# ClearML Analysis Report

## Metrics Summary

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| --- | --- | --- | --- | --- | --- |
| Task Name | Precision | Recall | Specificity | Sensitivity | Classes Distribution |
| Run-20241115-135615 | 0.919 | 0.850 | 0.850 | 0.625 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-57583ace | 0.872 | 0.850 | 0.850 | 0.375 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-cb5ff308 | 0.865 | 0.800 | 0.800 | 0.375 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-23a8d16a | 0.886 | 0.775 | 0.775 | 0.500 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-ca8c66a7 | 0.941 | 0.800 | 0.800 | 0.750 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-20fb01d2 | 0.939 | 0.775 | 0.775 | 0.750 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-9255d68e | 0.923 | 0.600 | 0.600 | 0.750 | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} |
| Run-006d95fc | 0.943 | 0.825 | 0.825 | 0.750 | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} |
| Run-3347a14f | 0.833 | 1.000 | 1.000 | 0.000 | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} |
| Run-16b9c735 | 0.939 | 0.775 | 0.775 | 0.750 | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} |
| Run-29bc190c | 0.917 | 0.825 | 0.825 | 0.625 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-ca8b8201 | 0.939 | 0.775 | 0.775 | 0.750 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |
| Run-756028e1 | 0.939 | 0.775 | 0.775 | 0.750 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} |

## Run Configs

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| --- | --- | --- | --- | --- | --- | --- |
| Task Name | Classes Distribution | Loss function | Loss parameters | Optimizer parameters | Optimizer type | dropout\_rate |
| Run-20241115-135615 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | FocalLoss | {'alpha': 2.0, 'gamma': 3.0, 'pos\_weight': [1, 2]} | {'lr': 0.001, 'weight\_decay': 1e-05} | Adam | 0.3 |
| Run-57583ace | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | BCEWithLogitsLoss | {'alpha': 2.0, 'gamma': 3.0, 'pos\_weight': [1, 2]} | {'lr': 0.001, 'weight\_decay': 1e-05} | Adam | 0.3 |
| Run-cb5ff308 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | BCEWithLogitsLoss | {'alpha': 2.0, 'gamma': 3.0, 'pos\_weight': [2, 1]} | {'lr': 0.001, 'weight\_decay': 1e-05} | Adam | 0.3 |
| Run-23a8d16a | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | BCEWithLogitsLoss | {'alpha': 2.0, 'gamma': 3.0, 'pos\_weight': [6, 1]} | {'lr': 0.001, 'weight\_decay': 0.0001} | Adam | 0.5 |
| Run-ca8c66a7 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | BCEWithLogitsLoss | {'alpha': 2.0, 'gamma': 3.0, 'pos\_weight': [1, 6]} | {'lr': 0.001, 'weight\_decay': 0.0001} | Adam | 0.5 |
| Run-20fb01d2 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | FocalLoss | {'alpha': 3.0, 'gamma': 4.0, 'pos\_weight': [1, 6]} | {'lr': 0.001, 'weight\_decay': 0.0001} | Adam | 0.5 |
| Run-9255d68e | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} | FocalLoss | {'alpha': 2.0, 'gamma': 3.0, 'pos\_weight': [1, 6]} | {'lr': 0.001, 'weight\_decay': 0.0001} | Adam | 0.5 |
| Run-006d95fc | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} | BCEWithLogitsLoss | {'alpha': 2.0, 'gamma': 3.0, 'pos\_weight': [1, 6]} | {'lr': 0.001, 'weight\_decay': 0.0001} | Adam | 0.5 |
| Run-3347a14f | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} | FocalLoss | {'alpha': 1.0, 'gamma': 0.5, 'pos\_weight': [1, 6]} | {'lr': 0.001, 'weight\_decay': 0.0001} | Adam | 0.5 |
| Run-16b9c735 | {'test': {0: 40, 1: 8}, 'train': {0: 132, 1: 132}} | FocalLoss | {'alpha': 1.0, 'gamma': 1, 'pos\_weight': [1, 6]} | {'lr': 0.001, 'weight\_decay': 0.0001} | Adam | 0.5 |
| Run-29bc190c | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | FocalLoss | {'alpha': 1.0, 'gamma': 1, 'pos\_weight': [1, 3]} | {'lr': 0.001, 'weight\_decay': 1e-05} | Adam | 0.1 |
| Run-ca8b8201 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | FocalLoss | {'alpha': 1.0, 'gamma': 1, 'pos\_weight': [1, 4]} | {'lr': 0.001, 'weight\_decay': 1e-05} | Adam | 0.1 |
| Run-756028e1 | {'test': {0: 40, 1: 8}, 'train': {0: 248, 1: 132}} | FocalLoss | {'alpha': 1.0, 'gamma': 1, 'pos\_weight': [1, 4]} | {'lr': 0.001, 'weight\_decay': 1e-05} | Adam | 0.1 |