

## N-HiTS Multivariable – Resumen

CSV: data/weatherHistory\_normalize.csv

Target (z): Temperature (C)\_normalized → real: Temperature (C) (train  $\mu=11.931$ ,  $\sigma=9$ )

H=336, L=24

POOL\_SIZES=[1, 3, 6, 12, 24, 48, 168]

WIDTH=512, DEPTH/BLOCK=3, BLOCKS/SCALE=2

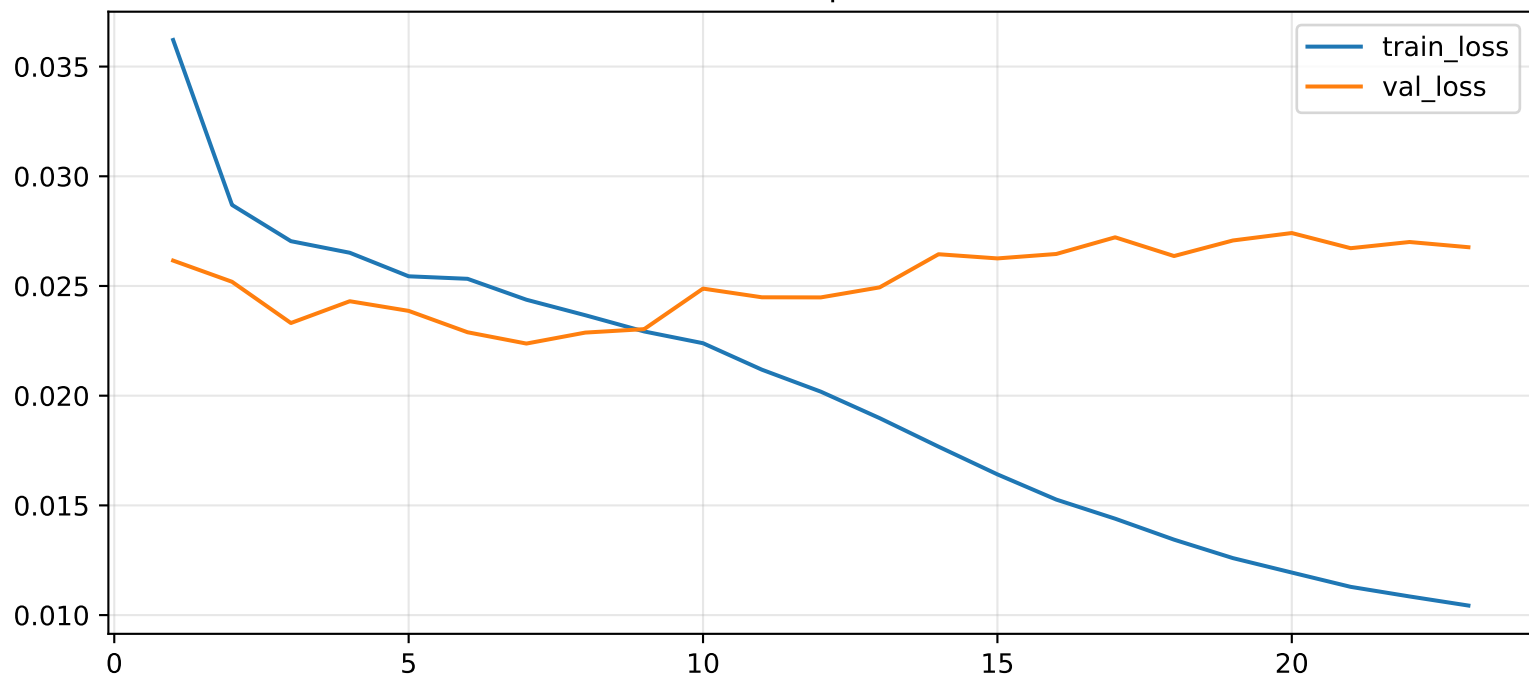
EPOCHS=150, BATCH=128, LR=0.0007

AMP=True, TF32=True, Patience=16

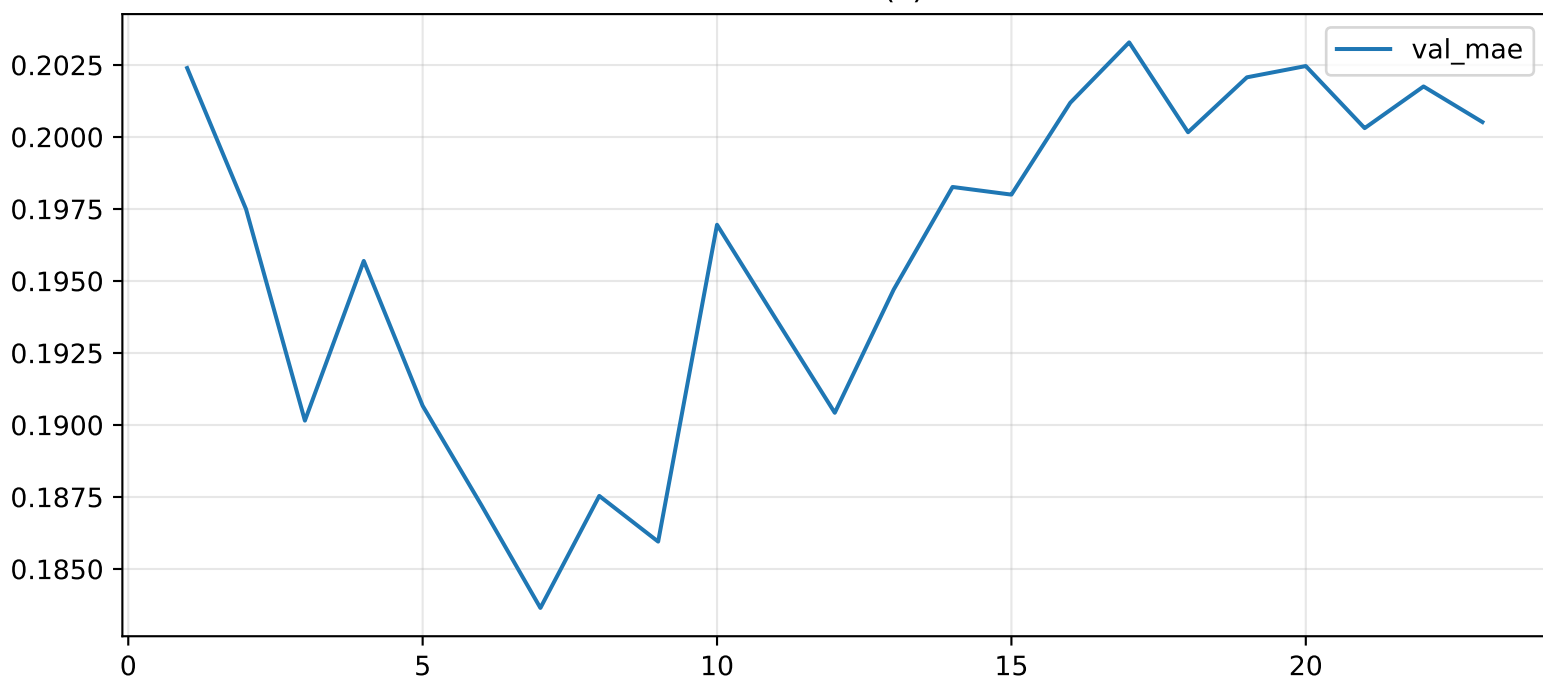
Features (D=1):

Temperature (C)\_normalized

Loss (Huber ponderado)



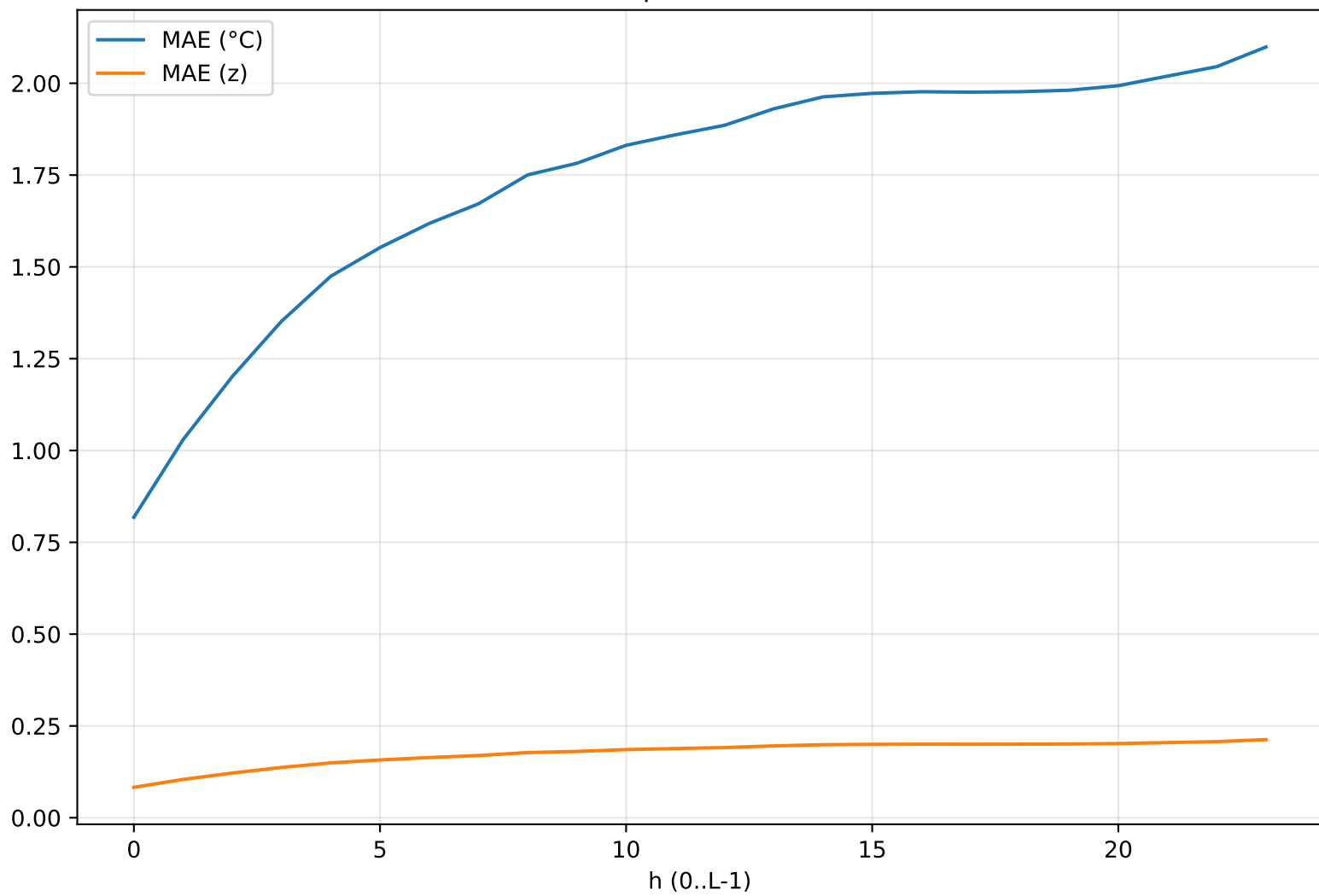
Val MAE (z)



