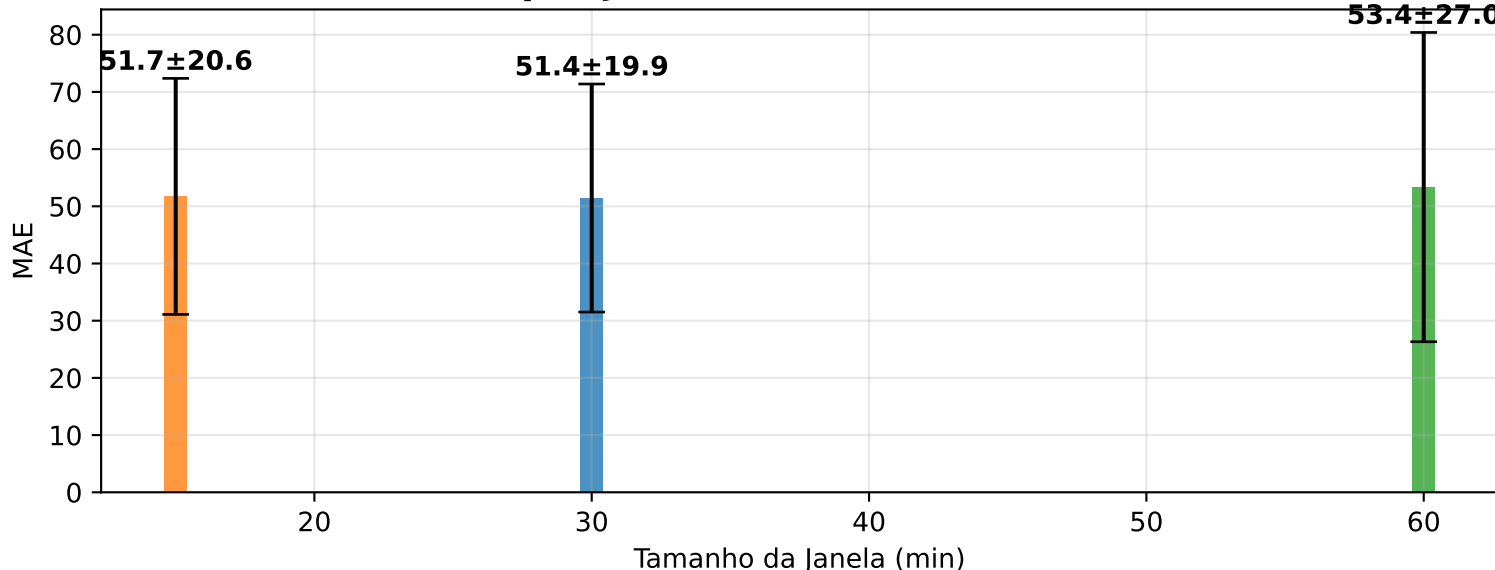
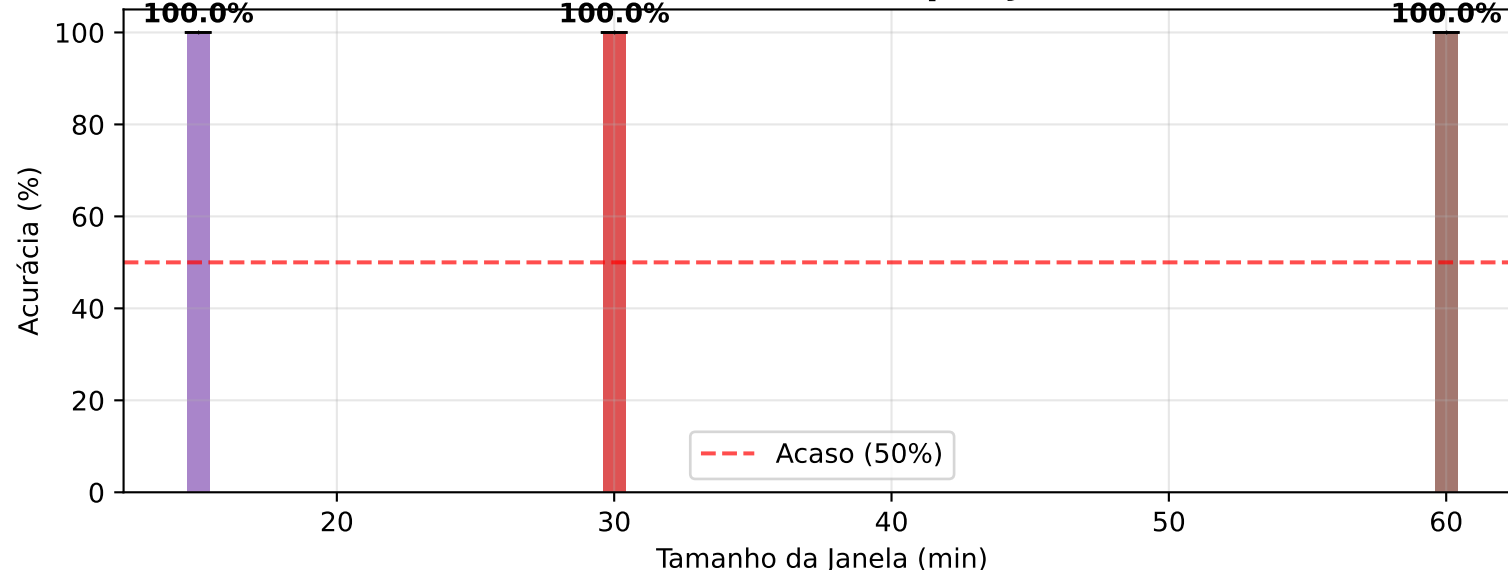


