

**Statistics 467/567: Applied Multivariate Methods– Lynn A. Agre, MPH, PhD  
Summer 2020**

<b>Univariate and Bivariate Analysis Paper GRADING Rubric</b>	<b>POINTS</b>
<b>TIMELINESS</b>	
Univariate and bivariate analysis report submitted by deadline	5
<b>ORGANIZATION</b>	
Paper includes all subheadings; pages are numbered	2
Paper is at least 10-12 pages of narrative (double-spaced) text (excluding tables, charts and references)	3
<b>ABSTRACT</b>	
Introduction briefly summarizes study	5
<b>INTRODUCTION (BRIEF LIT. REVIEW)</b>	
Literature review is relevant to topic being studied and hypotheses to be tested	5
Literature is from academic sources, not internet – 3 hypotheses appear at end of lit review	5
<b>METHODS</b>	
Which univariate and bivariate statistics selected (measures of dispersion, graphs, plots)	5
Methods are based on appropriate evidence-based literature – suitable to the data	5
Hypotheses delineated (clearly defined) given data set and linked to specific method	5
<b>RESULTS</b>	
Results are described based on Tables, Graphs/Charts – each type numbered separately	5
<b>TABLES, GRAPHS</b>	
Tables/charts are numbered, contains title, sample size (n = ?), axes labeled (1 pt. Each)	10
Tables/charts are referred to in the body of paper by number	5
<b>DISCUSSION (CONCLUSION)</b>	
Explain how univariate and bivariate methods lead to multivariate testing	5
Based on type and univariate distribution and bivariate result, which multivariate proposed	5
Broader impact of the study, i.e. policy implications	5
Appropriate recommendations are made regarding subsequent research analysis	3
Possible limitations of study discussed briefly (other variables that need to be included)	2
<b>REFERENCES: ACADEMIC INTEGRITY AND QUALITY</b>	
Source material properly paraphrased and/or cited and referenced in APA or AMA style.	10
Prose quality (complete sentences, student's own words, punctuation and spelling)	10
<b>TOTAL maximum score</b>	<b>100</b>