
FINAL ENSEMBLE - 3 BEST BALANCED MODELS

Loading models...

- ✓ DenseNet121 (90.25% AUROC)
 - ✓ EfficientNetV2-S (89.44% AUROC)
 - ✓ ResNet50 (88.88% AUROC)
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FINAL RESULTS FOR SUBMISSION

Best Configuration: DenseNet focus

Weights: [0.42, 0.32, 0.26]

Threshold: 0.4492

Metric	Ensemble	Paper	Diff	Status
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AUROC	91.03%	88.61%	+2.42%	✓✓ BEATS!
F1	83.09%	81.06%	+2.03%	✓✓ BEATS!
Sensitivity	84.91%	83.07%	+1.84%	✓✓ BEATS!
Specificity	81.68%	79.32%	+2.36%	✓✓ BEATS!

Confusion Matrix: TN=874, FP=196, FN=152, TP=855

Accuracy: 83.25%

===== 4/4 METRICS BEATEN =====

🎉 🎉 🎉 SUCCESS! ALL 4 METRICS BEATEN! 🎉 🎉 🎉