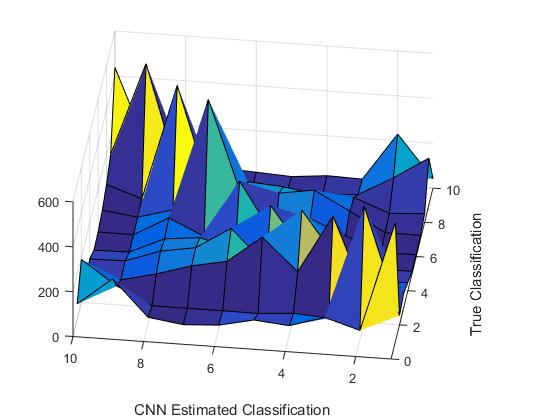
**Top-k Classification Results:**

|  |  |
| --- | --- |
| K | Accuracy |
| 1 | 0.4371 |
| 2 | 0.6591 |
| 3 | 0.7864 |
| 4 | 0.8626 |
| 5 | 0.9135 |
| 6 | 0.9496 |
| 7 | 0.971 |
| 8 | 0.9847 |
| 9 | 0.9942 |
| 10 | 1 |

**Discuss:**

**Confusion Matrix:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CNN Estimated Classification | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| True Classification |  |  |  |  |  |  |  |  |  |  |  |
| 1 |  | 531 | 41 | 65 | 37 | 10 | 8 | 18 | 38 | 210 | 42 |
| 2 |  | 40 | 519 | 9 | 26 | 10 | 7 | 19 | 29 | 111 | 230 |
| 3 |  | 87 | 8 | 386 | 117 | 97 | 70 | 104 | 88 | 25 | 18 |
| 4 |  | 39 | 18 | 127 | 325 | 45 | 136 | 186 | 89 | 13 | 22 |
| 5 |  | 53 | 6 | 270 | 69 | 259 | 38 | 162 | 114 | 22 | 7 |
| 6 |  | 19 | 7 | 151 | 222 | 49 | 281 | 111 | 125 | 20 | 15 |
| 7 |  | 10 | 7 | 120 | 125 | 93 | 23 | 557 | 33 | 9 | 23 |
| 8 |  | 32 | 7 | 73 | 98 | 77 | 94 | 54 | 533 | 13 | 19 |
| 9 |  | 192 | 84 | 35 | 44 | 7 | 8 | 10 | 16 | 542 | 62 |
| 10 |  | 69 | 191 | 23 | 41 | 4 | 9 | 30 | 68 | 127 | 438 |



**Discuss:**