



# Lab 04: Open Materials & Data

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# Overview of Lab 04



# Keep progressing your Critical Proposals

- Get your Target Paper checked by your Lab Tutor Is it still the best you can do?
- Have a look at the sample Critical Proposal in the Coursework Information section of the VLE.
- It got a first, but there was plenty of room for improvement.
- Last year the Effect Size information and Design Schematic were not required. This year, they **ARE COMPULSORY**.



# If you are happy with your Critical Proposal

- You can use the lab time to continue refining your research ideas.
- Start identifying and documenting your IVs and DVs. Maybe even your design!



# Your Design

How much of the Design of your study is known at this point?

Everything I will need to know about my study Andy Student (33412345)																												
<table><thead><tr><th colspan="2">IV(A)</th></tr></thead><tbody><tr><td>A1</td><td>Level 1</td></tr><tr><td>A2</td><td>Level 2</td></tr><tr><td>Type</td><td>Between/Within?</td></tr></tbody></table>		IV(A)		A1	Level 1	A2	Level 2	Type	Between/Within?	<table><thead><tr><th colspan="4">The Relationship between IV(A), IV(B) and DV</th></tr><tr><td rowspan="4">Independent Variable A</td><td></td><td colspan="2">Independent Variable B</td></tr><tr><td></td><td>B1</td><td>B2</td></tr><tr><td>A1</td><td>DV for A1,B1</td><td>DV for A1,B2</td></tr><tr><td>A2</td><td>DV for A2,B1</td><td>DV for A2,B2</td></tr></thead></table>		The Relationship between IV(A), IV(B) and DV				Independent Variable A		Independent Variable B			B1	B2	A1	DV for A1,B1	DV for A1,B2	A2	DV for A2,B1	DV for A2,B2
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This is my design			-------------------	-------------------		?	Between Groups		?	Repeated Measures		?	Mixed					IV(B)			-------	-----------------		B1	Level 1		B2	Level 2		Type	Between/Within?						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																																						

