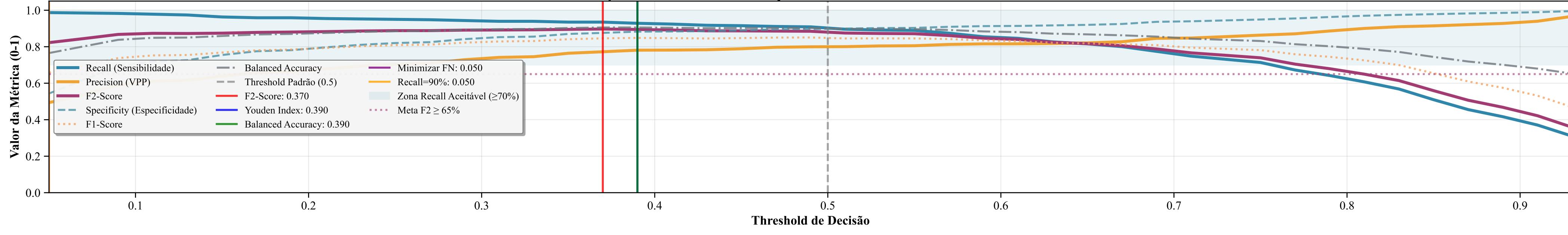
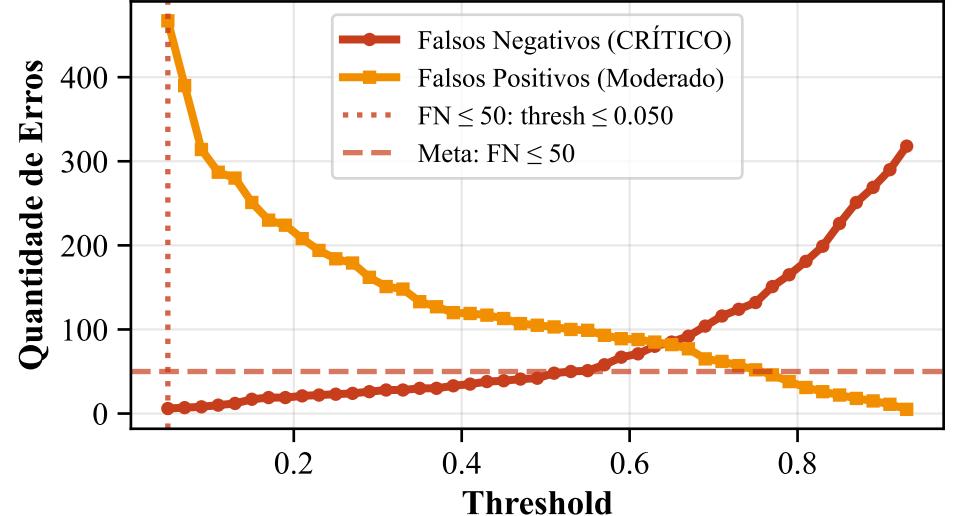


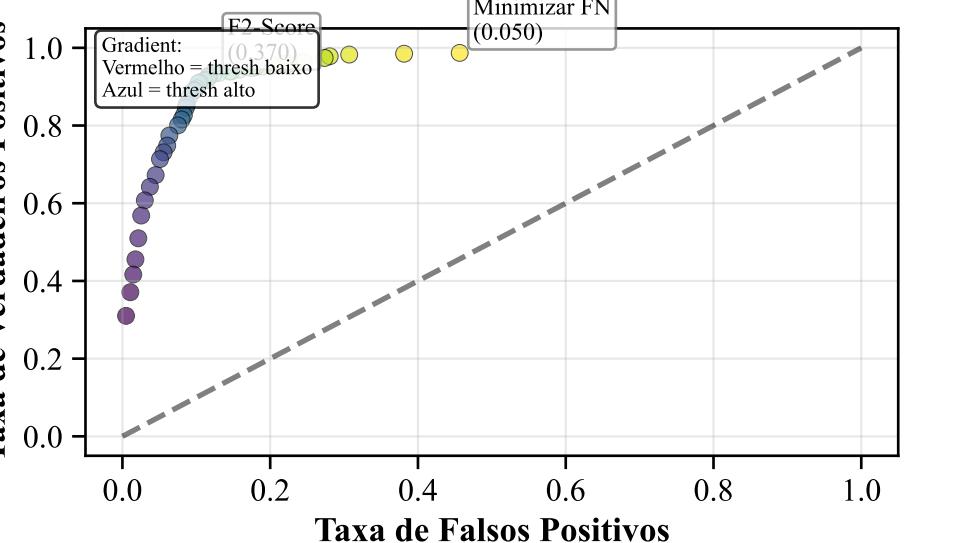
Otimização de Threshold - Análise Multimétrica Profissional
 Análise Profissional da Impacto do Ótimo Clínico na Optimização das Métricas
 Avaliação Multidimensional para Decisão Clínica Informada



