	A Paper	B Paper	C Paper
	Simulation		
Simulation Parameters	• Random seed is set to guarantee reproducibility. • Code properly simulates random variables for given sample sizes. • All sample sizes are included in code ($n = 10$, 100, etc.). • Proper test statistics are drawn from simulated data.	• Random seed is missing • Code properly simulates random variables for given sample sizes. • Not all sample sizes are included in code ($n = 100$). • Proper test statistics are drawn from simulated data.	• Random seed is missing • Code improperly simulates random variables for given sample sizes. • Not all sample sizes are included in code. • Proper test statistics are missing.
Figures	• All required figures are included and of presentation quality.	• All required figures are included, but quality is insufficient.	• Some figures are missing. The included figures are of insufficient quality.
Summary of Results	• Results of each simulation are clearly explained. • Pertinent details from figures are referenced. • Proper and valid conclusions are drawn from each simulation.	• Results of simulations are explained, but may be lacking details. • Pertinent details from figures are only briefly mentioned. • Some conclusions drawn from simulation results may be invalid.	• Simulation results are left unexplained. • Figures aren't described or given context. • Conclusions are invalid.

	A Paper	B Paper	C Paper
	Analysis		
Procedure & Justification	• Procedure is appropriate for the data. • Justification for the procedure is given and well-explained.	• Procedure is appropriate for the data. • Minimal or no justification for procedure is given.	• Procedure is inappropriate for the data. • No justification given.
Checking Assumptions	• All required assumptions for the procedure are explored. • All appropriate graphs are included with titles, labels, etc. • Any deviations of the assumptions must be addressed as well as the implications for any conclusions you make.	• At least some assumptions are explored. • At least some graphs are included. • Some deviations of the assumptions are addressed and the implications for the conclusions.	• Minimal explanation of the assumptions. • Minimal graphs. • No explanation of how any deviations affect conclusions.
Numerical Results	• All relevant summary statistics are reported. • All values have appropriate units. • All test statistics are correctly calculated.	• Some relevant summary statistics are reported. • Values may be missing units. • Test statistics are incorrectly calculated.	• Minimal summary statistics are reported. • No units. • Test statistics are incorrectly calculated.

	Presentation		
Report Structure	• Sections are clearly labeled. • Pages are numbered. • Title section with title of project, author's name, date, course, etc.	• Sections are labeled, but not formatted well. • Pages may or may not be numbered. • Title section is missing information or not formatted properly.	• Report sections are not labeled. • Page numbers missing. • No name or title.
Introduction / Summary	• Introduction clearly introduces reader to topic and data. • Summary lacks technical jargon. • Numbers are rounded to appropriate number of digits. • Parameters are not represented by symbols (μ, σ^2, etc.).	• Introduction is unclear or poorly written. • Jargon pay be present. • Numbers are not rounded to appropriate number of digits. • Parameters may be represented by symbols.	• Introduction is confusing or missing entirely. • Lots of jargon that makes understanding difficult. • Numbers are not rounded or missing completely. • Parameters are represented by symbols or not reported at all.
Accuracy and Clarity of Conclusions	• Concluding statements are clearly written. • Scope of inference is explained. • Conclusions refer to procedure and test statistic as evidence.	• Concluding statements are somewhat clear. • Scope of inference is missing or not explained well. • Conclusions mention procedure without test statistic as evidence.	• Concluding statements are vague and unclear. • Scope of inference is missing. • Conclusions don't mention procedure or test statistic.

Figures and Plots	• Plots and figures are relevant to data, assumptions, and conclusions. • Plots are of presentation quality. • Plots have appropriate titles, labels, units, and legends. • Axes scales are appropriate to convey meaning.	• Plots are relevant, but not presentation quality. • Plots have some labels and captions.	• Plots are not relevant nor presentation quality. • Plots are missing labels, titles, etc.
Attached R Code	• Code is attached in appendix after paper. • Code is commented properly. • Code would run without error if copied.	• Code is attached after paper. • Commenting is minimal or missing. • Code produces an error or two if copied and run.	• Code might be missing entirely. • Comments are missing. • Code returns several errors.