## Object-level Correlation for Few-Shot Segmentation Supplementary Material

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## A. Additional results and analyses

Table 6. Ablation studies on the number of the general object prototype.

$N_g$	Fold0	Fold1	Fold2	Fold3	Mean
3	72.8	75.7	70.4	64.7	70.9
5	73.0	75.8	71.0	65.0	71.2
7	73.5	75.9	71.1	64.9	71.4
9	72.6	75.7	70.4	64.4	70.8
11	72.7	75.8	70.4	64.2	70.8

Table 7. Ablation studies on the number of frequency prototype.

$N_s$	Fold0	Fold1	Fold2	Fold3	Mean
3	72.6	75.6	70.5	65.3	71.0
4	72.6	75.8	70.2	64.7	70.8
5	73.5	75.9	71.1	64.9	71.4
6	73.4	75.7	70.8	64.8	71.2
7	72.8	75.7	70.3	64.6	70.9

Number of the General Object Prototype The general object prototype  $P_g$  is introduced to learn the general object information in GOMM during the training stage. We conduct ablation experiments to analyze how many general object prototypes are better for object learning. As reported in Table 6, using more prototypes can gradually improve the performance until the number  $N_g$  achieves 7. Then, the performance improves no longer and even drops (71.4% vs. 70.8%). We ascribe this phenomenon to the redundant learned parameters from the more prototypes. Therefore, we use 7 general object prototypes in our model.

**Number of Support Prototype** The support prototype  $P_s$  is the pivotal component in providing the support information for the correlation construction in CCM. To show the impacts of different prototype numbers, we employ 3-7 prototypes for experiments in Table 7. As shown in the table, our model performs best when  $N_s$  is set to 5. Further increasing  $N_s$  does not significantly improve performance. It suggests that we extract more effective prototypes in this setting. So, we set  $N_s$  to 5 for our model.