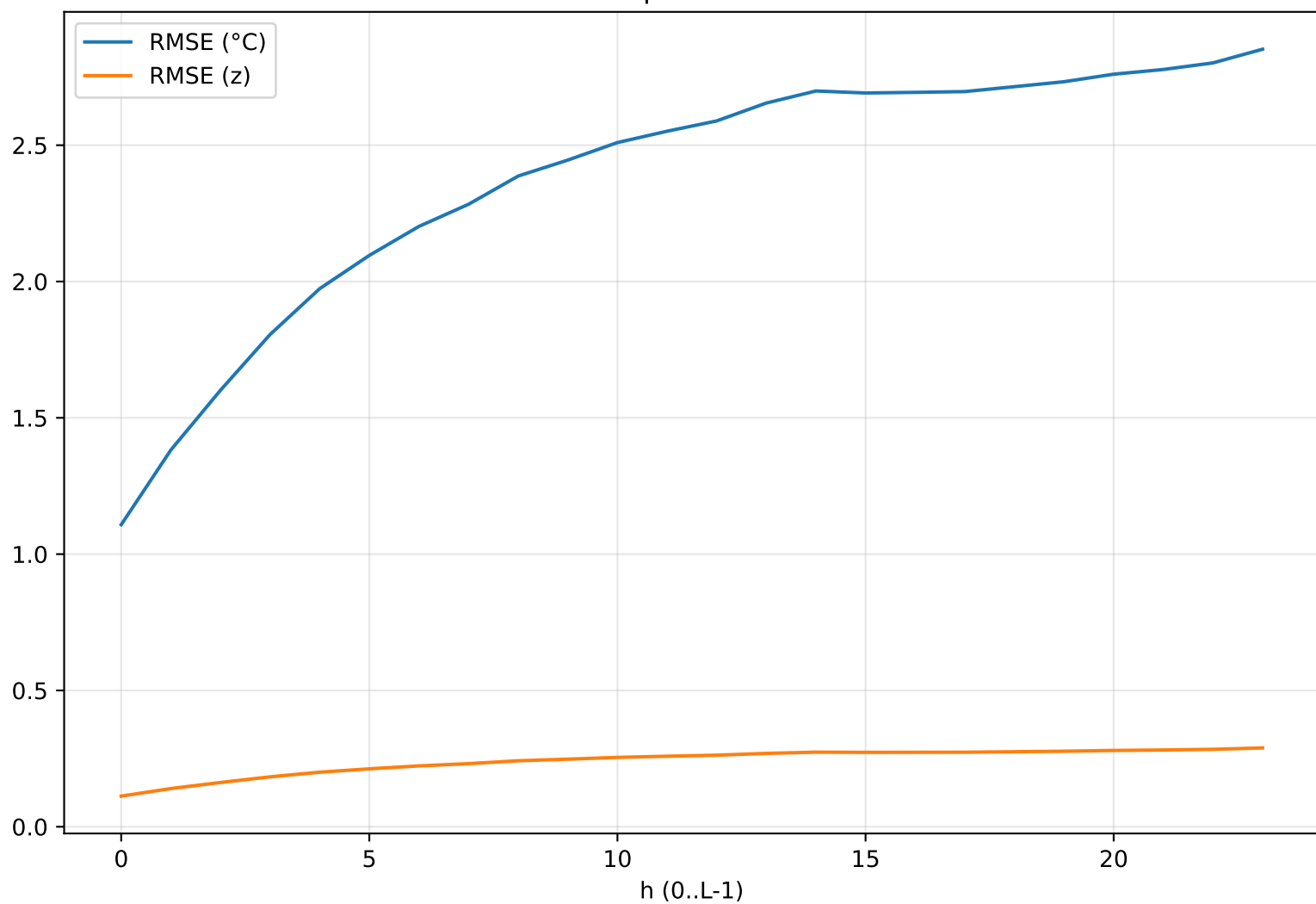
Val RMSE (z)



