Pose error for object<sub>93</sub> with varying PCA Threshold 160 -140 - $10^{1}$ 120 -Pose error (in degrees) 100 -80 -60 - $10^{0}$ 40 -20 -0 0.1 0.2 0.3 0.4 0.6 0.7 8.0 0.9 0.5

**PCA Threshold**