Supplementary Material: Few-Shot Semantic Segmentation with Democratic Attention Networks

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1 Qualitative Visualizations on COCO-20\textsuperscript{i}

\textbf{Fig. 1.} Visualization of segmentation results on the COCO-20\textsuperscript{i} dataset. Our DAN can produce highly accurate segmentation maps in very challenging cases.

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2 Failure cases.

To gain more insight into the proposed DAN, we show some challenging cases that allude our method on PASCAL-5i in Fig. 2. In the first case (top left), the cars in the query image are much smaller than the other objects, such as the horse, which makes it challenging for them to be captured. In the third case (bottom left), the foreground regions are predicted independently at each location, leading to discontinuous patches, which could be relieved by using post processing operations such as CRF. In the forth case (bottom right), the appearance of the cat is similar to the dog, which causes great confusion.

Fig. 2. Visualization of some failure cases on the Pascal-5i dataset.