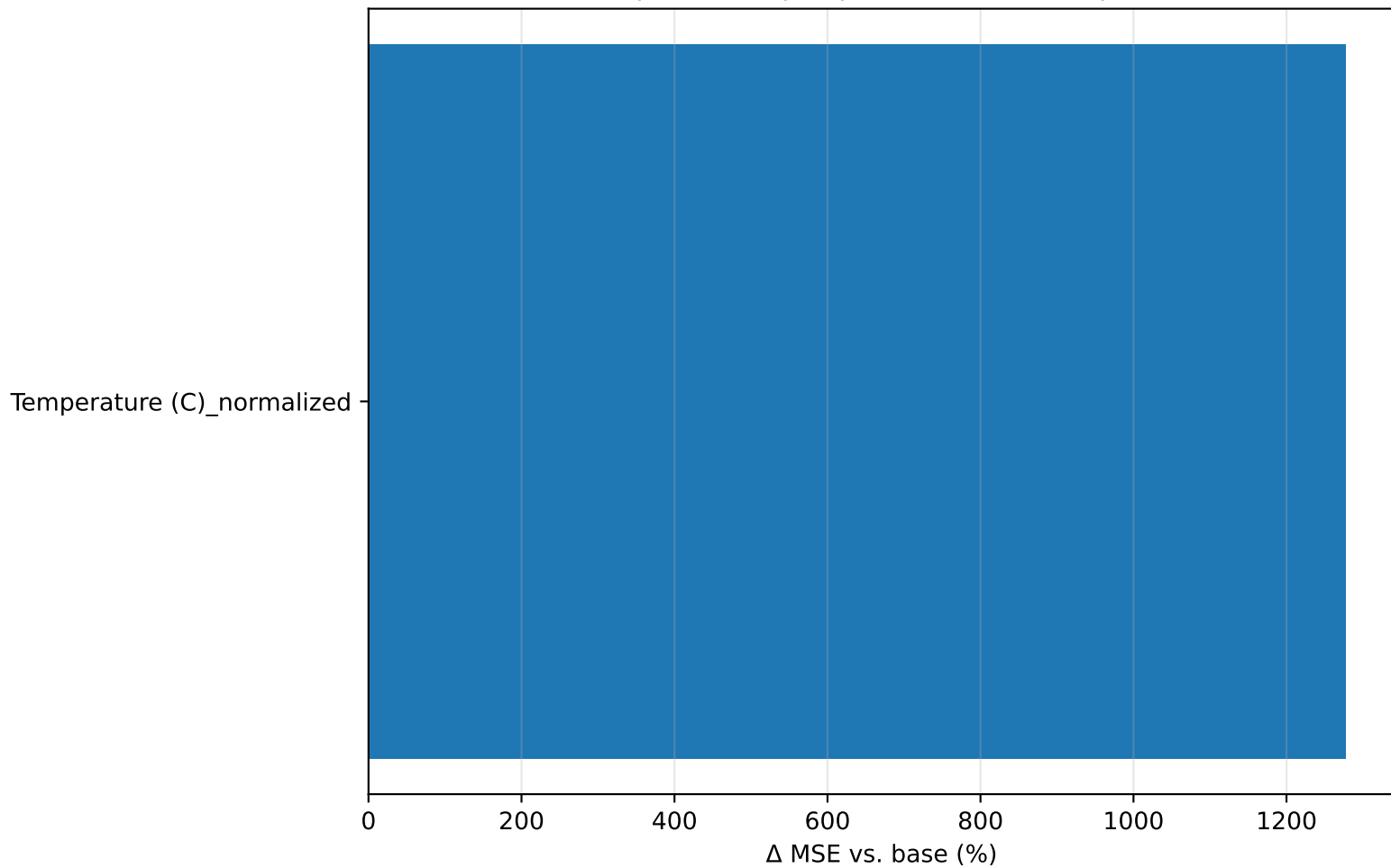
MAE por horizonte



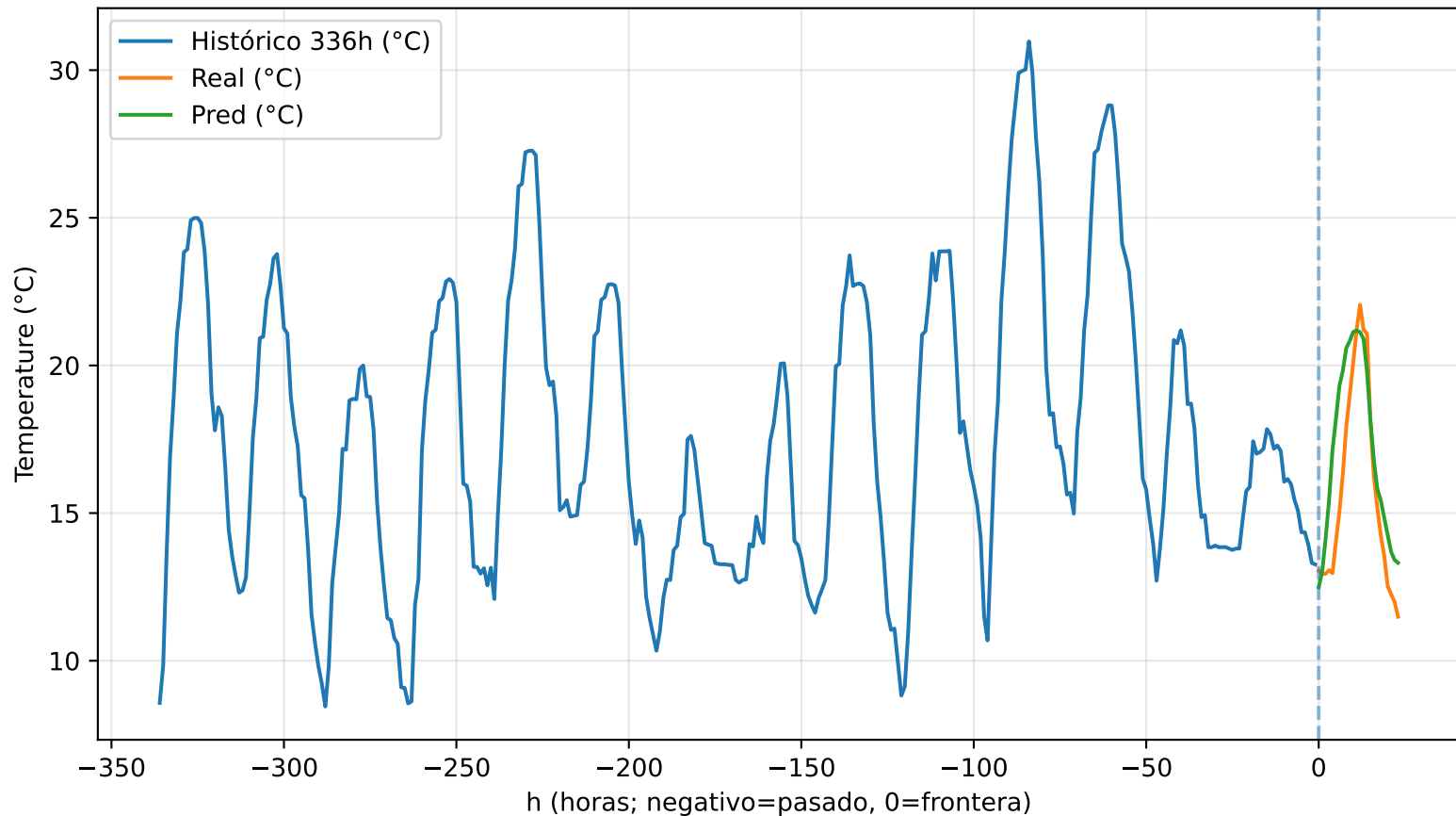
