

February 6, 2023

Editor
The R Journal

Dear Professor Cook,

Please consider our article titled “Refactoring `nls()`: a constructive critique” for publication in the R Journal.

The manuscript reviews work carried out in a Google Summer of Code project in 2021 plus some follow-up work, particularly with `selfStart` models. We itemize some concerns with `nls()`, pointing out some actual fixes and some potential ones.

Because of the widespread use of `nls()` and its features, along with some important shortcomings in the underlying algorithms, we believe the readers of the R Journal will find this article helpful in guarding against possible errors in reported “solutions” as well as in the collective work to improve R and its resources.

Regards,

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