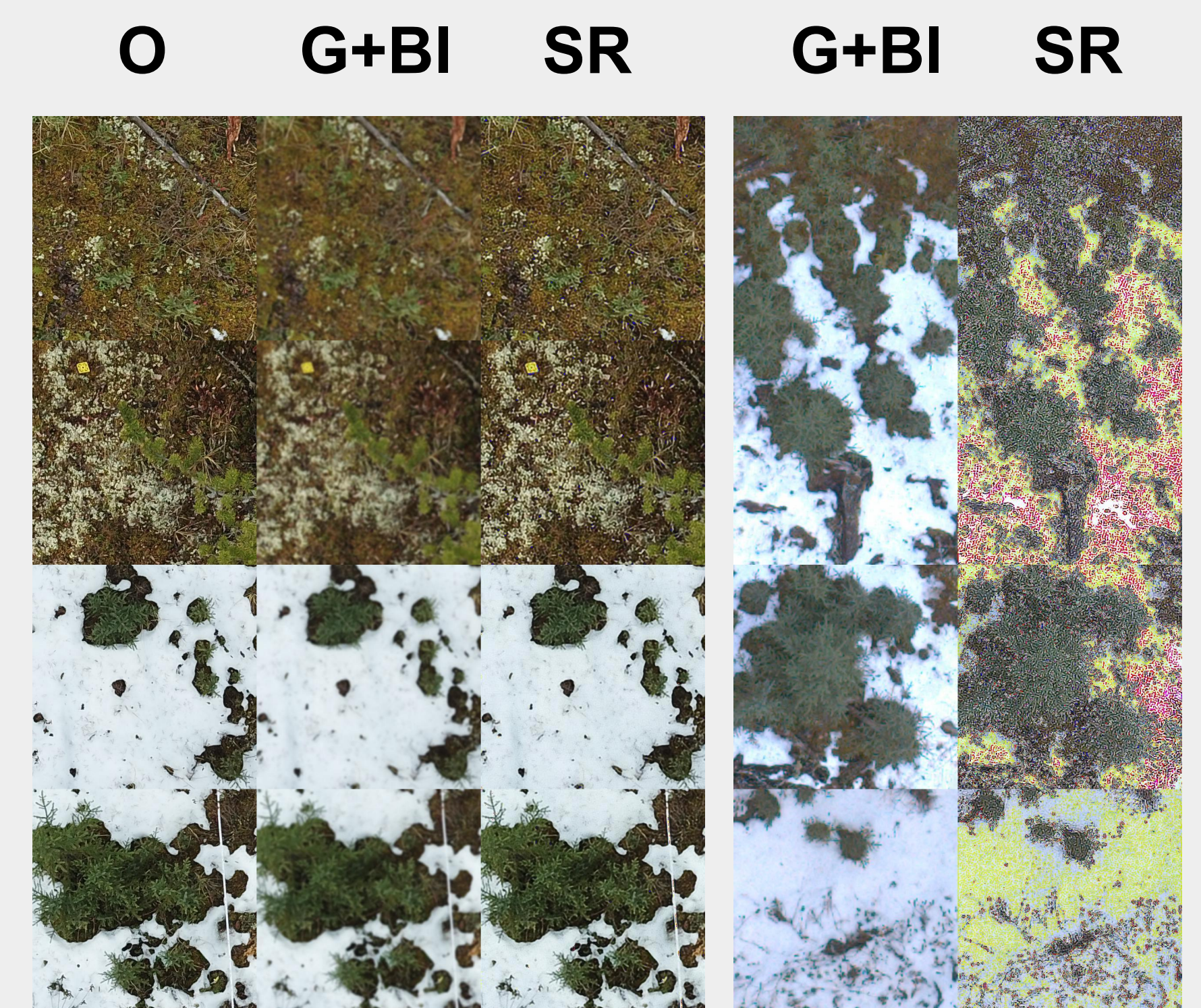


Superresolution Models

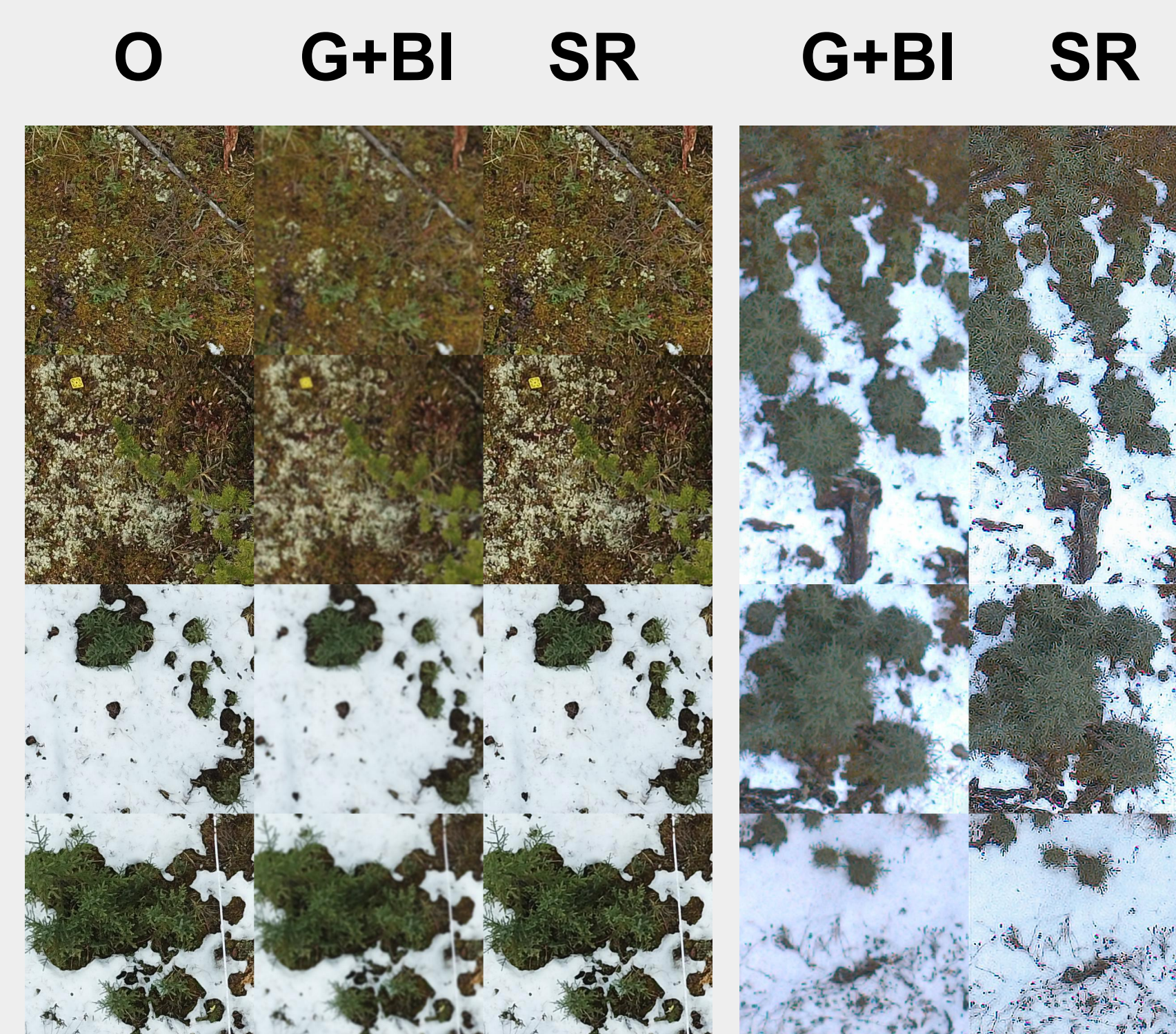
Legend

- [O] Original
- [G] Downsampling:
 - Gaussian Blur (Radius 2)
 - Resize → x0.5
- [BI] Bicubic Interpolation → Resize x2
- [SR] Superresolution Model Application

