

Analyzing Experiments: A Template

Research question	
Subject(s)/experimental unit(s)	
Explanatory variables and factor(s) <i>Quantitative/categorical?</i>	
Treatment(s) (Factor levels)	
Response variable(s) <i>Quantitative/categorical?</i>	
Describe the experimental design in words or diagrams	
Explain how experimental design principles apply in this study	Control: Random assignment: Replication:
Any <i>blocking</i> used? If so, describe the blocking and why it was used	
Any <i>blinding</i> used? If so, describe the blinding in context	
What <i>concerns</i> do you have about the design of this study?	
What statistical <i>analysis</i> techniques are appropriate for this study?	
What <i>conclusions</i> can be drawn from the study?	