials
> 4. Procedure

> **And you will need to identify an Effect Size (again) - why not highlight it now!**

Remember

> Tip
>
> You can show your Lab Tutor the paper you propose to use for your Critical Proposal... DO SO!

It needs to be a peer-reviewed empirical paper from the Psychology literature that presents a quantitative study, includes methods (Design, Participants, Materials) and analyses the data. Failure to follow these rules will impact your mark.

Design Schematic

You will be required to complete elements of this diagram and include it in your Critical Proposal. How much of it could you think about completing now? (The template can be downloaded on the VLE in the Coursework Information section, and edited at www.draw.io)

Everything I will need to know about my study
Andy Student (33412345)

IV(A)	
A1	Level 1
A2	Level 2
Type	Between/Within?

IV(B)	
B1	Level 1
B2	Level 2
Type	Between/Within?

The Relationship between IV(A), IV(B) and DV

		Independent Variable B	
		B1	B2
Independent Variable A	A1	DV for A1,B1	DV for A1,B2
	A2	DV for A2,B1	DV for A2,B2

This is my design	
?	Between Groups
?	Repeated Measures
?	Mixed

Effect Sizes	
IV(A)	?
IV(B)	?
A*B	?

Dependent Variable	
Name	My Dependent Variable
Measurement	How my DV is measured
Type	Continuous

Sample Size Required	
IV(A)	?
IV(B)	?
A*B	?

Hypotheses	
H1	Main effect of IV(A) on DV
H2	Main effect of IV(B) on DV
H3	Interaction effect of IV(A) * IV(B) on DV