

1 A More Visualizations of Images in The Wild

2 In 1 2, 3, 4, 5, 6, 7, we present more visualizations of images from various domains containing
3 different objects. In these images, our model shows strong abilities in single-view absolute orientation
4 estimation, powerful object horizontal rotational symmetry recognition and two-frame object relative
5 pose rotation estimation, further highlighting the impressive zero-shot capability of Orient Anything
6 V2.

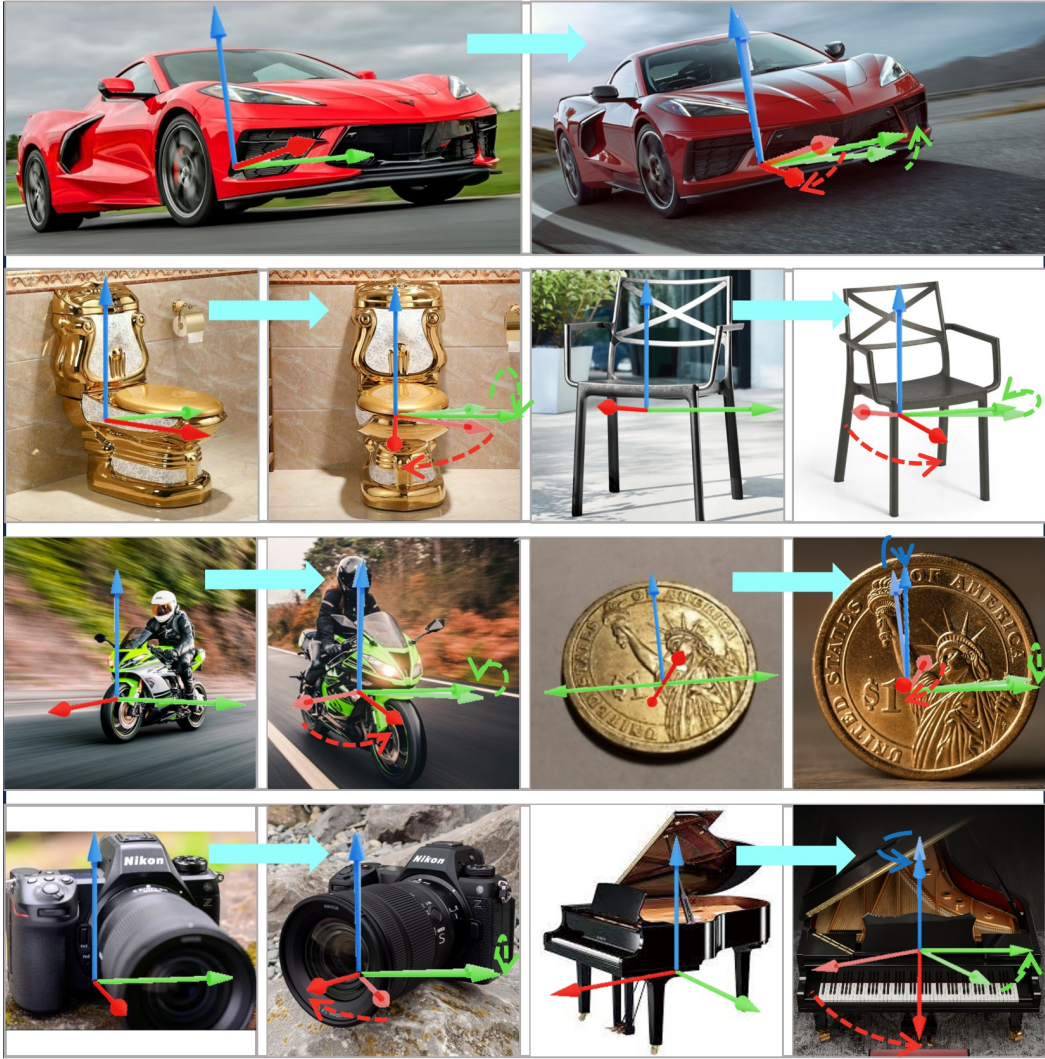


Figure 1: Relative pose rotation estimation for images in the wild.