RMSE por horizonte



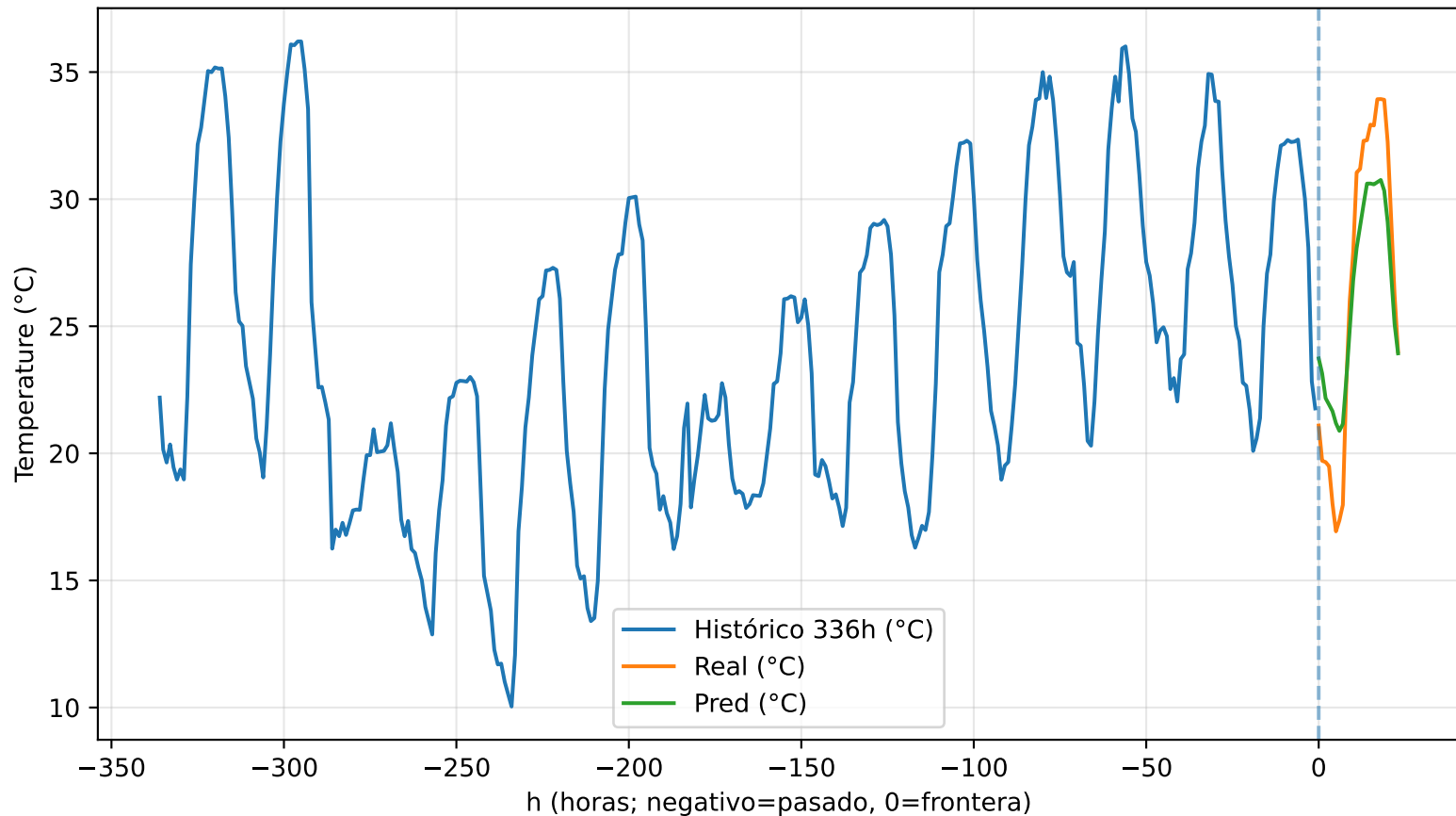
Importancia por permutación — Top-10



