

Evaluation results: CelebA-Mask-HQ

Linear probing of SSL models

Diffusion-based
baselines

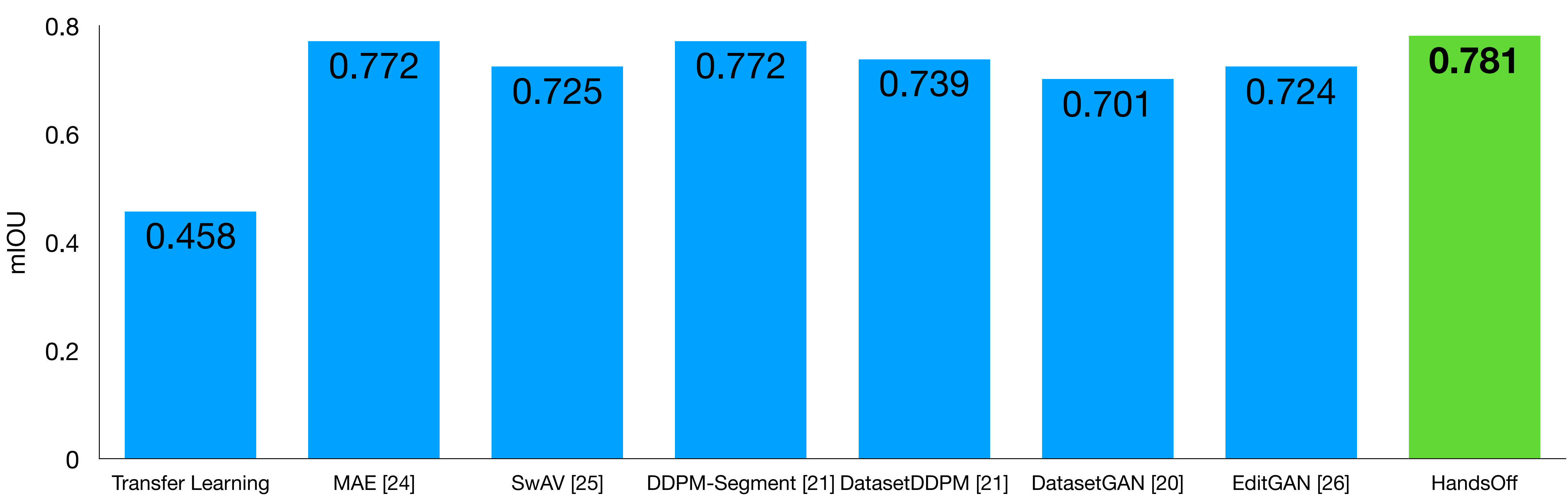
GAN-based
baselines







Previous
GAN-based
SOTA





Few-shot synthetic
dataset generation
approaches



Diffusion-
based SOTA

[24] Het al. (2022)

[25] Caron et al. (2020)

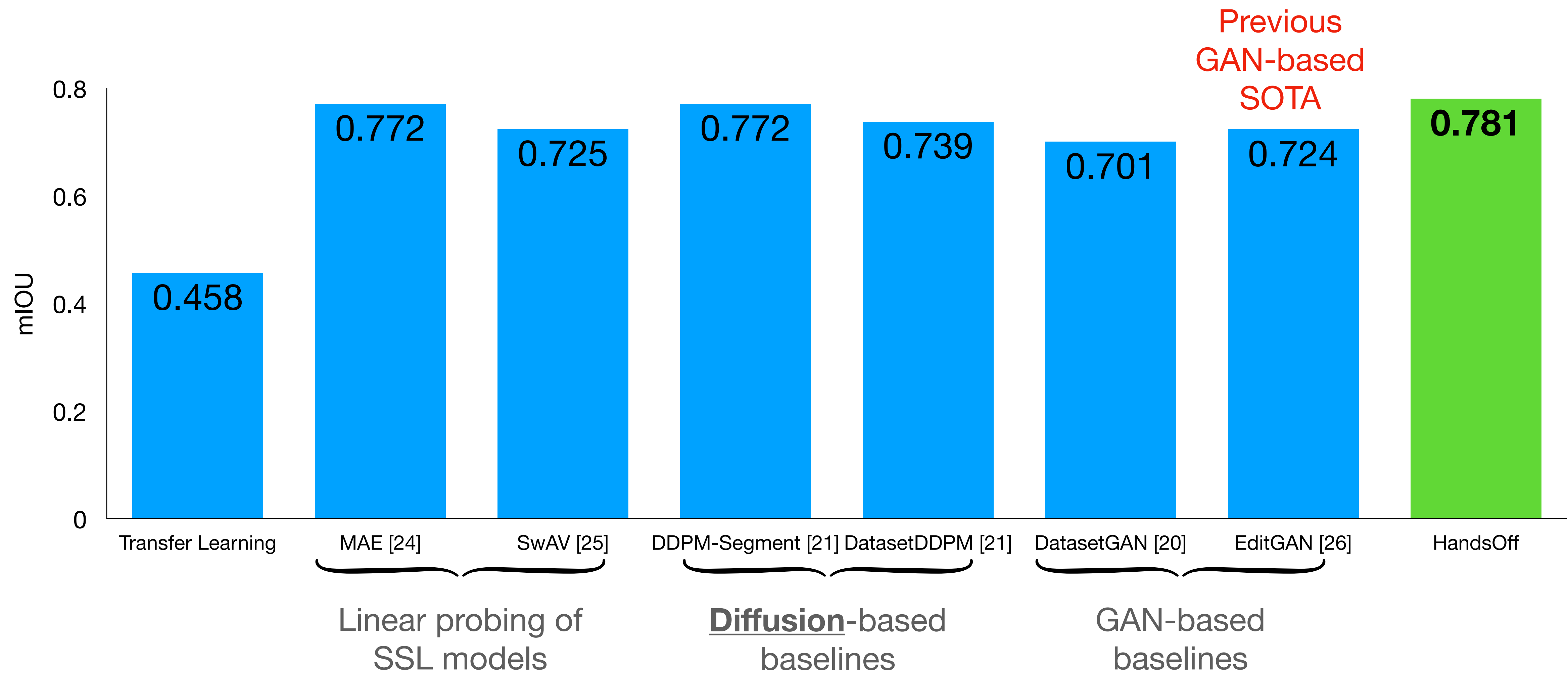
[21] Baranuk et al. (2022)

[26] Lingget al. (2021)

[20] Zhang et al. (2021)



Evaluation results: CelebAMask-HQ



[24] He *et al.* (2022) [25] Caron *et al.* (2020) [21] Baranchuk *et al.* (2022) ⁴² [20] Zhang *et al.* (2021) [26] Ling *et al.* (2021)

Aim 4 summary

We can use existing tools for different applications (e.g., image editing) to remove human annotators in synthetic dataset generation pipelines!

Publication: Conference paper at CVPR 2023 (Highlight Award)