

| Biometric Traits   | Accuracy              |       |       | Precision             |       |       | Recall                |       |       |
|--------------------|-----------------------|-------|-------|-----------------------|-------|-------|-----------------------|-------|-------|
|                    | Overlap IOU Threshold |       |       | Overlap IOU Threshold |       |       | Overlap IOU Threshold |       |       |
|                    | 0.35                  | 0.5   | 0.65  | 0.35                  | 0.5   | 0.65  | 0.35                  | 0.5   | 0.65  |
| Knuckle            | 99.14                 | 93.72 | 78.3  | 98.94                 | 93.48 | 77.97 | 98.77                 | 93.38 | 77.97 |
| Iris               | 96.78                 | 90.24 | 87.42 | 94.84                 | 88.43 | 85.67 | 96.78                 | 90.24 | 87.42 |
| Face               | 98.46                 | 98.34 | 98.27 | 97.46                 | 97.34 | 97.27 | 97.91                 | 97.77 | 97.77 |
| Palm               | 99.66                 | 99.52 | 98.33 | 98.14                 | 98.00 | 96.83 | 97.80                 | 97.66 | 97.66 |
| 4 Slap Fingerprint | 99.74                 | 96.94 | 84.38 | 99.24                 | 96.46 | 83.95 | 98.70                 | 95.93 | 83.95 |
| All Traits         | 99.00                 | 96.62 | 90.53 | 98.51                 | 96.14 | 90.08 | 97.97                 | 95.61 | 89.99 |