**SVM: Accuracy vs. Latency vs. Support vectors:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Support Vectors** | FPGA Latency (ns) | LUT | DSP |
| 1 | 2.96 | 696 | **14** |
| 2 | 3.1 | 1289 | **28** |
| 3 | 3.27 | 1882 | **42** |
| 4 | 3.31 | 2475 | **56** |

**SVM: Accuracy vs. Latency vs. Support vectors:**

|  |  |
| --- | --- |
| **Support Vectors** | Accuracy |
| 813 | 83.28 |
| 672 | 82.71 |
| 533 | 83.00 |
| 424 | 83.00 |
| 306 | 83.28 |
| 187 | 84.41 |
| 72 | 84.13 |
| 50 | 84.13 |

|  |  |
| --- | --- |
| **Support Vectors** | Accuracy |
| 9 | 70.82 |
| 15 | 81.86 |
| 37 | 82.43 |
| 50 | 84.13 |
| 306 | 83.28 |
| 187 | 84.41 |
| 72 | 84.13 |
| 50 | 84.13 |