

Spline Reports		
Criteria	Ratings	Pts
Introduction - First sentence view longer description	The first sentence is clear, describes the field of study in a way that is easy to understand for a general audience.	/ 2 pts
Introduction - Problem and purpose view longer description	Describe the problem that you are answering with this analysis and why	/ 3 pts
Introduction - Summary of findings view longer description	Briefly highlight the most important finding.	/ 2 pts
Introduction - Clarity view longer description	The entire introduction is easy for a general audience to understand and does not use statistical jargon.	/ 3 pts
Methods - Purpose view longer description	Describes the goal of the analysis in more detail than the introduction	/ 3 pts
Methods - Statistical method justification view longer description	Explain the reasoning for the statistical method you chose and how it meets the goals of the analysis.	/ 3 pts

Methods - Statistical method view longer description	Explain the statistical method using an appropriate level of detail for the audience of interest. Explain complexity and limitations/fixes.	/ 10 pts
Results - Data Overview view longer description	Describe the dataset and formatting: data formatting process, number of rows/columns, explain what a row of data represents, method of collection, data issues such as missing data	/ 5 pts
Results - Baseline table view longer description	Provides a well-formatted table of data statistics, mean(standard deviation) or median/IQR. Stratifies by the variable of interest when appropriate. Provides the appropriate number of digits. Row name describes variable without code, includes unit of measure. Provides caption.	/ 5 pts
Results - Spline modeling view longer description	Modeling was carried out in the principled way indicated in the methods section. Sound statistical reasoning was used to choose model complexity and interactions.	/ 15 pts
Results - Spline presentation view longer description	Spline models are presented visually. The graphics make a good use of space (paneling graphics if necessary). All axes are labeled with units. Y-axis is chosen to make results clear. Includes clear figure caption.	/ 15 pts
Results - Explain model findings view longer description	Explains what the model indicates about data. Takes time to explain in words how to interpret the spline curves in terms of subject matter.	/ 15 pts

Conclusion - Accomplished view longer description	Restate goal. Describes what analysis accomplished.	/ 2 pts
Conclusion - Major findings view longer description	Describes most important findings in terms of the research question without overreliance on statistical jargon	/ 4 pts
Conclusion - Limitations view longer description	Describes possible limitations of data or method	/ 3 pts
Appendix - EDA view longer description	Sufficient use of EDA to understand and format data	/ 5 pts
Appendix - Explanation for code view longer description	Each part of the code is explained	/ 5 pts
Total Points: 0		