

# Supplementary Material for Symbiotic Adversarial Learning for Attribute-based Person Search

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**Fig. 1.** Ranked retrieval results. The query attributes are shown above the retrieved images. The green/red border represents correct/wrong selections respectively. The attributes in **bold** correspond to false matches.

Fig. 1 visualizes the ranked results from *Embed*, *Embed+adv*, *Embed+symb-adv* and *SAL* to qualitatively illustrate the performance of the three models. Although the models are able to pick out some correct images from candidates in the top 10 ranks, *SAL* selected more with higher ranks. Checking the wrong attributes of the false ranks, we can see that *SAL* was better able to discern fine-grained attributes, such as different kinds of bags. Moreover, *SAL* picked correct images of diverse appearances, which may indicate it has some ability to overcome intra-class variation problems.