

### Description:

You will be given the opportunity to resubmit your assignment for full points if you address my comments. **Please include this response to review document inside of your R project** when you resubmit. You should provide a response, **colored in red**, outlining how you addressed each comment. Here is a generic example of how this might look (this comment is not specific to any submission):

The interpretation of your p-value in your “Methods” section is not fully correct. The p-value is NOT the probability that the null hypothesis is true. Please revise.

The p-value interpretation has been revised to indicate that it represents the probability of observing something as far (or farther) away from the assumed average.

### Assignment Comments:

You have several lintr issues that either need to be justified in an “explanations.txt” folder or in an assignment comment. Some of the lintr issues should be fixed and cannot be justified (those related to `1:length()` and such).

All lintr issues are now resolved. We fixed the global variables the way you suggested to satisfy lintr, and added a `global_vars` file to fix the notes about it that lintr was ok with since the RMD checks didn't properly recognize tidyverse. All lintr notes were clear before we moved to that.

Your submission is missing an introduction section where you explain the what and why of your package. Please add this instead of just launching into the functions that you intend to use.

Introduction is now included that includes a brief overview of what the package does and why the user would want to use it.

You need to define what “SOR” means before you start using the acronym in the text.

SOR is now defined in the introduction paragraph of the vignette. Here is the excerpt from the introduction now:

“SOR, or Strength of Record, is a measure of team performance that takes into account the quality of opponents a team has played and the outcomes of those games.”

You should take the `usethis::use_data()` command out of your vignette. No one would ever run this besides the developer. A copy of the full script should be in your data raw folder but developer specific lines should be omitted from the vignette.

The `usethis::use_data()` command has been omitted and a full script has been added to the data raw folder.

Remove personal pronouns like “me” and “I” and replace with more general terms like “the user”.

All personal pronouns have been removed and replaced with more general terms. Here is an excerpt from the introduction that illustrates this change:

“... Unlike other SOR systems, this package is designed to be user-friendly and accessible to analysts of all skill levels. With clear and concise documentation, users can easily navigate the package and calculate SOR scores for a given season. Moreover, the package is highly transparent, providing users with insights into the underlying data and formula used to calculate the scores. By using stat555sor, users can gain a deeper understanding of team performance and make informed decisions.”

Avoid saying things like “run this code”. Instead, just describe in the text what the code below is doing and don’t refer to “this code”, just show the code.

The text has been revised to just explain what is going on and the code itself. Here is an example of a revised section:

“Finally, the `sum_sor` function will run two for loops to sum up the SOR scores for each team. The function then creates a new data frame that contains three columns, the name of the team, their total SOR score and their SOR ranking.”

```
test_sor <- sum_sor(2023, "2023-03-12")
#> No encoding supplied: defaulting to UTF-8.
head(test_sor)
#>           Team      SOR ranking
#> 114   Houston 8.075916         1
#> 4     Alabama 7.806283         2
#> 133   Kansas 7.701571         3
#> 318    UCLA 7.557592         4
#> 238   Purdue 7.520942         5
#> 208 North Texas 6.767016         6
```

Please add a conclusions section that summarizes the main contributions of the package.

Conclusion section has been added that summarizes the what and why, and explains some potential adaptations that could be made to this analysis.

All of your sections feel very disconnected. You show a function and say what it does without any context. After reading the vignette, I still don’t really know what is going on. I am still not sure what an SOR is besides what I have gathered from talking to you. You need to provide a section where you describe how all of the functions connect to each other. You also need to add “bridge” sentences that help transition between each of the function-specific sections. I expect a significant rework of the text that improves the flow and provides much-needed context for what your package is trying to accomplish.

Entire vignette was rewritten. All of the suggestions and comments made in this document were taken into consideration while making the new vignette.

The document no longer reads like documentation of functions and instead provides a full description of what the package does, what functions are doing, and what the output means. The vignette now flows instead of feeling like independent blocks.