In the name of GOD the companionate the merciful

**ALAD + dxxzz**

Arrhythmia

|  |  |  |  |
| --- | --- | --- | --- |
|  | Precision | Recall | F1 score |
| L1 |  |  |  |
| L2 |  |  |  |
| Logits (Dxx) |  |  |  |
| Features\_xx |  |  |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |  |  |
| Features\_xxzz |  |  |  |
| Alpha\_beta |  |  |  |

KDD99

|  |  |  |  |
| --- | --- | --- | --- |
|  | Precision | Recall | F1 score |
| L1 |  |  |  |
| L2 |  |  |  |
| Logits (Dxx) |  |  |  |
| Features\_xx |  |  |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |  |  |
| Features\_xxzz |  |  |  |
| Alpha\_beta |  |  |  |

SVHN

|  |  |
| --- | --- |
|  | AUROC |
| L1 |  |
| L2 |  |
| Logits (Dxx) |  |
| Features\_xx |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |
| Features\_xxzz |  |
| Alpha\_beta |  |

Cifar10

|  |  |
| --- | --- |
|  | AUROC |
| L1 |  |
| L2 |  |
| Logits (Dxx) |  |
| Features\_xx |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |
| Features\_xxzz |  |
| Alpha\_beta |  |

**Simple ALAD**

Arrhythmia

|  |  |  |  |
| --- | --- | --- | --- |
|  | Precision | Recall | F1 score |
| L1 |  |  |  |
| L2 |  |  |  |
| Logits (Dxx) |  |  |  |
| Features\_xx |  |  |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |  |  |
| Features\_xxzz |  |  |  |
| Alpha\_beta |  |  |  |

KDD99

|  |  |  |  |
| --- | --- | --- | --- |
|  | Precision | Recall | F1 score |
| L1 |  |  |  |
| L2 |  |  |  |
| Logits (Dxx) |  |  |  |
| Features\_xx |  |  |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |  |  |
| Features\_xxzz |  |  |  |
| Alpha\_beta |  |  |  |

SVHN

|  |  |
| --- | --- |
|  | AUROC |
| L1 |  |
| L2 |  |
| Logits (Dxx) |  |
| Features\_xx |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |
| Features\_xxzz |  |
| Alpha\_beta |  |

Cifar10

|  |  |
| --- | --- |
|  | AUROC |
| L1 |  |
| L2 |  |
| Logits (Dxx) |  |
| Features\_xx |  |
| All\_Logits (Dxx + Dzz + Dxxzz) |  |
| Features\_xxzz |  |
| Alpha\_beta |  |