

Supplementary Material for
Mixture of Parts Revisited: Expressive Part Interactions for Pose Estimation

Anonymous CVPR submission

Paper ID 7

1. Comparative Pose Estimates

We show pose estimates of Desai and Ramanans Phraselets [1] and our full model (Rotation Normalized Phraselets + Two Trees Pose Estimation) on images from Sports, Gym and Dance categories. The categories are formed as mentioned in section 5.2.1 of the main paper. Accurate estimation of less common poses and correct localization of the symmetric limbs are to be particularly noted.

1.1. Sports Category

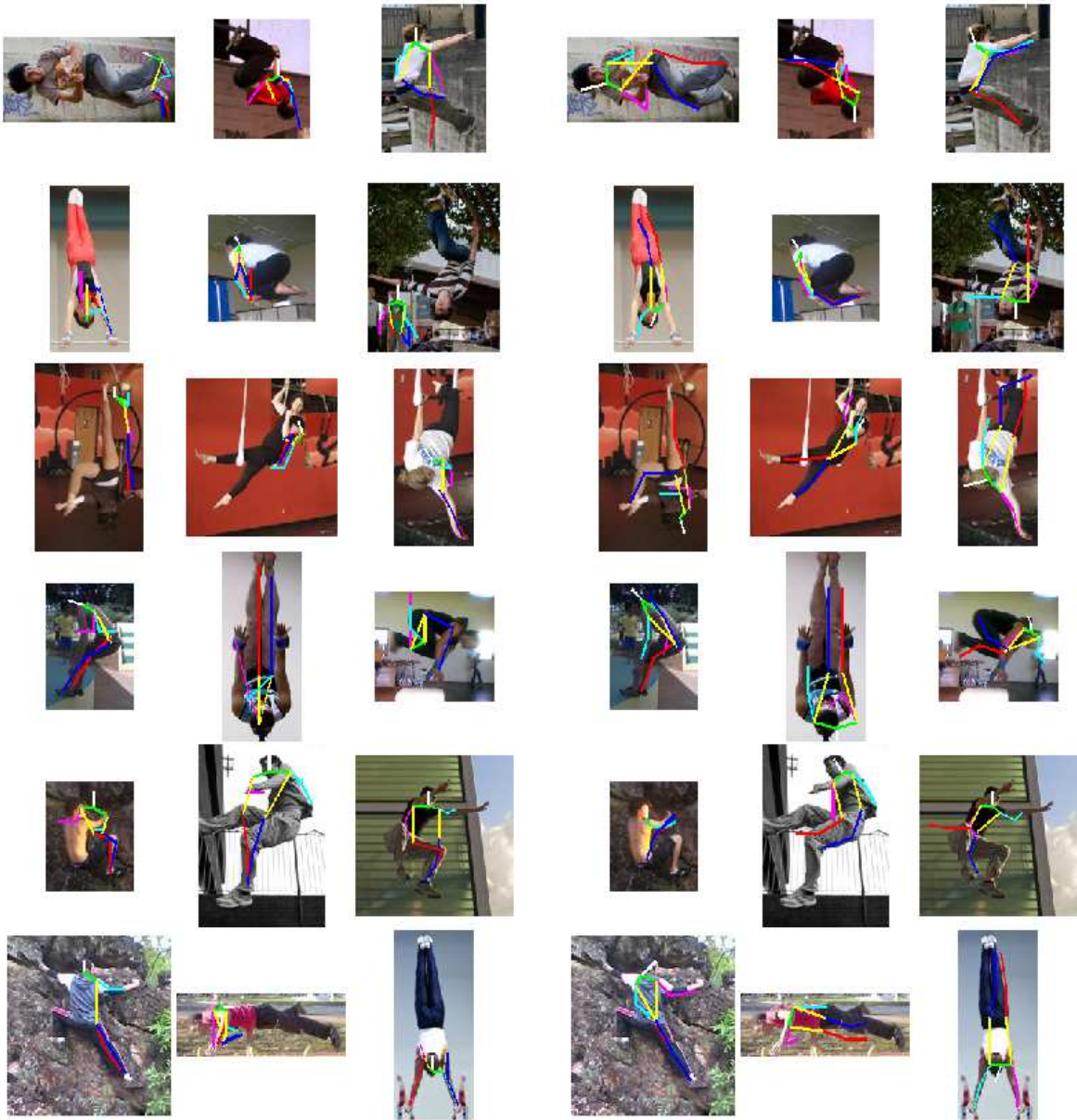


(a) Phraselets [1]

(b) Ours

Figure 1. Pose Estimates on images from Sports category.