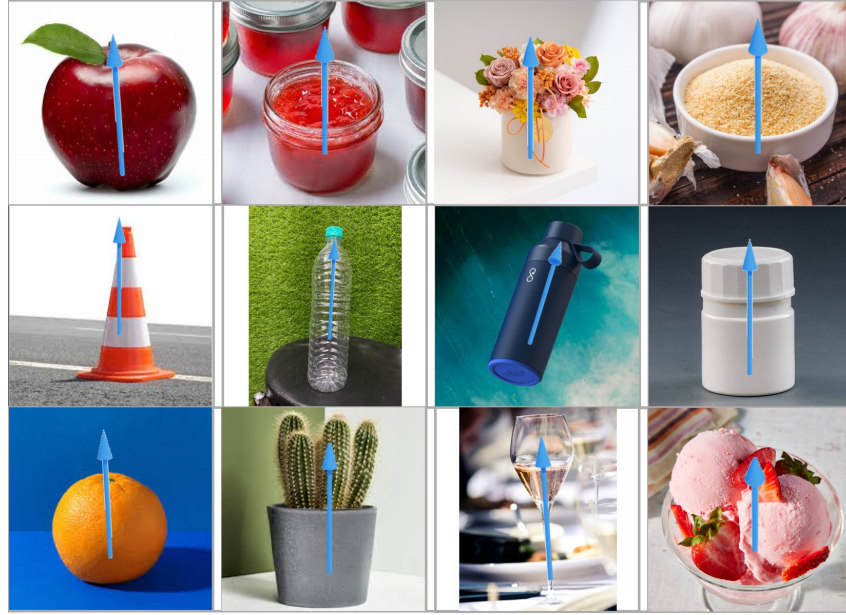


Figure 2: Orientation estimation and Rotational symmetry recognition results on objects has no front direction.



Figure 3: Orientation estimation and Rotational symmetry recognition results on objects has one front direction. Part 1.

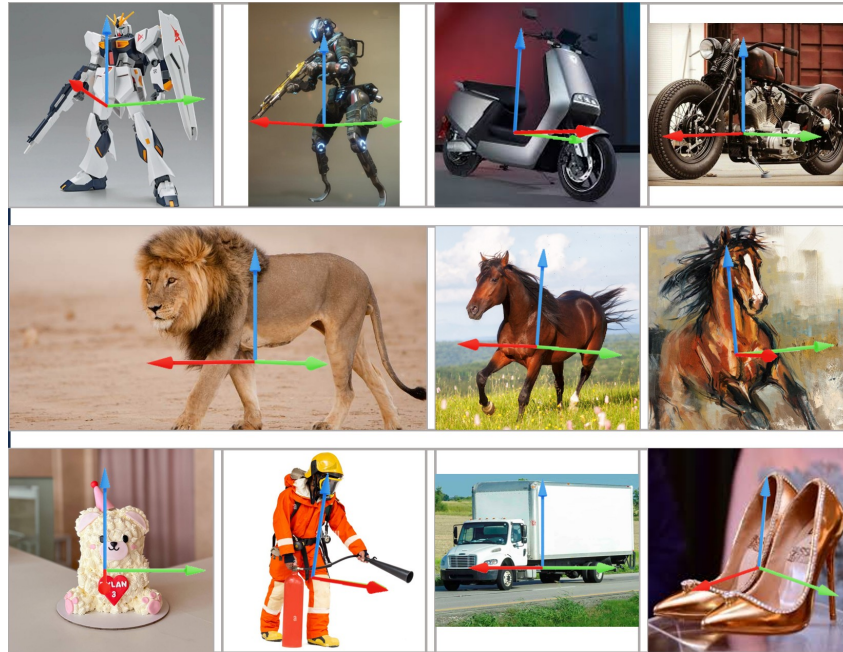


Figure 4: Orientation estimation and Rotational symmetry recognition results on objects has one front direction. Part 2.

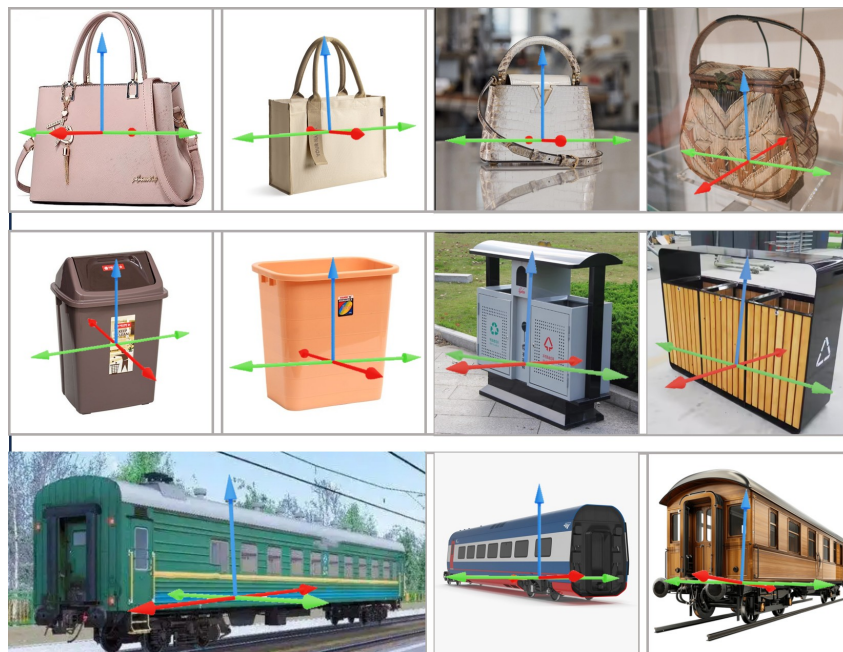


Figure 5: Orientation estimation and Rotational symmetry recognition results on objects has two front direction. Part 1.

