## **EPHE 245 Lab Research Paper Grading Rubric – Results**

Data and Effects or lack thereof)  No statistical report provided. Unclear description of result.  Dompleting Statistics  On all statistical tests were performed, and many of them were difficult to follow how the statistics were done.  Reporting Statistics  On-1-1.4 Points  Not all statistical tests were performed, and many of them were difficult to follow how the statistics were done.  Reporting Statistics  On-1-1.4 Points  Not all statistical tests were performed, and many of them were performed incorrectly. It is every difficult to follow how the statistics were done.  Reporting Statistics  On-1-1.4 Points  Not all statistical tests were performed, and many of them were performed incorrectly. It is every difficult to follow how the statistics were completed.  On-1-1.4 Points  Not all statistical tests were performed, and many of them were performed incorrectly. It is every difficult to follow how the statistics were completed.  On-1-1.4 Points  Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.  On-1-1.4 Points  All statistical tests are reported, but only an estimate of p-value is reported.  On-1-1.4 Points  All statistical tests are reported, but only an estimate of p-value is reported.  On-1-1.4 Points  All statistical tests are reported, but only an estimate of p-value is reported.  On-1-1.4 Points  All statistical tests are reported, but only an estimate of p-value is reported.  On-1-1.4 Points  All statistical tests are reported, but only an estimate of p-value is reported.  On-1-1.4 Points  All statistical tests are reported, but only an estimate of p-value is reported.  On-1-1.4 Points  All statistical tests are reported.  On-1-1.4 Points  All statistical tests are reported, but ontal lexact values are given.  On-1-1.4 Points  All statistical tests are reported, but ontal lexact values are given.  On-1-1.4 Points  All statistical tests are reported.  On-1-1.4 Points  All statistical tests are reported.  On-1-1.4 Points  All statis	Criteria	Beginning	Developing	Accomplished	Exemplary	Total
No statistical report provided. Unclear description of result. Statistical result reports relevant data and results. Statistical rests were all/mostly done correctly, but oncorrectly done, such follow how the statistics were completed. Statistics were completed. Statistics were completed. Statistics are not required required reported. Statistics are not reported. Statistical rests are reporte	Description of	0.1-0.8 Points	0.9-1.2 Points	1.3-1.6 Points	1.7-2.0 Points	/2 0
Not all statistical tests were performed, and many of them were performed incorrectly. It is very difficult to follow how the statistics were done.  Reporting Statistics  ■ 0.1-1.4 Points	Data and Effects (or lack thereof)	report provided. Unclear description of	paragraph is dedicated to a result. Statistical result may be	match paragraph to a	described by a paragraph and is clearly referenced and reports relevant data and	72.0
Not all statistical tests were performed, and many of them were performed incorrectly. It is very difficult to follow how the statistics were done.  Reporting Statistics     Not all statistical tests were performed incorrectly. It is very difficult to follow how the statistics were done.    Not all statistical tests were performed incorrectly. It is very difficult to follow how the statistics were done.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow how the statistics were completed.    Not all statistical tests were all/mostly done correctly, but it is not easy to follow where these numbers came from.    All statistical tests sare all correctly, but it is not easy to follow where these numbers came from.    All statistical tests sare all correctly, but it is not easy to follow where these numbers came from.    All statistical tests sare all correctly, but it is not easy to follow where these numbers came from.    All statistical tests sare all correctly, but it is not easy to follow where these numbers came from.    All statistical tests sare all correctly, but it is not easy to follow where these numbers came from.    All statistical tests sare all correctly, but it is not easy to follow the statistics were completed.    All stati	Completing	0.1-1.4 Points	1.5-1.9 Points	2.0-2.5 Points	2.6-3.0 Points	/3.0
