

Peer Review File

Robust phenotyping of highly multiplexed tissue imaging data
using pixel-level clustering



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This manuscript has been previously reviewed at another journal that is not operating a transparent peer review scheme. This document only contains reviewer comments and rebuttal letters for versions considered at *Nature Communications*.

REVIEWERS' COMMENTS

Reviewer #1 (Remarks to the Author):

The authors have done a thorough response to the reviewer comments and I have no further requests.

Reviewer #2 (Remarks to the Author):

I would like to express my gratitude to the reviewers for incorporating my suggestions into their manuscript. I also want to commend the team for their dedicated efforts in creating a pip-installable library and crafting the illustrative Jupyter notebooks. Undoubtedly, these endeavors will enhance the method's accessibility and increase its usefulness to the broader scientific community. I found the entire process to be straightforward and seamless, and I wish the team all the best in their future endeavors.

Reviewer #3 (Remarks to the Author):

The authors have sufficiently addressed my concerns during the revision of the manuscript.