1.2. Gym Category

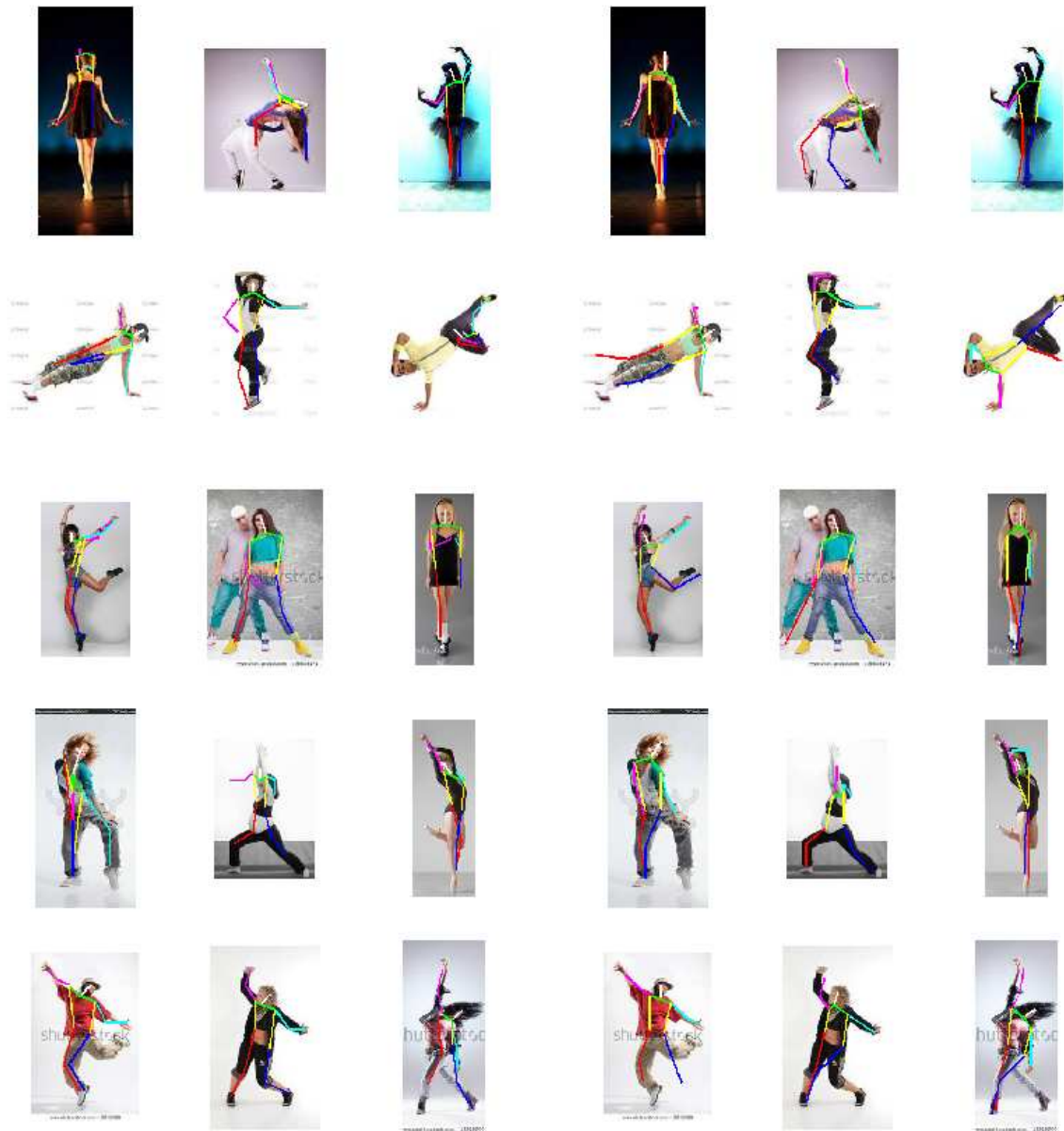


(a) Phraselets [1]

(b) Ours

Figure 2. Pose Estimates on images from Gym category.

1.3. Dance Category



(a) Phraselets [1]

(b) Ours

Figure 3. Pose Estimates on images from Dance category.

References

[1] C. Desai and D. Ramanan. Detecting actions, poses, and objects with relational phraselets. In *Computer Vision–ECCV 2012*, pages 158–172. Springer, 2012. 1, 2, 3