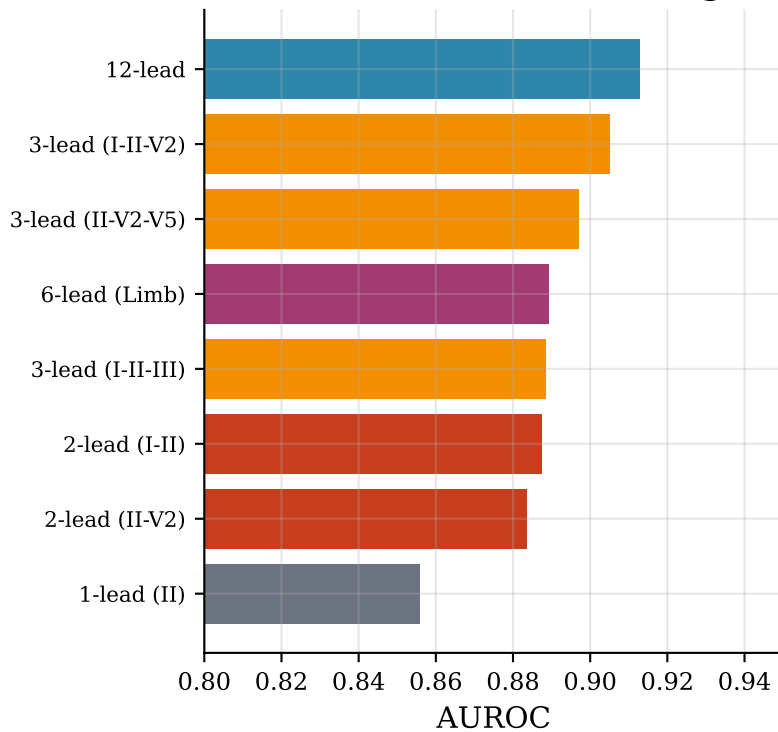
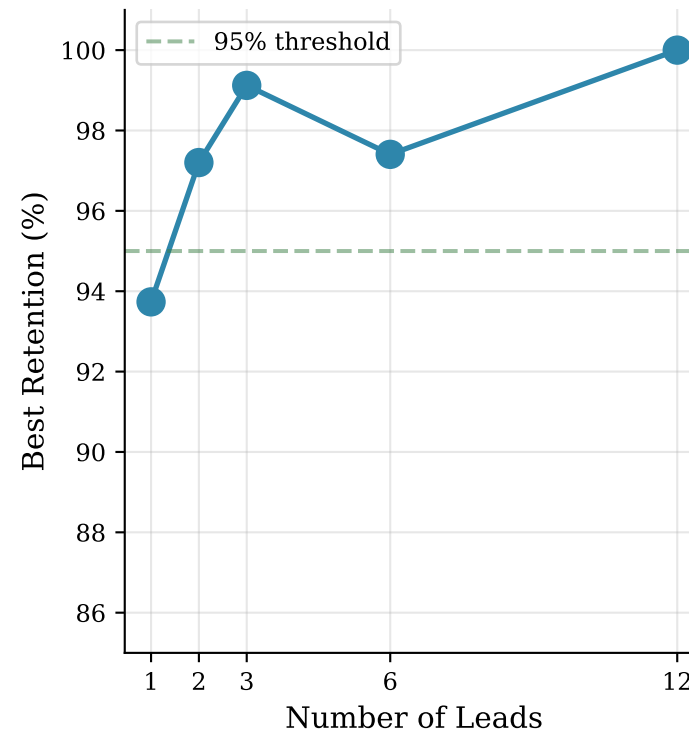