Many of the required statistics are not reported.  Many of the required statistics are not reported.  Mriting Quality & O.1-0.8 Points  All statistical tests show p-value, but only an estimate of p-value is reported (e.g., p < .05). Not all required statistics are reported.  Mriting Quality & O.1-0.8 Points  All statistical tests are reported, but not all exact values are given.  Mriting Quality & O.1-0.8 Points  Paper shows a below average/poor writing style using APA guidelines and standard English. Frequent errors in spelling, grammar, punctuation, usage, and/or usage.  All statistical tests are reported, but not all exact values are given.  All statistical tests are reported, but not all exact values are given.  All statistical tests clearly report an exact p-value, exact effect size, mean differences, confidence intervals, degrees of freedom, and t-values.  72.0 Points  Paper shows a below average writing style and clarity in writing style and standard English with some errors in spelling, grammar, punctuation, usage, and/or usage, and/or punctuation, usage, and/or punctuation, usage, and/or	Statistics	tests were performed, and many of them were performed incorrectly. It is very difficult to follow how the statistics	were not all correct/done, and it is difficult to follow how the statistics were	were all/mostly done correctly, but it is not easy to follow how the statistics were	correctly done, such that <i>p</i> -values, effect size, mean differences, confidence intervals, degrees of freedom, and <i>t</i> -value can all be reported. It is easy to follow where these	
Many of the required statistics are not reported.  Mriting Quality & All statistical tests show p-value, but only an estimate of p-value is reported (e.g., p < .05). Not all required statistics are reported.  Mriting Quality & Adherence to Format Guidelines Within the Paper (not ncluding figures/tables)  Many of the required statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mal statistical tests are reported, but not all exact values are given.  Mriting Quality and t-values.  Paper shows an average shows an average writing style and clarity in writing style and standard English with little errors in spelling, grammar, punctuation, usage, and/or provide feed wall exact values are given.  Mriting Quality are reported.  Paper shows an average shows an average writing style and clarity in writing style and standard English with little errors in spelling, grammar, punctuation, usage, and/or provide feed wall exact values are given.  Mriting Quality are reported.  Paper shows an average shows an	Reporting	0.1-1.4 Points	1.5-1.9 Points	2.0-2.5 Points		/3.0
Paper shows a below average and/or casual writing style using APA guidelines and appropriate standard English. Frequent errors in spelling, grammar, punctuation, usage, and/or  Paper shows a below average and/or casual writing style using APA guidelines and standard English with little errors in grammar, punctuation, usage, and/or  Paper shows a below average writing style and clarity in writing using APA guidelines and standard English writing style and below average writing style and clarity in writing using APA guidelines and standard English with little errors in grammar, punctuation, usage, and/or punctuation, punctuation, punctuation,	Statistics	required statistics are not	show $p$ -value, but only an estimate of p-value is reported (e.g., $p < .05$ ). Not all required statistics are	are reported, but not all exact	clearly report an exact p-value, exact effect size, mean differences, confidence intervals, degrees of freedom,	
Paper shows a below average and/or casual writing style using APA guidelines and appropriate standard English. Frequent errors in spelling, grammar, punctuation, punctuation, punctuation, paper shows a below average and/or casual writing style and average and/or casual writing style adove average and clear using APA guidelines and standard English writing style and clarity in writing using APA guidelines and standard English with little errors in grammar, punctuation, usage, and/or paper shows a average and/or average and/or paper shows an average and/or average and/or punctuation average and/or paper shows an average and/or average and/or price average and/or paper shows an average and/or average and/or price average and clear using APA guidelines and standard English with some errors in grammar, punctuation, p	Writing Quality	0.1-0.8 Points	0.9-1.2 Points	1.3-1.6 Points	1.7-2.0 Points	/2.0
and/or formatting.  Section is Section is somewhat lacking in length.  Section is somewhat lacking in length.  Section meets the required length.  Section meets the required length.	& Adherence to Format Guidelines Within the Paper (not including figures/tables)	Paper shows a below average/poor writing style using APA guidelines and appropriate standard English. Frequent errors in spelling, grammar, punctuation, spelling, usage, and/or formatting.	Paper shows an average and/or casual writing style using APA guidelines and standard English with some errors in spelling, grammar, punctuation, usage, and/or formatting.  Section is somewhat lacking	Paper shows above average writing style and clarity in writing using APA guidelines and standard English with little errors in grammar, punctuation, spelling, usage, and/or formatting.	Paper is well written and clear using APA guidelines and standard English characterized by elements of a strong writing style and basically free from grammar, punctuation, spelling, usage, or formatting errors.	,2.0
TOTAL POINTS (sum of 4 Criteria) /10				TOTAL POINTS	(sum of 4 Criteria)	/10

<sup>\*</sup> Papers submitted late, for any reason, will be assessed a grade of 0%.