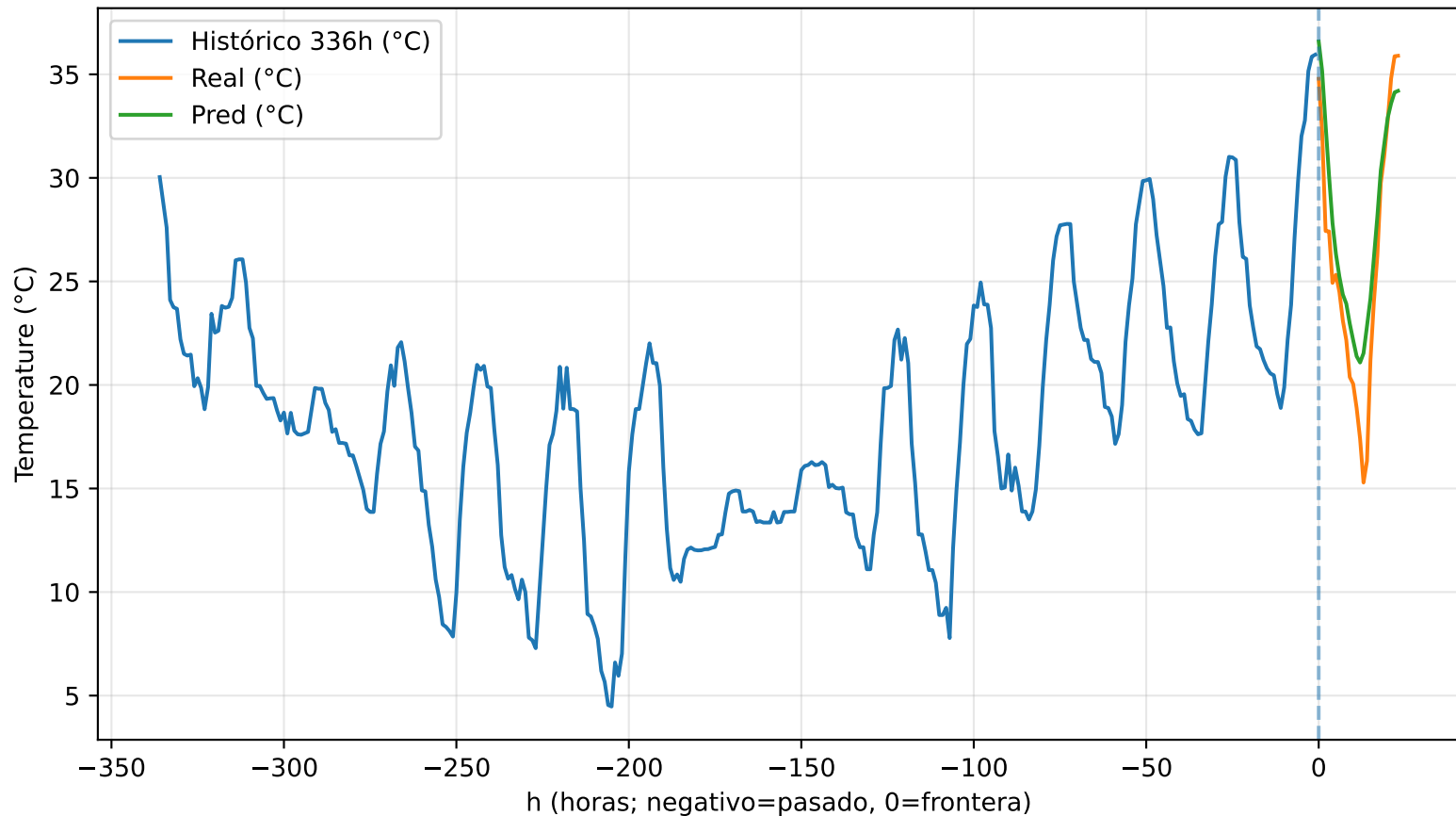
Test sample 1/10 — Ventana H + Horizonte 24h



