Pose error for object<sub>19</sub> with varying PCA Threshold 160 -140 - $10^{1}$ Pose error (in degrees) 120 -100 -80 -60 -10<sup>0</sup> 40 -20 0 0.1 0.2 0.3 0.4 0.6 0.7 8.0 0.9 0.5

**PCA Threshold**