

## A APPENDIX

### A.1 RESULTS OF THE DIFFERENT BATCH SIZES

We present the results of the SimCLR+CLD+FD trained with different batch sizes on the EuroSAT dataset (5-way 1-shot) in Figure 10. We can see that the optimal batch size is 32, so we utilize this value in all the experiments of our method.

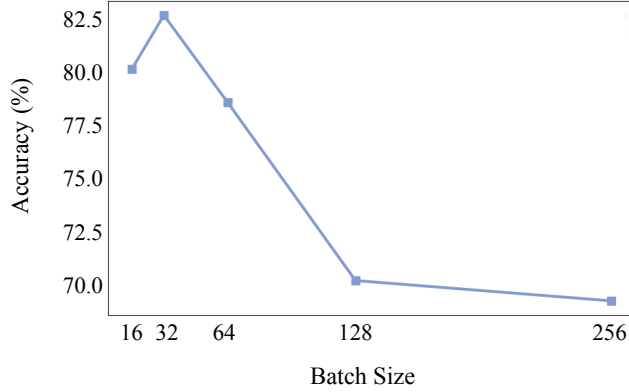


Figure 10: Results of the SimCLR+CLD+FD with the different batch sizes on the EuroSAT dataset (5-way 1-shot).

### A.2 RESULTS OF THE DIFFERENT PERCENTAGES OF UNLABELED IMAGES

Figure 11 shows that as more unlabeled target images become available, the accuracy of the model will gradually converge to a plateau.

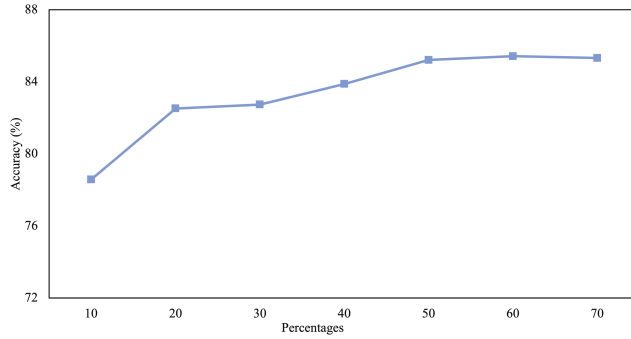


Figure 11: Results of the SimCLR+CLD+FD with the different percentages on the EuroSAT dataset (5-way 1-shot).

### A.3 RESULTS WITH SELF-SUPERVISED PRE-TRAINED TEACHER

Table 6: Results with self-supervised & supervised pre-trained teacher.

	EuroSAT		CropDisease		ISIC		ChestX	
	1-shot	5-shot	1-shot	5-shot	1-shot	5-shot	1-shot	5-shot
SimCLR+CLR+FD (self-supervised)	80.30±0.72	91.63±0.36	89.94±0.72	96.50±0.35	37.42±0.46	49.36±0.64	22.58±0.43	25.96±0.43
SimCLR+CLR+FD (supervised)	82.52±0.76	92.89±0.34	90.48±0.72	96.58±0.39	39.70±0.69	52.29±0.62	22.39±0.44	25.98±0.43

On the EuroSAT dataset (5-way 1-shot), we give the results of the SimCLR+FD+CLD where the teacher is pre-trained in a self-supervised scheme. The performances of the SimCLR+CLD+FD are shown in Table 6.