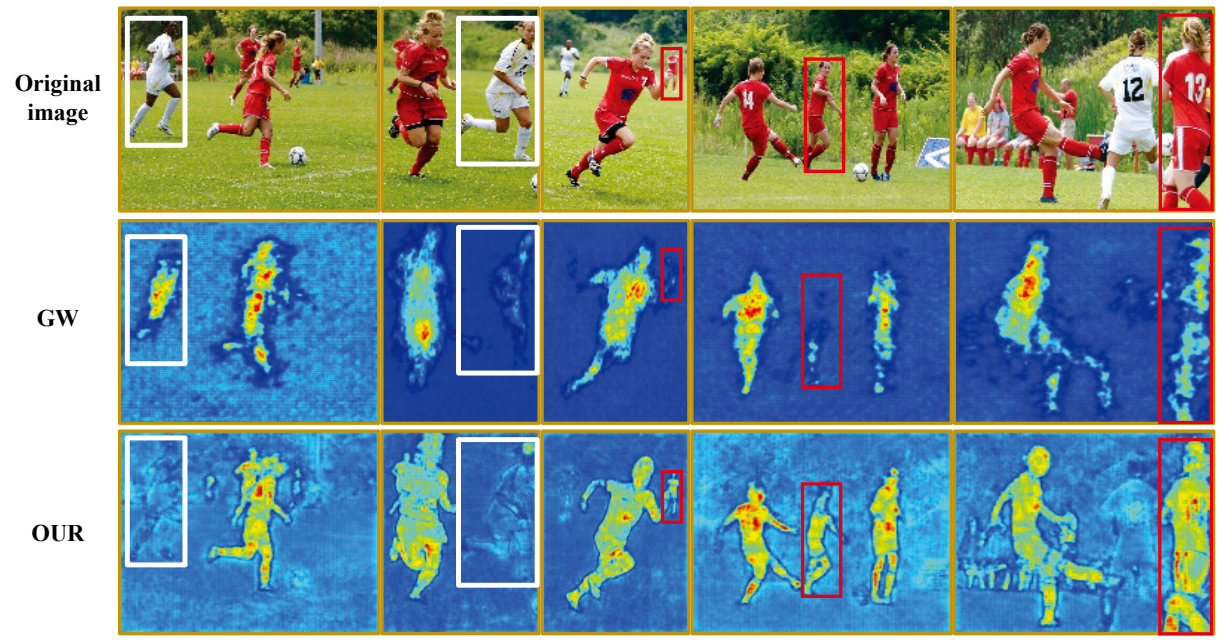
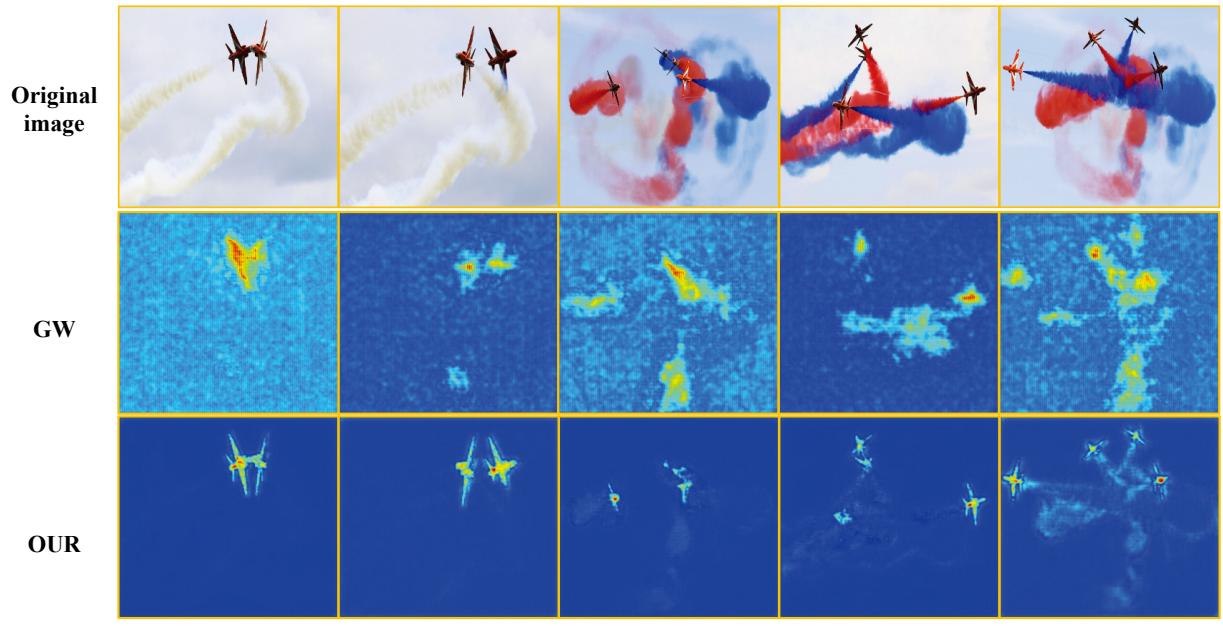
Supplementary Material For Paper4861

To further demonstrate the efficiency of our RCAU in capturing robust group features, we show some examples of the feature maps in GW and our method in Figure 1 below. As can be seen, for the women soccer group, the features generated by our RCAU can better suppress the noise information like the non-common white players labeled by white boxes. And our features are more robust to capture the co-salient objects like the red players labeled by red boxes in various sizes and positions, while the features of GW lost them. In airplanes group, the features of GW contains much more noise information like the color smoke than our features, which will lead to unsatisfying co-saliency results. And the heatmaps of GW are usually too blurry to identify the co-salient objects while our features are more clear for a better characterization of co-salient objects. More co-saliency results can be find in the ***folder sub_result***.



(a)



(b)

Figure 1: Visualization of example feature maps of two groups. (a) Woman Soccer Players, (b) Airshows-planes. In each group, the first row are the original images, the second and third row are the heatmaps of corresponding fused feature maps for GW and OUR method respectively.