

Figure 6: Qualitative Comparison of Pose Estimation Results

(a) Input RGB Image (Frame 40)



(b) Detected Mask Overlay



Rendered

<sup>Depth</sup>(c) <sup>Observed</sup>Baseline: Top-5 Pose Hypotheses (Rot MAE: 46.80°) <sup>Depth</sup>

Score

Many 180° flipped poses

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

Consistent correct orientation