Análise Completa de Performance - Walk Forward Validation

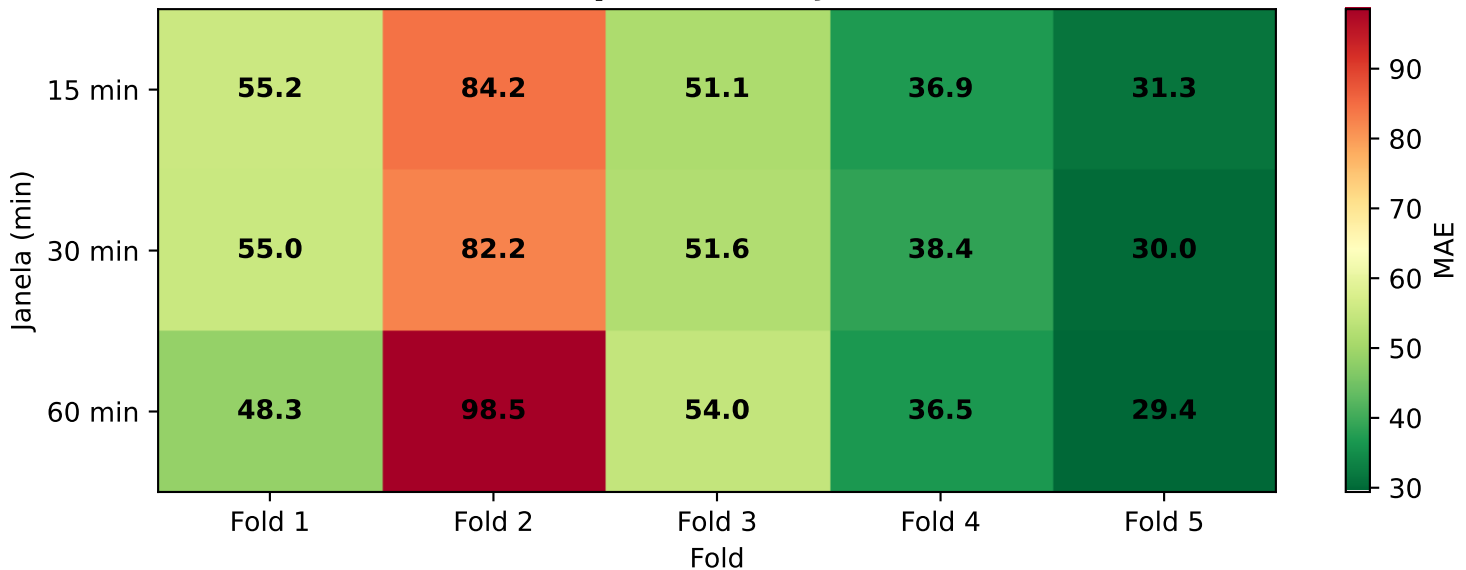
MAE por Janela (com Desvio Padrão)



