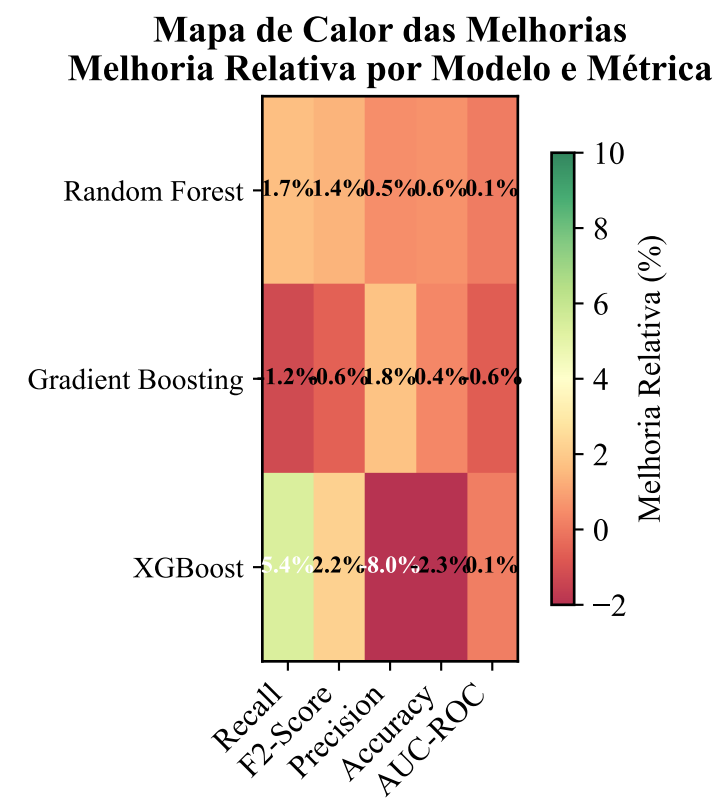
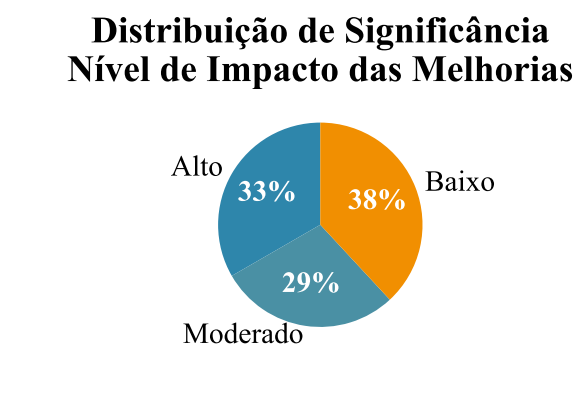
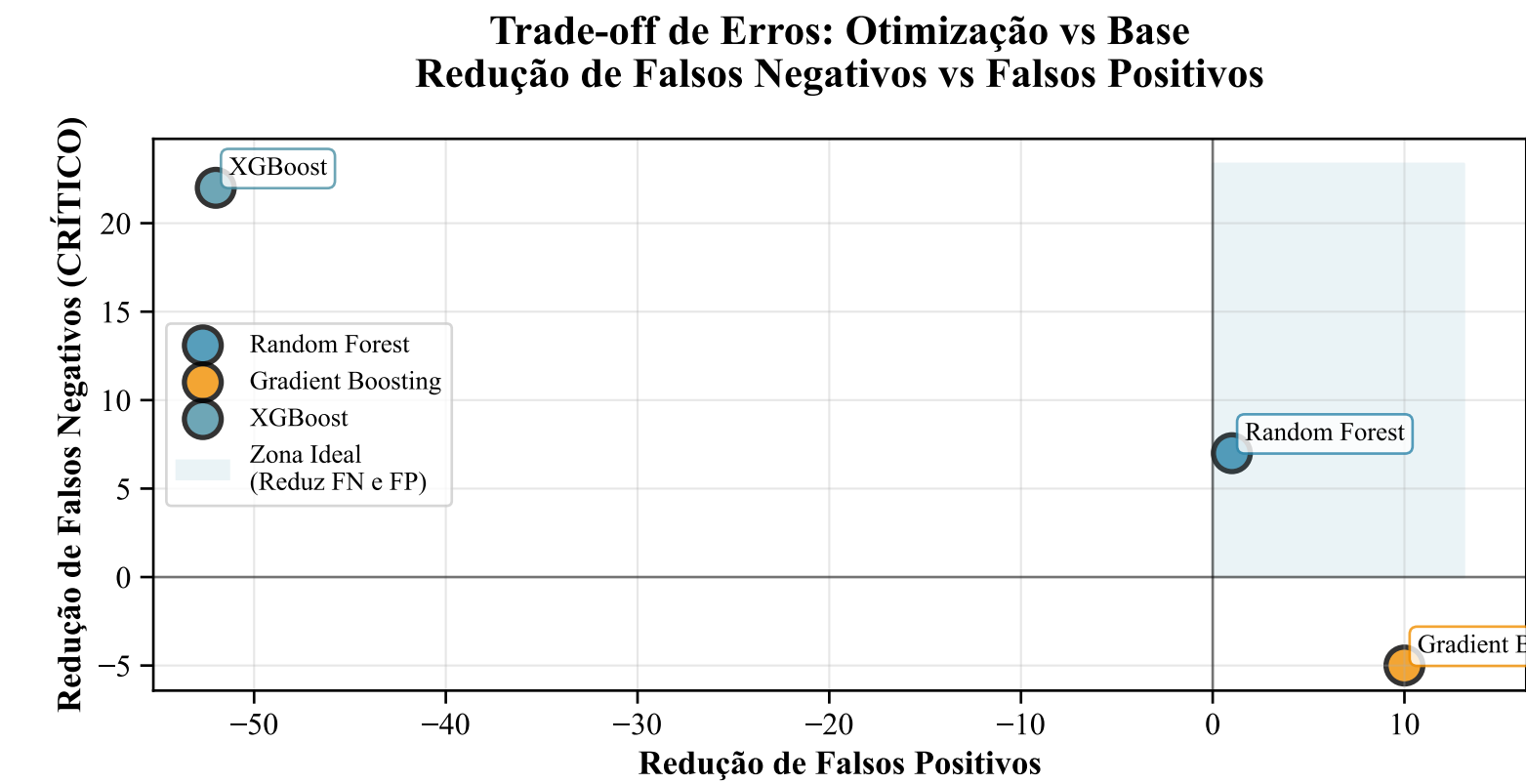
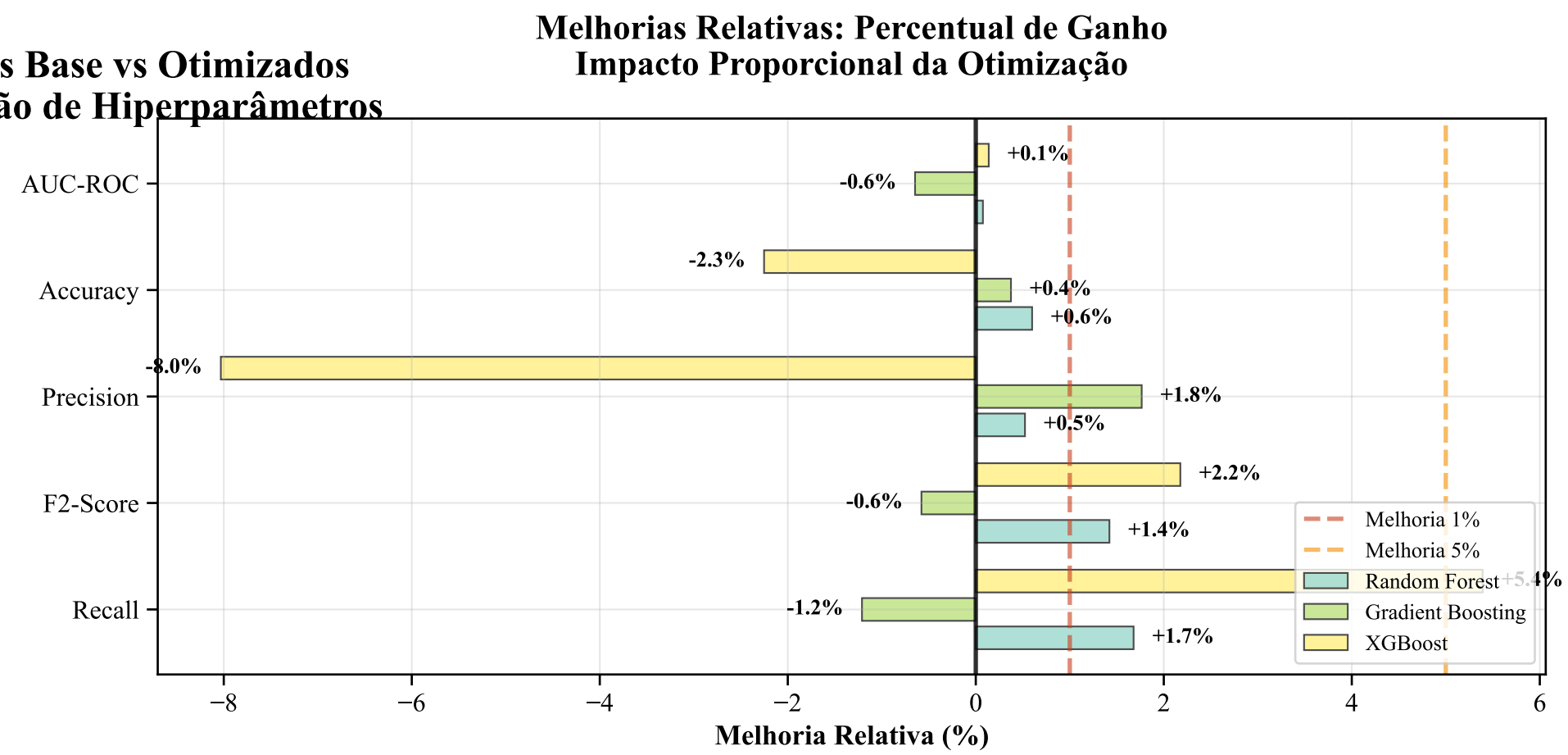


Análise Profissional de Comparação: Modelos Base vs Otimizados

Avaliação Abrangente do Impacto da Otimização de Hiperparâmetros



Resumo Executivo: Impacto da Otimização

Comparação Quantitativa Base vs Otimizado

Modelo Base	Δ F2-Score	Δ Recall	Δ FN	Avaliação Geral
Random Forest	+1.4%	+1.7%	+7	Excelente
Gradient Boosting	-0.6%	-1.2%	-5	Limitado
XGBoost	+2.2%	+5.4%	+22	Excelente