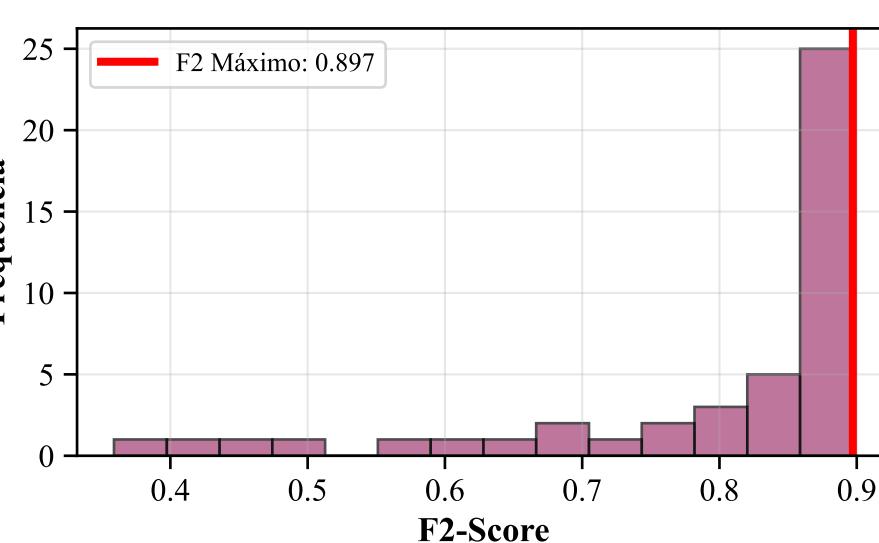
Erros vs Threshold
 Trade-off Crítico



ROC Space
 FPR vs TPR por Threshold



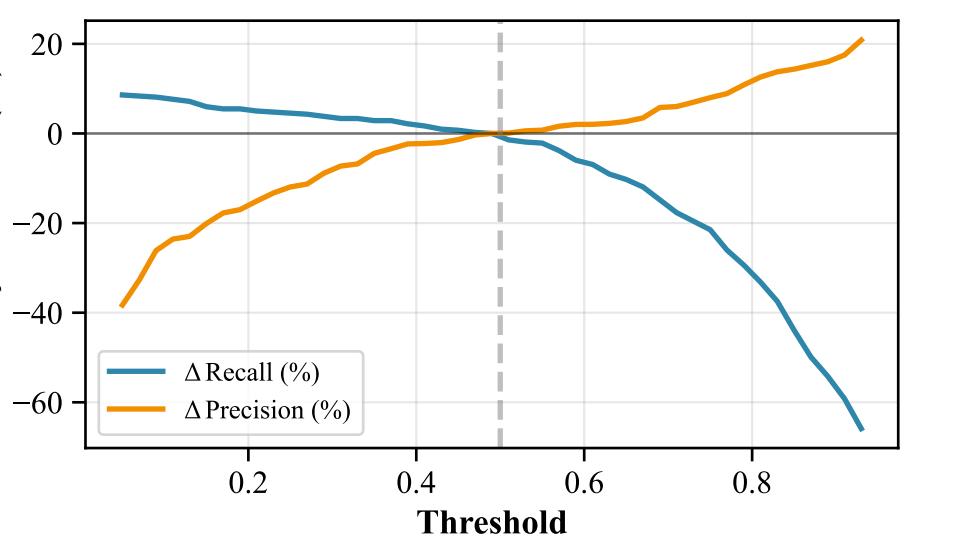
Distribuição F2-Score por Threshold



Thresholds Recomendados por Critério
 Tabela de Referência Clínica

Critério	Threshold	Recall	Precision	F2	FN	FP
F2-Score	0.370	0.935	0.772	0.897	30	127
Youden Inde	0.390	0.928	0.781	0.895	33	120
Balanced Accu	0.390	0.928	0.781	0.895	33	120
Minimizar F	0.050	0.987	0.493	0.822	6	467
Recall=90%	0.050	0.987	0.493	0.822	6	467

Análise de Sensibilidade
 Mudança Relativa vs Threshold=0.5



Impacto Clínico
 Minimização Ponderada

