

Supplementary Material

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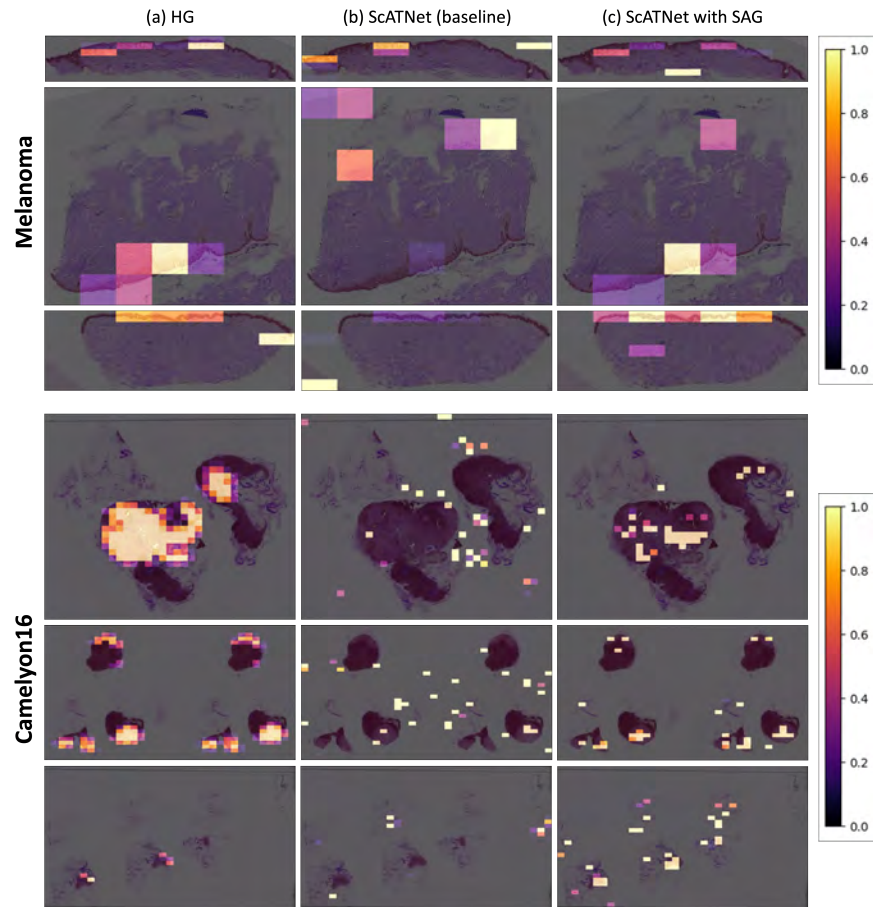


Fig. 1: Comparison of (a) heuristic guidance (**HG**), (b) ScAtNet (baseline)’s attention, and (c) ScAtNet (with **SAG**)’s attention on the melanoma and Camelyon16 dataset. These images are sampled from the test set. The signal and attention weights are normalized for visualization purpose.

* contribute equally to this work.

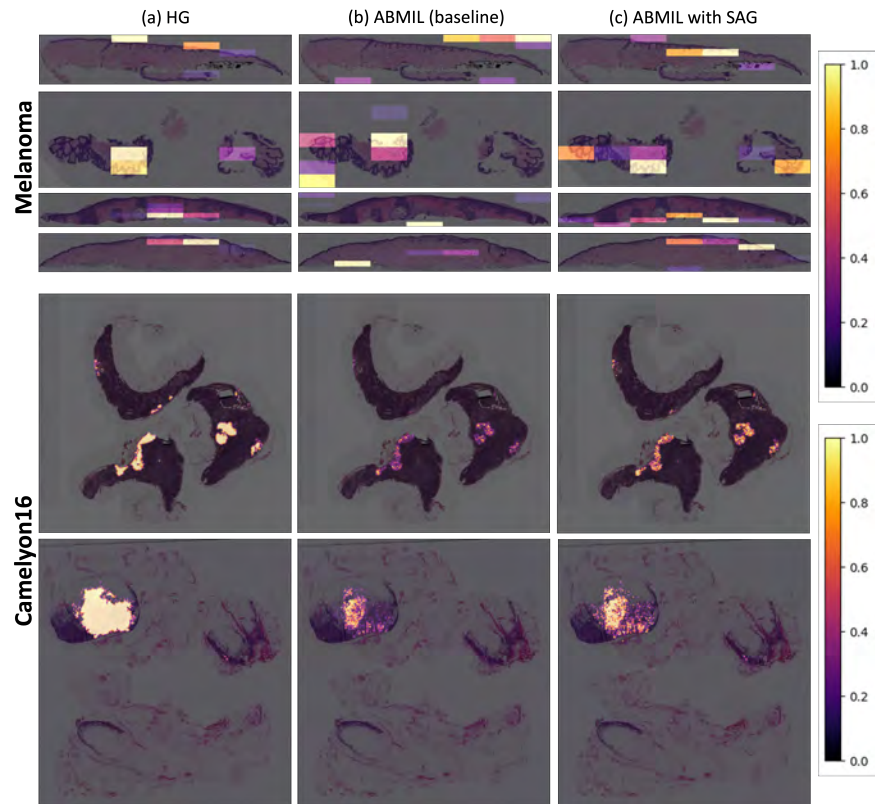


Fig. 2: Comparison of (a) heuristic guidance (**HG**), (b) ABMIL (baseline)’s attention, and (c) ABMIL (with **SAG**)’s attention on the melanoma and the Camelyon16 dataset. These images are sampled from the test set. The signal and attention weights are normalized for visualization purpose.