

Peer Review

Review of: "CAFE: An Integrated Web App for High-Dimensional Analysis and Visualisation in Spectral Flow Cytometry"

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Dr. Pellefigues already left a great review, and I will not repeat what is said there, but can only second his gripes regarding cell type identification described in the paper and support the idea of benchmarking the application against other commonly used workflows (even if in the form of a user study or objective metrics like the time it takes to analyze a dataset). Additionally, the tool relies on established tools like FlowJo for pre-processing, which is, in my experience, the most painful step in the analysis for beginners, and it would be amazing to see some implementation of unmixing, scaling, and manual gating in CAFE.

I do, however, believe that the field still is severely underserved software-wise in terms of open-source software and am happy that CAFE exists. I hope that this project is not a one-off release but will keep expanding its feature set and flourish into a great tool.

Declarations

Potential competing interests: No potential competing interests to declare.