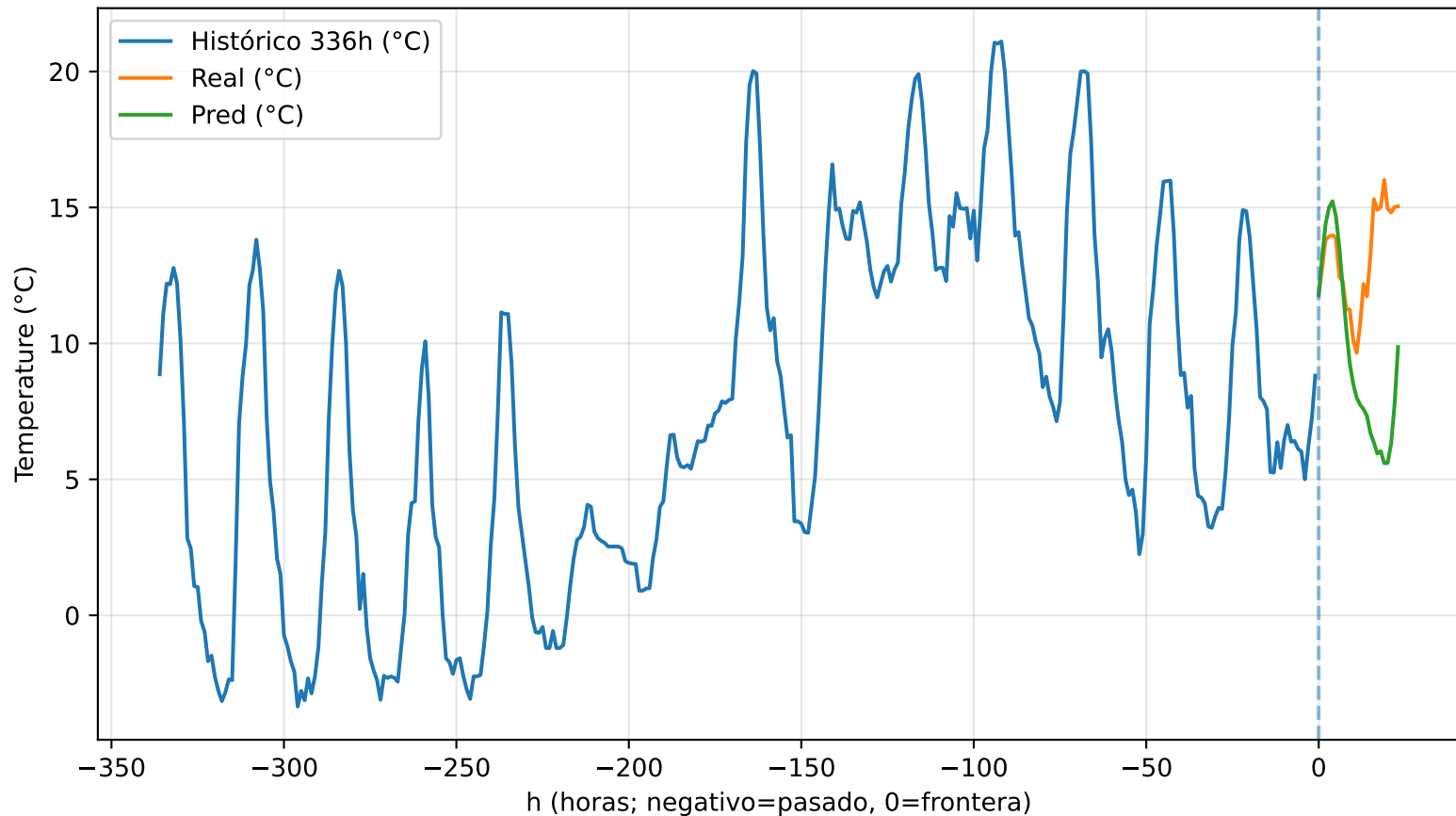
Test sample 2/10 — Ventana H + Horizonte 24h



