

Chi-Squared Content Rubric

	Expert	Got It	On the Way
Research Question (2pts)	(2pts) Research question measure at least two groups using a single metric	2pts) Research question measure at least two groups using a single metric	2pts) Research question measure at least two groups using a single metric
Background (28pts)	<p>(12pts) Summarizes the prior research about the research question with in text citations</p> <p>(8pts) Outlines all the demographics of the sample</p> <p>(8pts) Explains how the study was organized & what test was used to answer the research question</p>	<p>(10pts) Summarizes the prior research about the research question</p> <p>(6pts) States the total sample size & how many of each group in the sample</p> <p>(6pts) Explains how the study was organized</p>	<p>(6pts) Restates the research question of the study</p> <p>(8pts) States the total sample size & how many of each group in the sample</p>
Null & Alternative Hypothesis (8pts)	<p>(6pts) Both hypotheses are clear & easy to understand</p> <p>(2pts) The null hypothesis is based on the expected values from the sample</p>	(6pts) Both hypotheses are clear & easy to understand	(4pts) Null & alternative hypothesis is included but may not be totally correct or clear
Results (30pts)	<p>(10pts) Displays & summarizes the observed and expected values from the study</p> <p>(10pts) Includes appropriate tables, charts, & graphs & they integrate well into the text</p> <p>(10pts) Discusses, chi-squared, & p-values</p>	<p>(8pts) Displays the observed and expected values from the study</p> <p>(8pts) Includes appropriate tables, charts, & graphs</p> <p>(10pts) Discusses the chi-squared, & p-values</p>	(8pts) Displays & summarizes most of the relevant data & observations
Conclusion/ Discussion (30pts)	<p>(5pts) Summarizes of the key conclusions of the study</p> <p>(10pts) Explains what the results mean by using degrees of freedom & critical values.</p> <p>(5pts) Discuss the quality of the sample & the study (random & representative)</p> <p>(10pts) States whether to accept or reject the null hypothesis</p>	<p>(5pts) Summarizes of the key conclusions of the study</p> <p>(9pts) Explains what the results mean & the significance</p> <p>(10pts) States whether to accept or reject the null hypothesis</p>	<p>(5pts) Summarizes of the key conclusions of the study</p> <p>(10pts) States whether to accept or reject the null hypothesis</p>
References (2pts)	(2pts) Sources are correctly formatted and from a trustworthy source	(1pts) Sources are correctly formatted	(0.5pts) Sources not are correctly formatted