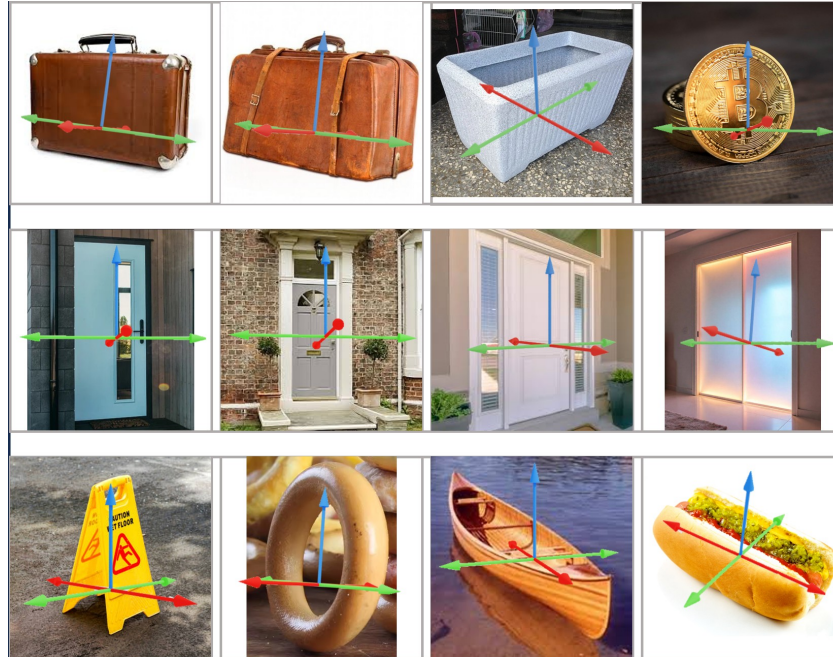


Figure 6: Orientation estimation and Rotational symmetry recognition results on objects has two front direction. Part 2.

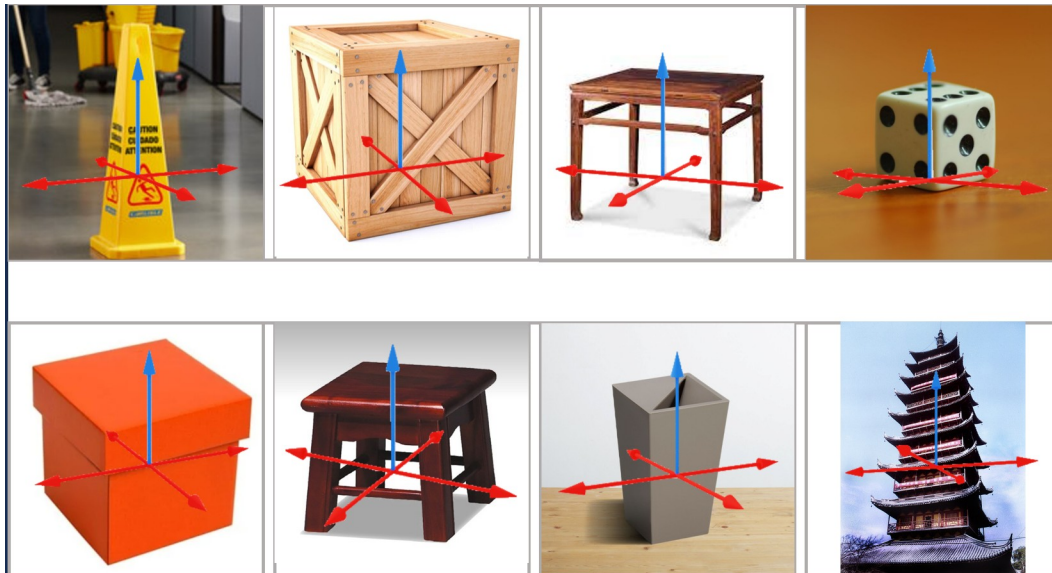


Figure 7: Orientation estimation and Rotational symmetry recognition results on objects has four front direction.