

# 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](http://www.draw.io))

Everything I will need to know about my study Andy Student (33412345)							
IV(A)		The Relationship between IV(A), IV(B) and DV			This is my design		
A1	Level 1	Independent Variable A	Independent Variable B		?	Between Groups	
A2	Level 2		B1	B2	?	Repeated Measures	
Type	Between/Within?		A1	DV for A1,B1	DV for A1,B2	?	Mixed
			A2	DV for A2,B1	DV for A2,B2		
IV(B)						Effect Sizes	
B1	Level 1					IV(A)	?
B2	Level 2					IV(B)	?
Type	Between/Within?					A*B	?
Dependent Variable						Sample Size Required	
Name	My Dependent Variable					IV(A)	?
Measurement	How my DV is measured					IV(B)	?
Type	Continuous					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						