Table 7: The summary of the DA methods evaluated in this thesis

Method	**Best result, iteration**	**AP50, %**	**Notes**
Faster-RCNN * [12]	20 000	13.63 %	The model was trained on source domain and evaluated on target domain
Cycle-GAN * [70]	N/A	N/A	No metrics were recorded due to poor performance
D-Adapt * [87]	30 000	64.32 %	TODO
Adaptive teacher (AT) [20] without modifications	30 999	71.39 %	test
AT with cosine scheduler	24 999	62.49 %	Cosine scheduler only
AT with extra augmentations	18.999	70.53 %	Cosine scheduler + Augmentations
AT with instance-level adaptation and consistency regularization (= **Custom AT**)	20 999	62.87 %	Cosine scheduler + Augmentations + consistency regularization with $\lambda = 0.7$
Custom AT with original scheduler	14 999	69.57 %	Original scheduler + Augmentations + consistency regularization with $\lambda = 0.7$
Oracle (Faster-RCNN) [12]	20 000	98.19 %	The model was trained on target images and evaluated on the target domain

Note: The methods were evaluated on the target dataset and the best `AP50` scores are compared. For the methods marked with *, only the latest score is recorded, which is achieved at the maximum number of iterations.