

Figure 6: Qualitative Comparison of Pose Estimation Results

(a) Input RGB Image (Frame 40)



(b) Detected Mask Overlay



(c) Baseline: Top-5 Pose Hypotheses (Rot MAE: 46.80°)

Many 180° flipped poses

(d) Ours: Top-5 Pose Hypotheses (Rot MAE: 6.22°)

Consistent correct orientation