Paper Validation Report
for cellpose_plus

Correspondence: Yes
Percentages: 85.0%

Conclusion:

The repository contains full PyTorch implementations of every model family mentioned (Cellpose, Cellpose-Transformer, UNet, CARE, Noise2Self/Noise2Void, Mask-R-CNN, SegFormer); scripts that create the exact training/validation splits, run k-fold training, carry out the denoising + segmentation benchmarks, and compute all metrics listed in the paper (AP, AJI, boundary F-score, run-time, etc.). Dedicated figure-builder modules reproduce the main and supplementary figures, indicating the same datasets and numerical results can be regenerated. Because raw pretrained checkpoints and some large image archives must be downloaded separately, and because small parameter differences or random seeds could still give slight numeric drift, compliance is judged substantial but not perfect.