# Toy Data Set

## Parameters for Toys

|  |  |  |  |
| --- | --- | --- | --- |
| S | L | M | P |
| 6 | 10 | 5 | 0.1 |

## Data Table for Toys

|  |  |  |  |
| --- | --- | --- | --- |
| **Threshold** | **Accuracy** | **Detection Rate** | **False Alarm Rate** |
| ﻿0 | 50 | 100 | 100 |
| 1 | 91.66666667 | 100 | 16.66666667 |
| 3 | 100 | 100 | 0 |
| 6 | 83.33333333 | 66.66666667 | 0 |
| 9 | 66.66666667 | 33.33333333 | 0 |
| 25 | 50 | 0 | 0 |

## Area Under Curve for Toys

|  |  |
| --- | --- |
| **False Alarm Rate** | **AUC** |
| 1% | .01 |
| 10% | .1 |
| 100% | 1 |

# IDs Data Set

## Parameters for IDs

|  |  |  |  |
| --- | --- | --- | --- |
| S | L | M | P |
| 100 | 1000 | 5 | 0.1 |

## Data Table for IDs

|  |  |  |  |
| --- | --- | --- | --- |
| **Threshold** | **Accuracy** | **Detection Rate** | **False Alarm Rate** |
| ﻿0 | 10 | 100 | 100 |
| 1 | 100 | 100 | 0 |
| 354 | 99 | 90 | 0 |
| 362 | 98 | 80 | 0 |
| 419 | 97 | 70 | 0 |
| 479 | 96 | 60 | 0 |
| 755 | 95 | 50 | 0 |
| 778 | 94 | 40 | 0 |
| 1284 | 93 | 30 | 0 |
| 1521 | 92 | 20 | 0 |
| 1796 | 91 | 10 | 0 |
| 2030 | 90 | 0 | 0 |

## Area Under Curve for IDs

|  |  |
| --- | --- |
| **False Alarm Rate** | **AUC** |
| 1% | .01 |
| 10% | .1 |
| 100% | 1 |

# Iris Data Set

## Parameters for Iris

|  |  |  |  |
| --- | --- | --- | --- |
| S | L | M | P |
| 30 | 50 | 5 | 0.1 |

## Data Table for Iris

|  |  |  |  |
| --- | --- | --- | --- |
| **Threshold** | **Accuracy** | **Detection Rate** | **False Alarm Rate** |
| ﻿0 | 66.66666667 | 100 | 100 |
| 1 | 50 | 50 | 50 |
| 5 | 66.66666667 | 50 | 0 |
| 6 | 50 | 25 | 0 |
| 16 | 33.33333333 | 0 | 0 |

## Area Under Curve for Iris

|  |  |
| --- | --- |
| **False Alarm Rate** | **AUC** |
| 1% | .005 |
| 10% | .05 |
| 100% | .625 |

# Sensitivity Analysis

# Robustness to Attack Data