

ILD with Rejection Threshold = 5, $\tau \geq 5$

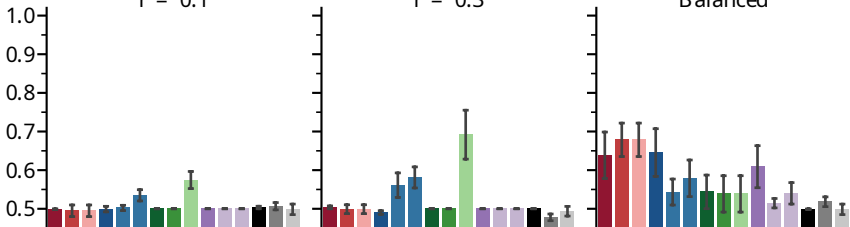
Time Delay ≤ 25 μ -seconds

Class Imbalance
 $r = 0.1$

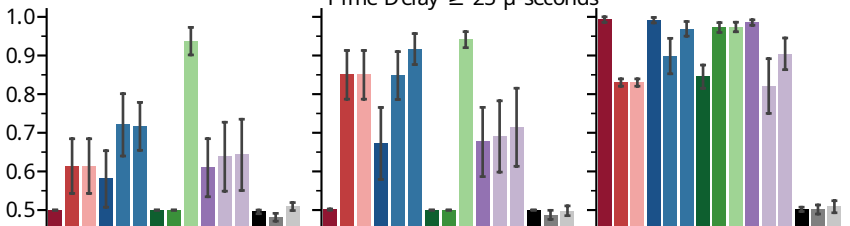
Class Imbalance
 $r = 0.3$

Balanced

Detection Accuracy



Time Delay ≥ 25 μ -seconds



Detection Technique

- | | | |
|------------------------|----------------------|----------------------|
| AutoGluon Mid-Point | AutoGluon FET-Median | TabPFN FET-Mean |
| AutoGluon Log-Loss | TabPFN Mid-Point | TabPFN FET-Median |
| AutoGluon Cal Log-Loss | TabPFN Log-Loss | GMM Baseline |
| AutoGluon PTT-Majority | TabPFN Cal Log-Loss | MINE Baseline |
| AutoGluon FET-Mean | TabPFN PTT-Majority | PC-Soft max Baseline |