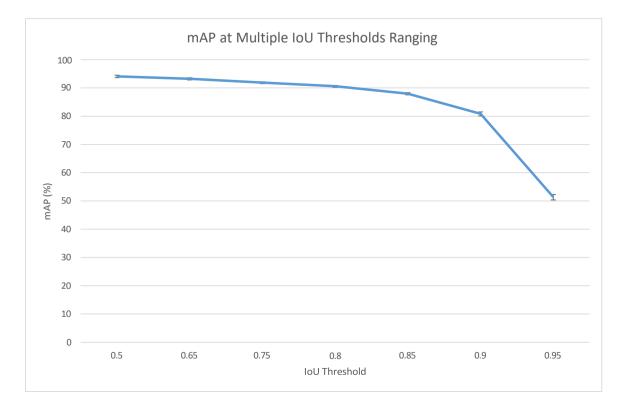# Supplementary Online Content

Kitaguchi D, Lee Y, Hayashi K, et al. Development and validation of a model for laparoscopic colorectal surgical instrument recognition using convolutional neural network–based instance segmentation and videos of laparoscopic procedures. *JAMA Netw Open*. 2022;5(8):e2226265. doi:10.1001/jamanetworkopen.2022.26265

**eFigure.** Mean Average Precision Values at Multiple Thresholds Ranging From 0.5 to 0.95

This supplementary material has been provided by the authors to give readers additional information about their work.

**eFigure.** Mean Average Precision Values at Multiple Thresholds Ranging From 0.5 to 0.95

| IoU | | mAP | SD |
|---|---|---|---|
| | 0.5 | 94.08 | 0.443847 |
| | 0.65 | 93.22 | 0.402492 |
| | 0.75 | 91.86 | 0.336155 |
| | 0.8 | 90.56 | 0.343511 |
| | 0.85 | 87.94 | 0.384708 |
| | 0.9 | 80.8 | 0.707107 |
| | 0.95 | 51.32 | 0.944458 |



mAP at Multiple IoU Thresholds Ranging