6 Supplementary Material

(a) PASCAL-5i

(b) COCO-20i

Figure 7: Class IoUs reached by PFENet with and without self-supervision on (a) PASCAL-5i and (b) COCO-20i dataset. X-axis corresponds to different classes in descending order of performance reached by PFENet without self-supervision.
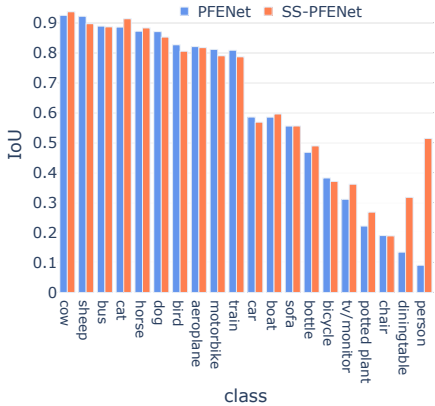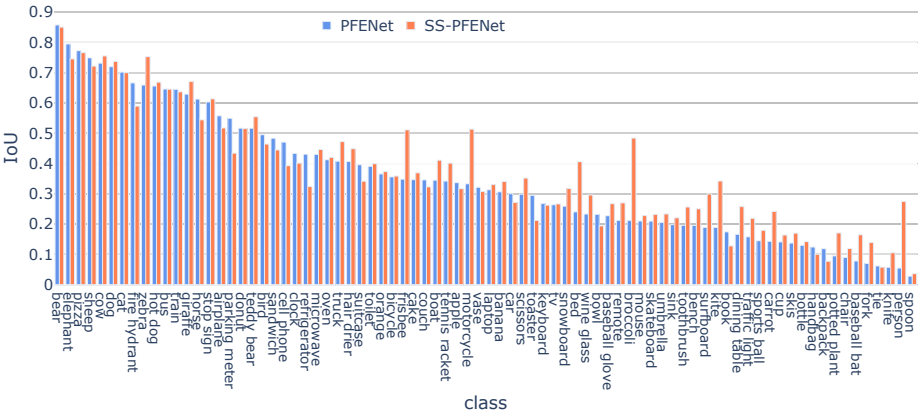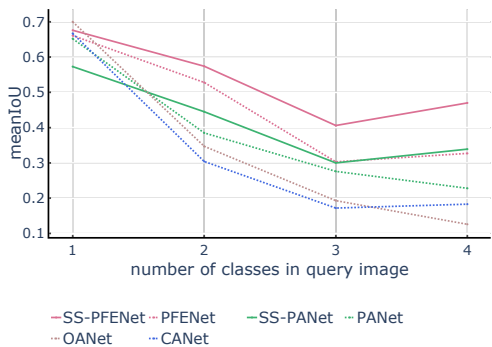
Figure 8: Performance of various few-shot semantic segmentation methods versus the number of semantic classes in the query image. Different colours represent different methods and the prefix "SS-" denotes models with the proposed self-supervision. Existing methods tend to perform similarly well when there is a single class in the query, but their performance tends to decrease when more classes are present.
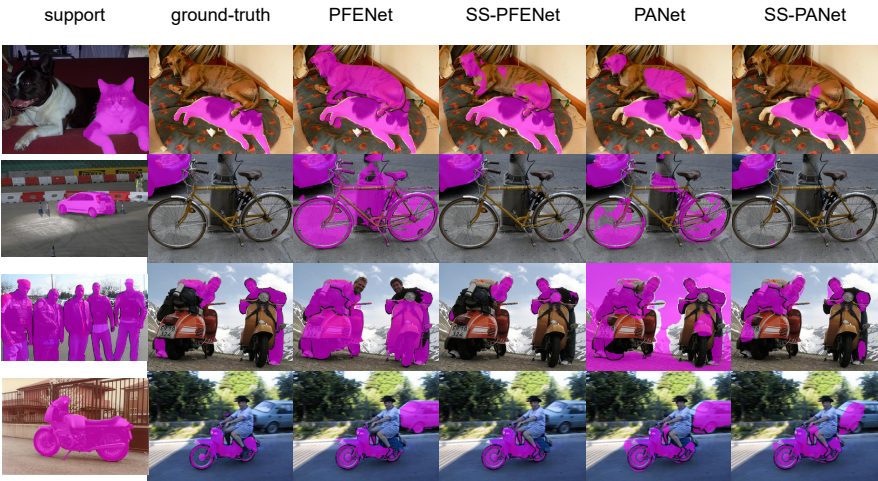

Figure 9: Qualitative results achieved by PFENet and PANet with and w/o the purposed self-supervision.