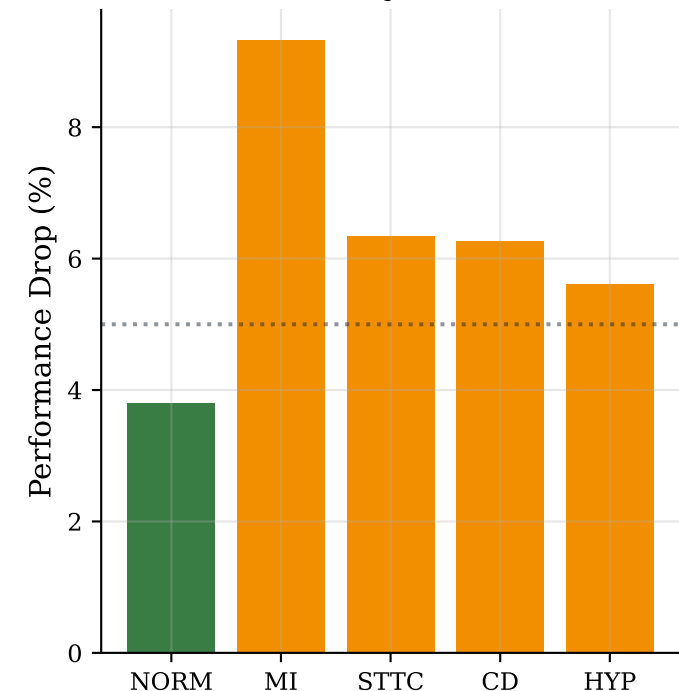
(A) Performance Ranking



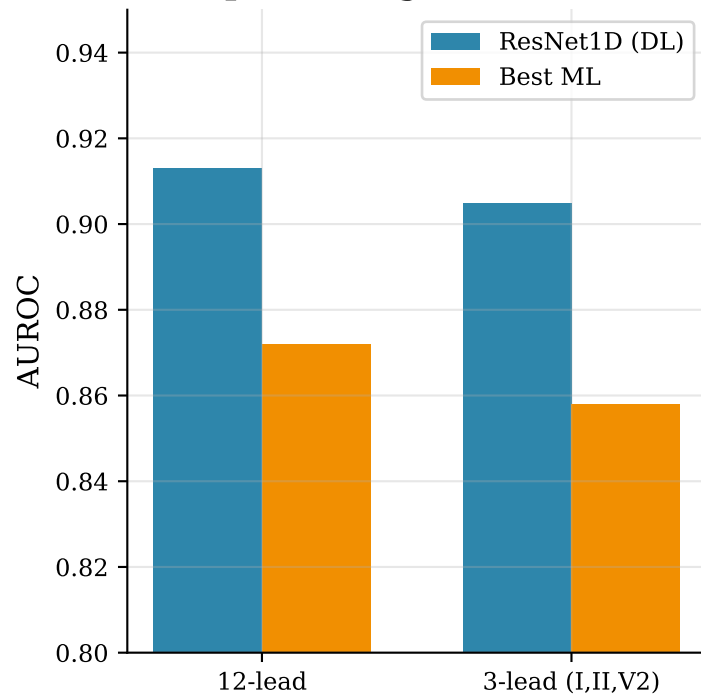
(B) Lead Reduction Curve



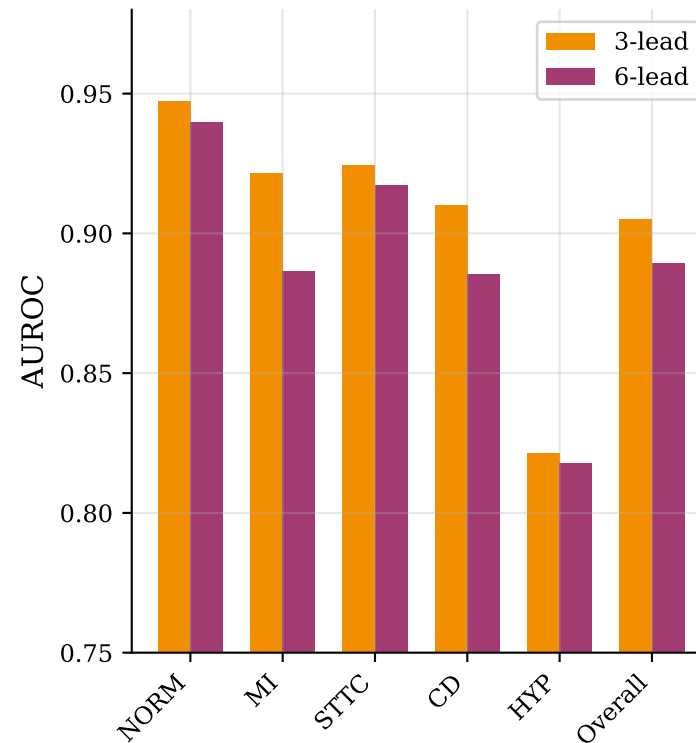
(C) Class Sensitivity to Lead Reduction



(D) Deep Learning vs Traditional ML



(E) 3-Lead Beats 6-Lead



Key Findings

- 3-lead (I,II,V2) achieves 99.1%** of 12-lead performance
- 3-lead OUTPERFORMS 6-lead** (+1.6% absolute AUROC)
- Single lead (II) retains 93.7%**
- V2 boosts MI detection by 5.2%**
- HYP most sensitive to reduction**
- DL outperforms ML by 4.1%**