

Review

This is a novel contribution to the R community where the authors have introduced Congruent Matching Profile Segments (CMPS) algorithm to compare striated tool marks based on the work of Chen et al. (2019). The authors have also introduced additional metrics based on CMPS scores and compared these with the existing metrics in this work, that can be valuable for the community.

The provided examples are very helpful in the sense that they explain the working of the functions along with the arguments very well.

R Code

1. The coding style is not consistent through the article. For instance, in certain places, the objects have "." whereas the other places have "_" (cmps.result.KM, cmps_with_multi_scale). Please make sure that the coding style is kept consistent throughout the article.
2. In supplementary materials, all the functions are placed in a single file named 'func_collection.R'. Please make sure that only similar functions are placed in one file and the file is named such that the name reflects the type of functions within it. This will mean that the file 'func_collection.R' is split into multiple files.
3. Recommendation: Coding style may be improved and it can be done by following the tidyverse style guide. See package 'styler' for more information.