

## Mini paper Rubric

<b>Part 1:</b>						
Grading mode	Criteria	Ratings				Points
Individual	Submitted relevant hypothesis	<b>3 pts - Meets expectations</b> Presents a testable hypothesis related to the paper assessed in class	<b>2 pts - Not quite meeting expectations</b> Hypothesis is not related to the paper assessed in class	<b>1 pt - Below expectations</b> Hypothesis is not testable and may or may not be related to the paper assessed in class	<b>0 pts - Not submitted</b>	3
<b>Part 2:</b>						
Individual	Participated in hypothesis discussion	<b>2 pts - Meets expectations</b> Provided more than just one pro and con for a hypothesis during the discussion.	<b>1 pt - Not quite meeting expectations</b> Provided one pro and con for a hypothesis during the discussion.	<b>0 pts - Below expectations</b> Did not participate in discussion when choosing hypothesis		2
Group	Submitted introduction and methods	<b>2 pts - Meets expectations</b> Group submitted introduction and methods	<b>1 pt - Below expectations</b> Group submitted introduction or methods	<b>0 pts - Not submitted</b>		2
<b>Part 3:</b>						
Group	Submitted results and discussion	<b>2 pts - Meets expectations</b> Submitted results with figure and discussion	<b>1.5 pts - Not quite meeting expectations</b> Submitted results and discussion without figure	<b>1 pt - Below expectations</b> Submitted results or discussion	<b>0 pts - Not submitted</b>	2
<b>Part 4:</b>						
Individual	Conducted peer review	<b>4 pts - Meets expectations</b> Peer review includes thoughtful reflection for each rubric category	<b>3 - 2 pts - Not quite meeting expectations</b> Peer review includes reflection for some rubric categories	<b>1 pt - Below expectations</b> Peer review includes reflection for a few of the rubric categories	<b>0 pts - Far below expectations</b> Peer review does not include thoughtful reflection, or was not submitted	4
<b>Part 5:</b>						
Group	Writing quality	<b>3 pts - Meets expectations</b> Submission was proofread with no obvious spelling or grammar errors. Writing is in complete sentences and is easy to understand.	<b>2 pts - Not quite meeting expectations</b> Overall easy to understand, some minor spelling and grammar errors.	<b>1 pt - Below expectations</b> Several spelling and grammar errors. Writing is somewhat difficult to understand.	<b>0 pts - Far below expectations</b> Many spelling and grammar errors. Writing is difficult to understand and was clearly not proof read.	3
Group	Results figure	<b>4 pts - Meets expectations</b> There	<b>3 - 2 pts - Not quite meeting</b>	<b>1 pt - Below expectations</b> There	<b>0 pts - Far below expectations</b> There	4

		is at least one graph depicting the data. All confidence intervals, trendlines, or other pieces critical to interpreting the image are included. Axes and legends are properly labeled. The figure caption correctly explains the figure.	<b>expectations</b> There are minor errors with aspects of the graph, including parts relevant to understanding it, the axes or legend labels, or the main body of the graph itself. The figure caption has some errors.	are major errors with aspects of the graph, including parts relevant to understanding it, the axes or legend labels, or the main body of the graph itself, but the figure can still be understood. The figure caption has some errors.	are major errors with aspects of the graph and the figure cannot be understood. The figure caption has major errors. Or no figure submitted	
Group	Background information	<b>5 - 4 pts - Meets expectations</b> Introduction contains scientific background information that helps explain the purpose of the study, including why the variables used are important.	<b>3 - 1 pts - Not quite meeting expectations</b> Introduction validates the purpose of the study and the variables used but does not do so with scientific information.		<b>0 pts - Below expectations</b> Introduction does not give background about the study or was not submitted	5
Group	Hypothesis and predictions	<b>3 pts - Meets expectations</b> The hypothesis and predictions are clearly stated. The predictions correctly relate to the hypothesis and the chosen hypothesis is testable.	<b>2 - 1 pts - Not quite meeting expectations</b> The hypothesis and predictions are clearly stated but the hypothesis is not testable or the predictions do not relate to the hypothesis		<b>0 pts - Below expectations</b> The hypothesis and predictions are not stated.	3
Group	Description of methods	<b>5 - 4 pts - Meets expectations</b> The methods are clearly described and repeatable. They are written in paragraph form, in past tense, and the section includes a full list of materials and statistics required to gain results.	<b>3 - 2 pts - Not quite meeting expectations</b> A few minor steps or materials are missing from the methods. The section is written in paragraph form.	<b>1 pt - Below expectations</b> A few major steps or materials are missing from the methods. The section is written in paragraph form.	<b>0 pts - Far below expectations</b> The methods are missing many steps or are unclear. The section is not written in paragraph form. Or the section is not submitted.	5
Group	Part 5: Description of results	<b>5 - 4 pts - Meets expectations</b> The results are clearly described. All statistical findings	<b>3 - 2 pts - Not quite meeting expectations</b> The results descriptions are missing some	<b>1 pt - Below expectations</b> The results descriptions are missing some major aspects. Many	<b>0 pts - Not submitted</b>	5

		include the appropriate significance value (p-value, confidence intervals etc).	minor aspects. Some of the significance values are missing.	of the significance values are missing		
Group	Discussion quality	<b>5 - 4 pts - Meets expectations</b> The discussion covers the implications of the results and possible limitations of the study, if applicable. Includes at least one citation.	<b>3 - 2 pts - Not quite meeting expectations</b> The discussion covers most implications of the results and limitations of the study, if applicable. It includes at least one citation.	<b>1 pt - Below expectations</b> The discussion is missing some clear implications of the results or limitations of the study, if applicable. It may or may not include any citations.	<b>0 pts – Far below expectations</b> The discussion is missing many of the clear implications of the results or limitations of the study. It may or may not include any citations.	5
Group	Citations	<b>2 pts - Meets expectations</b> Any papers used in the assignment are correctly cited using JWM format both in the 'works cited' section and in-text.	<b>1 pt - Not quite meeting expectations</b> Citations have minor errors either in the 'works cited' section or in-text.	<b>0.5 pts - Below expectations</b> Citations have major errors either in the 'works cited' section or in-text.	<b>0 pts - Not submitted</b>	2
Individual	Individual contribution on group work	<b>0 pts – Full participation</b> Group participation reviews show that student contributed significantly to the grant proposal		<b>-1 to -10</b> Group participation reviews show that student did not participate in writing the mini paper.		
Total						45