**סיכום תוצאות:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Alpha Investing(alpha=0.05, dw=0.05)** | | | | | | |
| **DS** | | **Window** | **OL Algorithm** | | | | |
|  | |  | **K-Nearest Neighbors(k=3)** | **K-Nearest Neighbors(k=5)** | **Naive Bayes** | **Neural Network** | **Random Forest** |
| Chlorine Concentration | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Electric Devices | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ethanol Level | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ford A | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Non Invasive Fetal ECG Thorax1 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Semg Hand Subject Ch2 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Two Patterns | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Wafer | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |

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|  | **Fast OSFS(alpha=0.05)** | | | | | | |
| **DS** | | **Window** | **OL Algorithm** | | | | |
|  | |  | **K-Nearest Neighbors(k=3)** | **K-Nearest Neighbors(k=5)** | **Naive Bayes** | **Neural Network** | **Random Forest** |
| Chlorine Concentration | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Electric Devices | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ethanol Level | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ford A | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Non Invasive Fetal ECG Thorax1 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Semg Hand Subject Ch2 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Two Patterns | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Wafer | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |

**Legends:**

Changed window size to 100-350 (depends on concept drift).

|  |  |  |  |  |  |  |  |
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|  | **OSFS(alpha=0.05)** | | | | | | |
| **DS** | | **Window** | **OL Algorithm** | | | | |
|  | |  | **K-Nearest Neighbors(k=3)** | **K-Nearest Neighbors(k=5)** | **Naive Bayes** | **Neural Network** | **Random Forest** |
| Chlorine Concentration | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Electric Devices | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ethanol Level | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ford A | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Non Invasive Fetal ECG Thorax1 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Semg Hand Subject Ch2 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Two Patterns | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Wafer | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |

**Legends:**

Changed window size to 100-350 (depends on concept drift).

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|  | **SAOLA(alpha=0.05)** | | | | | | |
| **DS** | | **Window** | **OL Algorithm** | | | | |
|  | |  | **K-Nearest Neighbors(k=3)** | **K-Nearest Neighbors(k=5)** | **Naive Bayes** | **Neural Network** | **Random Forest** |
| Chlorine Concentration | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Electric Devices | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ethanol Level | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Ford A | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Non Invasive Fetal ECG Thorax1 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Semg Hand Subject Ch2 | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Two Patterns | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| Wafer | | 300 |  |  |  |  |  |
| 500 |  |  |  |  |  |

**Legends:**

Changed window size to 100-350 (depends on concept drift).