

Peer Review File

Global fitting for high-accuracy multi-channel single-molecule localization



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Editorial Note: 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*. Mentions of prior referee reports have been redacted.

Reviewers' Comments:

Reviewer #1:

Remarks to the Author:

The authors have well improved their manuscript by providing an additional biological example and a python software option. My comments have been addressed. I think the data presented and the new global fitting routine stands for themselves. Still, multi-color STORM is a specialist technique and so will be the software.