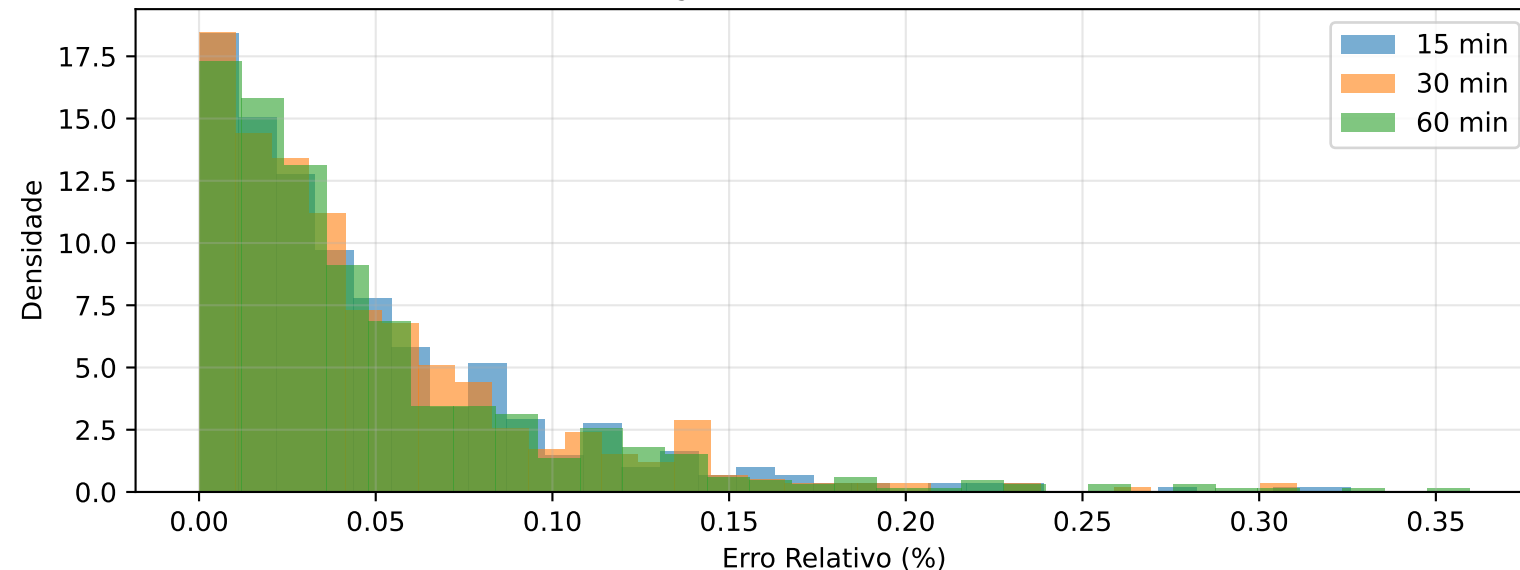
Acurácia Direcional por Janela



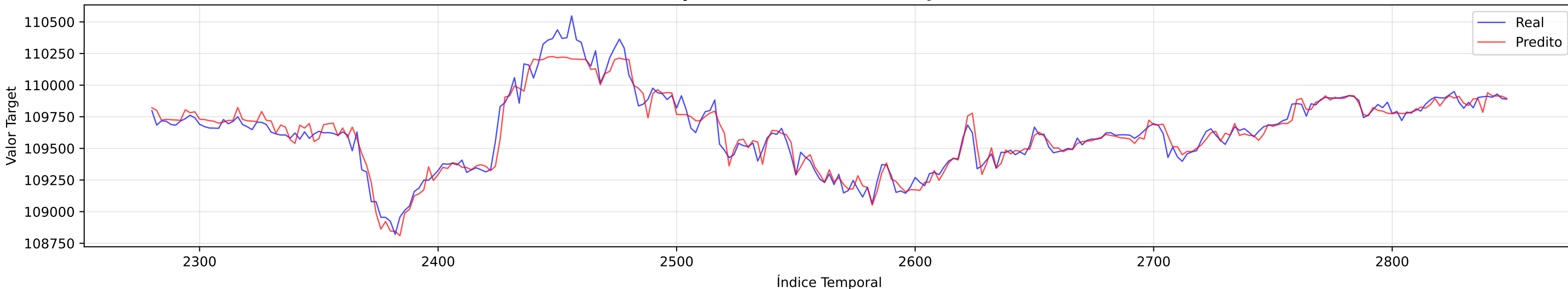
MAE por Fold e Janela



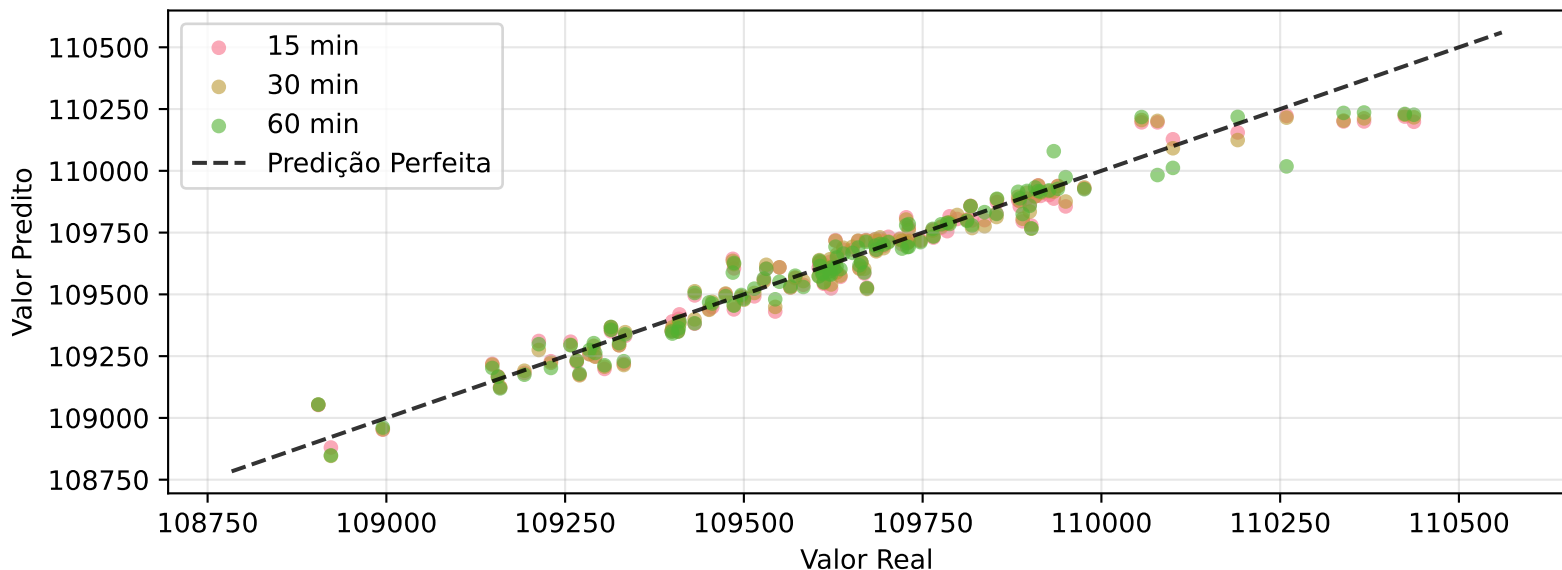
Distribuição do Erro Relativo (%)



Série Temporal - Melhor Modelo (Janela 30 min)



Real vs Predito



RESUMO ESTATÍSTICO

JANELA 30 MINUTOS:

- MAE: 51.45 ± 19.93
- MAPE: 0.0% ± 0.0%
- Acurácia Dir.: 100.0% ± 0.0%
- R²: 0.842 ± 0.109
- Folds: 5

JANELA 15 MINUTOS:

- MAE: 51.73 ± 20.63
- MAPE: 0.0% ± 0.0%
- Acurácia Dir.: 100.0% ± 0.0%
- R²: 0.840 ± 0.106
- Folds: 5

JANELA 60 MINUTOS:

- MAE: 53.36 ± 27.04
- MAPE: 0.0% ± 0.0%
- Acurácia Dir.: 100.0% ± 0.0%
- R²: 0.835 ± 0.088
- Folds: 5

☐ MELHOR: 30 min
Supera acaso em 50.0pp