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 |