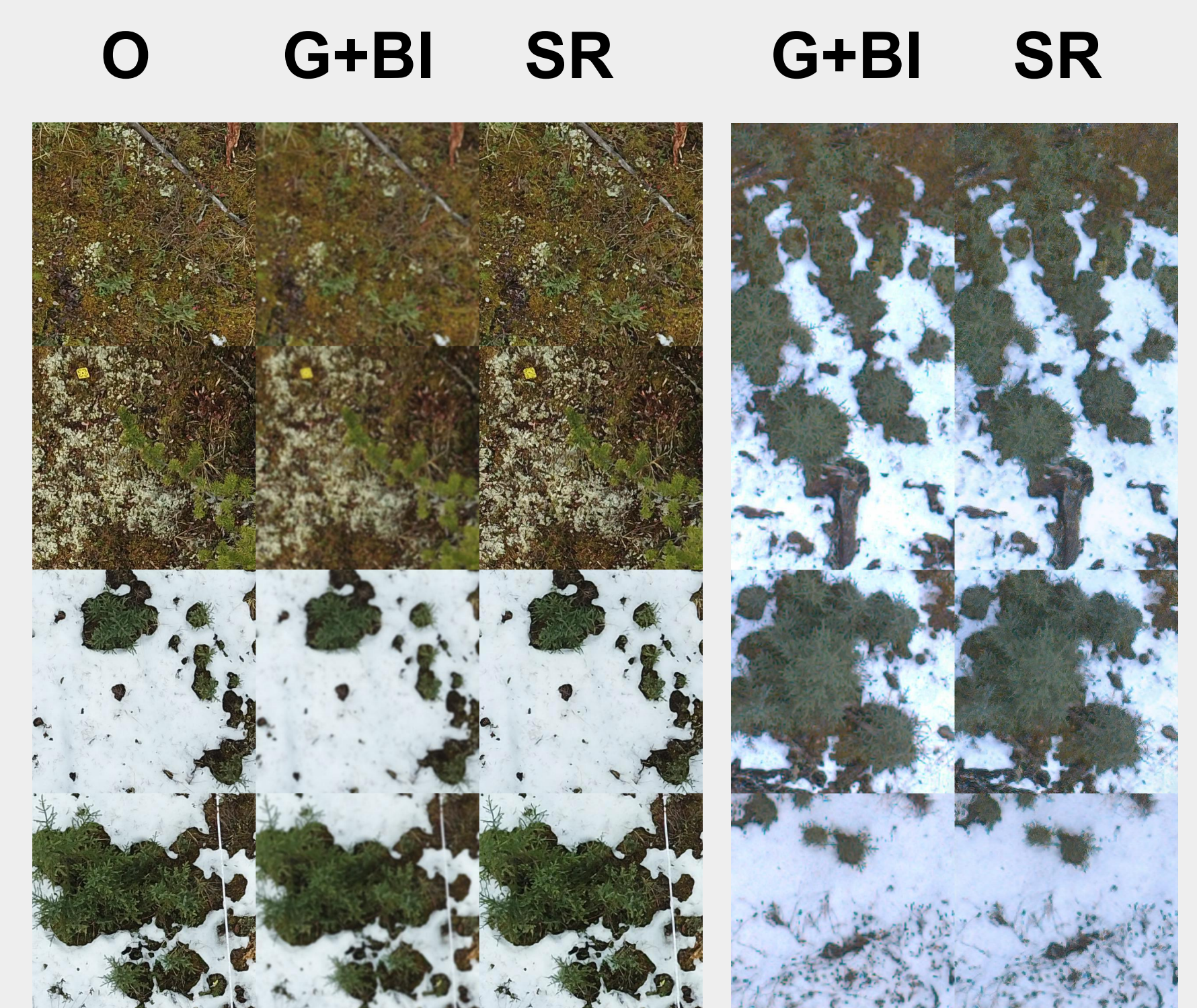
SRCNN



SRGAN

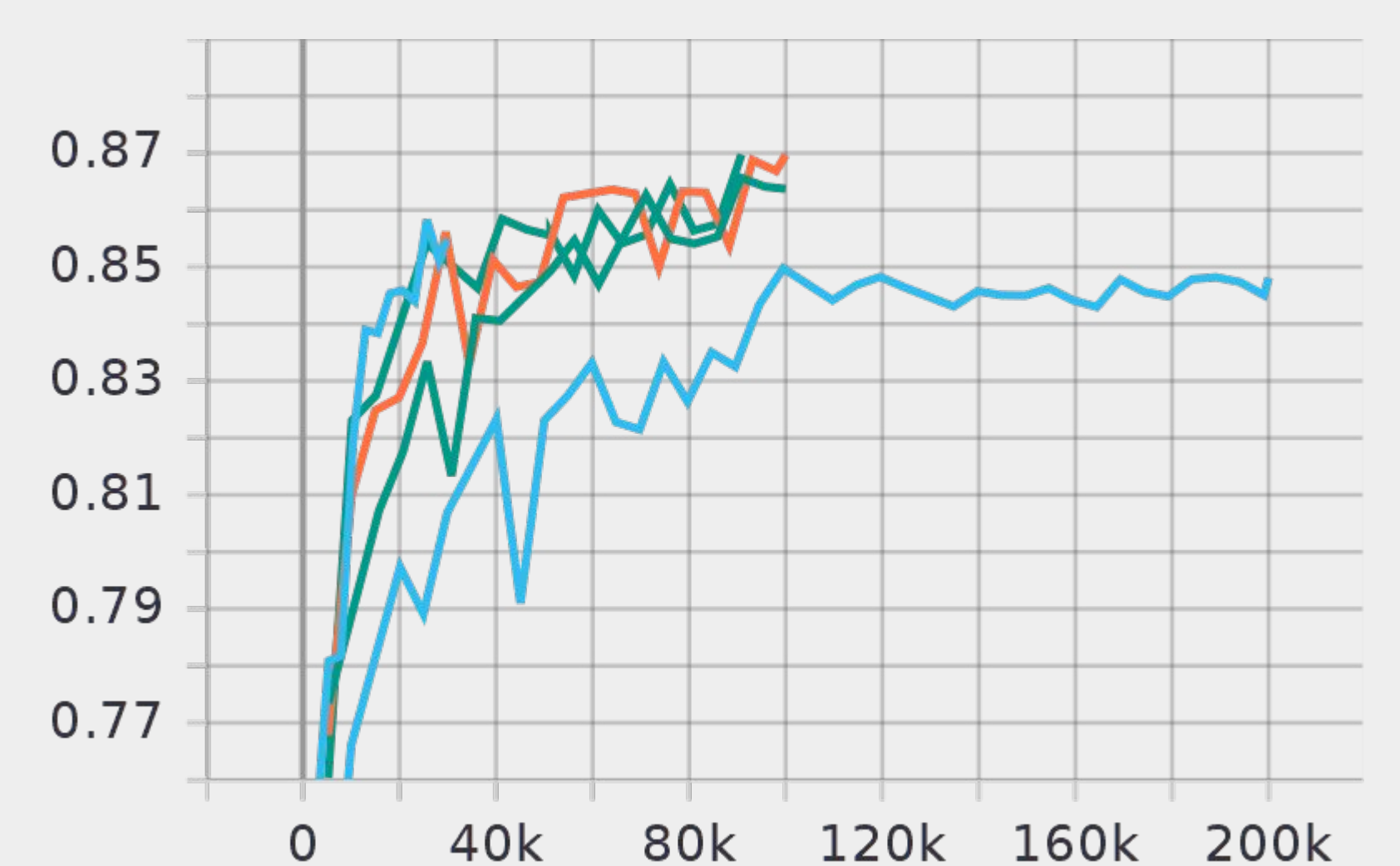


SFTGAN



Faster Resnet 50 Object Detection [OD]

- **0.8697 mAP@50IoU SRCNN**
- **0.8637 mAP@50IoU BICUBIC**
- **0.8557 mAP@50IoU SRGAN**
- **0.8550 mAP@50IoU RAW**
- **0.8481 mAP@50IoU SFTGAN**



- **0.4359 mAP@50IoU SFTGAN**
- **0.4245 mAP@50IoU BICUBIC**
- **0.4060 mAP@50IoU RAW**
- **0.2742 mAP@50IoU SRGAN**
- **0.0404 mAP@50IoU SRCNN**

