

Paper Section	Assessment			
	Unable to Assess (0)	Developing (1)	Competent (2)	Exemplary (3)
Title/Introduction (Aim for less than 1 page)	Missing.	Title may be missing or not descriptive. Introduction does not describe the problem of interest or is missing relevant hypotheses, or both are included with major flaws OR statistical methods and data may not be described, or descriptions have major flaws.	Title is clear and descriptive. Introduction describes the problem of interest and states relevant hypotheses, with minor flaws. Statistical methods and data are briefly described, possibly with minor flaws.	Title is clear and descriptive. Introduction clearly describes the problem of interest and clearly and accurately states relevant hypotheses for the problem of interest. Statistical methods and data are accurately and briefly described. Introduction is well-written and engaging.
Methods (Aim for 1 page)	Missing.	Only data collection OR statistical methods are discussed with minor flaws (and the other is missing), or both are discussed, but with serious flaws. Model notation may not be defined or is unclear. Tables and figures are missing, uninformative, or inappropriate. In text references and/or captions may be missing or have serious flaws.	Both data collection and statistical methods are discussed. Necessary assumptions and any data modifications are discussed with minimal flaws. Model notation is defined with minimal flaws. 1-2 relevant tables or figures summarizing interesting aspects of the data (not of statistical model results) are included, with consistent in text reference and captions with minimal flaws.	Both data collection and statistical methods are clearly and accurately discussed. Necessary assumptions are appropriately discussed and any modifications to the data are discussed (e.g. missingness, transformations). Model notation is clearly defined. 1-2 relevant tables or figures summarizing interesting aspects of the data (not of statistical model results) are included, with appropriate in text reference and informative, well-written captions.
Results (Aim for 1 page)	Missing.	Statistical model results are stated, either with major flaws or with too much interpretation. Figures/tables are missing or do not summarize results appropriately; they may also not be referenced in text and/or have uninformative or missing captions.	Statistical model results are stated clearly, with minimal interpretation and minor flaws. Where appropriate, 1-2 tables or figures are included to summarize results and are generally referenced in text with informative captions.	Statistical model results are stated clearly and accurately, with minimal interpretation. Where appropriate, 1-2 tables or figures are included that help summarize results; figures/tables are always referenced in text and have informative, well-written captions. Section is well-written.
Discussion (Aim for 1-2 pages)	Missing.	References are summarized but may not be discussed in the context of the problem(s) of interest. There are major flaws in result interpretations and/or discussion of limitations of data/statistical methods.	Results are summarized and discussed in context of problem(s) of interest. Interpretations of and limitations of data/statistical methods are discussed, with possible small gaps. One or more future steps/improvements are discussed with possible small flaws.	Results are summarized and discussed in context of problem(s) of interest. Interpretations are clear and accurate. Limitations of data/statistical methods are discussed accurately and thoroughly. One or more future steps/improvements are discussed. Discussion is well-written.
References	Missing.	References are rarely used and/or poorly formatted. In text citations are largely missing, even where needed, and R packages, data source(s), and supporting scholarly articles are not appropriately cited.	References are clear, with possibly formatting inconsistencies. In text citations are included. R packages, data source(s), and supporting scholarly articles are generally cited.	References are clear and consistently formatted. In text citations are included where appropriate. R packages, data source(s), and supporting scholarly articles are appropriately cited.