|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **No of frames** | **Precision** | **AUC** | **IOU** |
| Ball2 | 48 | 39.02% | 17.52 | 26.98 |
| Bmx | 83 | 14.47% | 4.58 | 35.12 |
| Ball1 | 111 | 94.29% | 41.04 | 76.83 |
| Birds1 | 346 | 93.81% | 34.49 | 50.98 |
| Birds2 | 546 | 80.33% | 30.95 | 61.65 |
| Basketball | 732 | 25.79% | 6.73 | 18.68 |
| Bolt1 | 357 | 99.43% | 35.79 | 36.86 |
| Bolt2 | 300 | 96.93% | 30.25 | 52.76 |
| Book | 182 | 27.43% | 7.22 | 20.60 |
| Tiger | 365 | 46.52% | 27.22 | 33.12 |
| Hand | 267 | 30% | 9.83 | 22.51 |
| Sphere | 160 | 41.88% | 10.33 | 31.28 |
| Running man | 450 | 3.67% | 20.68 | 52.12 |
| Butterfly | 151 | 25.17 | 5.79 | 32.13 |
| Dinosaur | 200 | 68% | 22.71 | 43.08 |

**Siamese Network:**

**Kalman filter:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **No of frames** | **Precision** | **AUC** | **IOU** |
| Tiger | 365 | 13.8364% | 4.23 | 15.29 |
| Hand | 267 | 14.66% | 4.93 | 9.97 |
| Sphere | 160 | 3.77% | 2.66 | 23.07 |
| Running man | 450 | 2.66% | 3.285 | 3.1 |
| Butterfly | 151 | 19.33% | 6.02 | 30.73 |
| Dinosaur | 200 | 1.5% | 3.35 | 11.39 |

The camera for “running man” was slightly shaky. Hence bad results In Kalman filter