Test sample 3/10 — Ventana H + Horizonte 24h

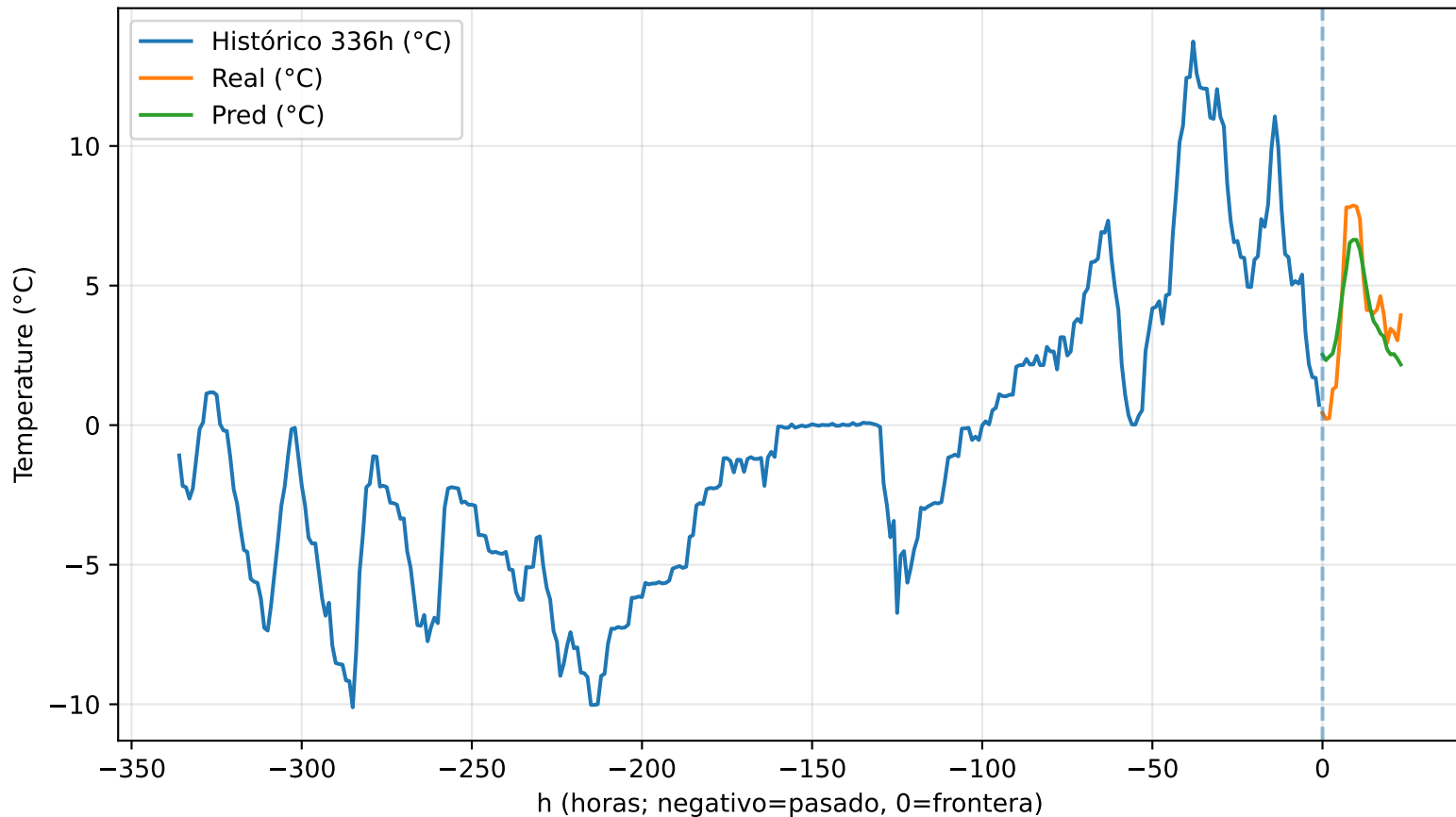


Test sample 4/10 — Ventana H + Horizonte 24h

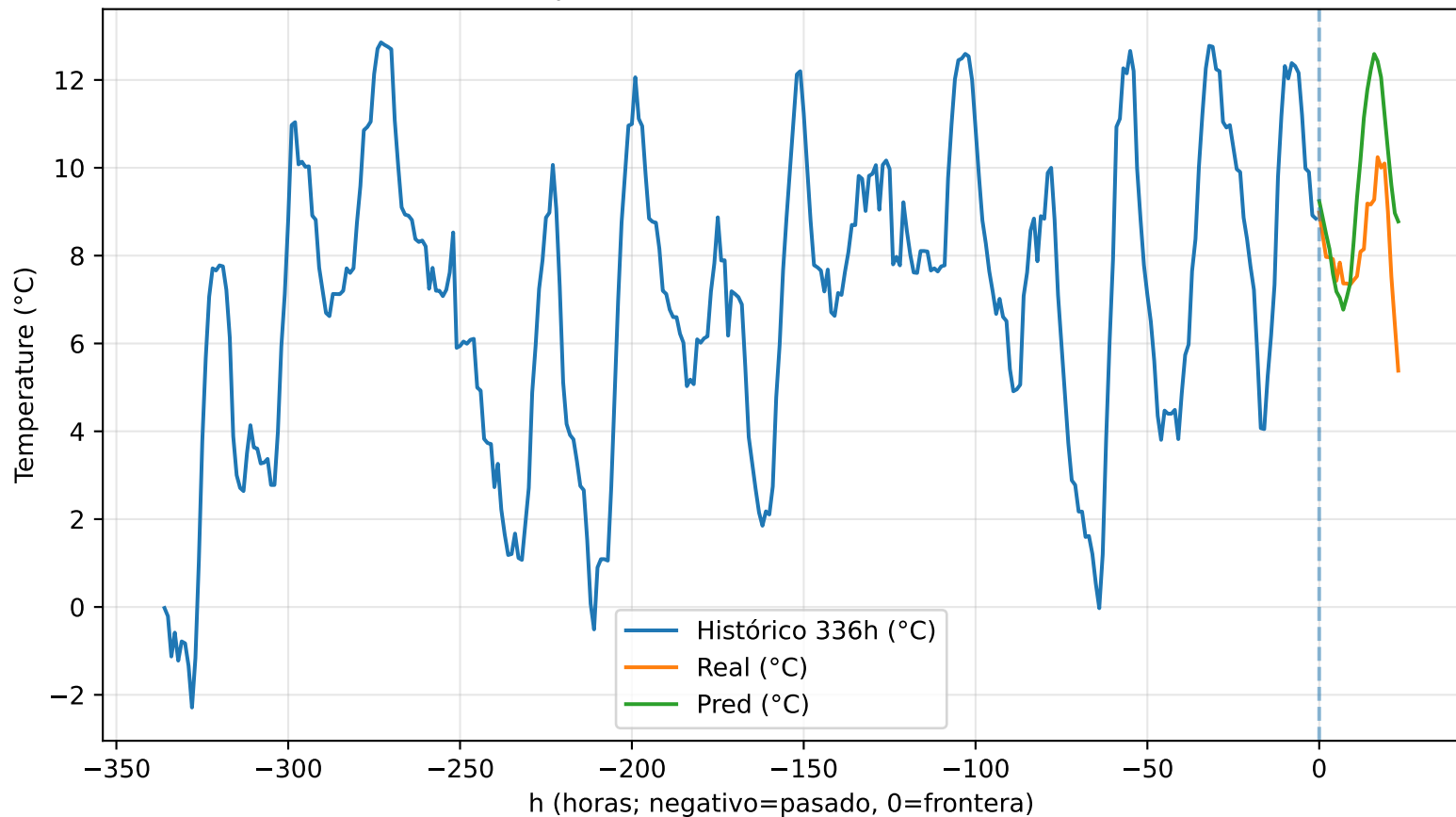




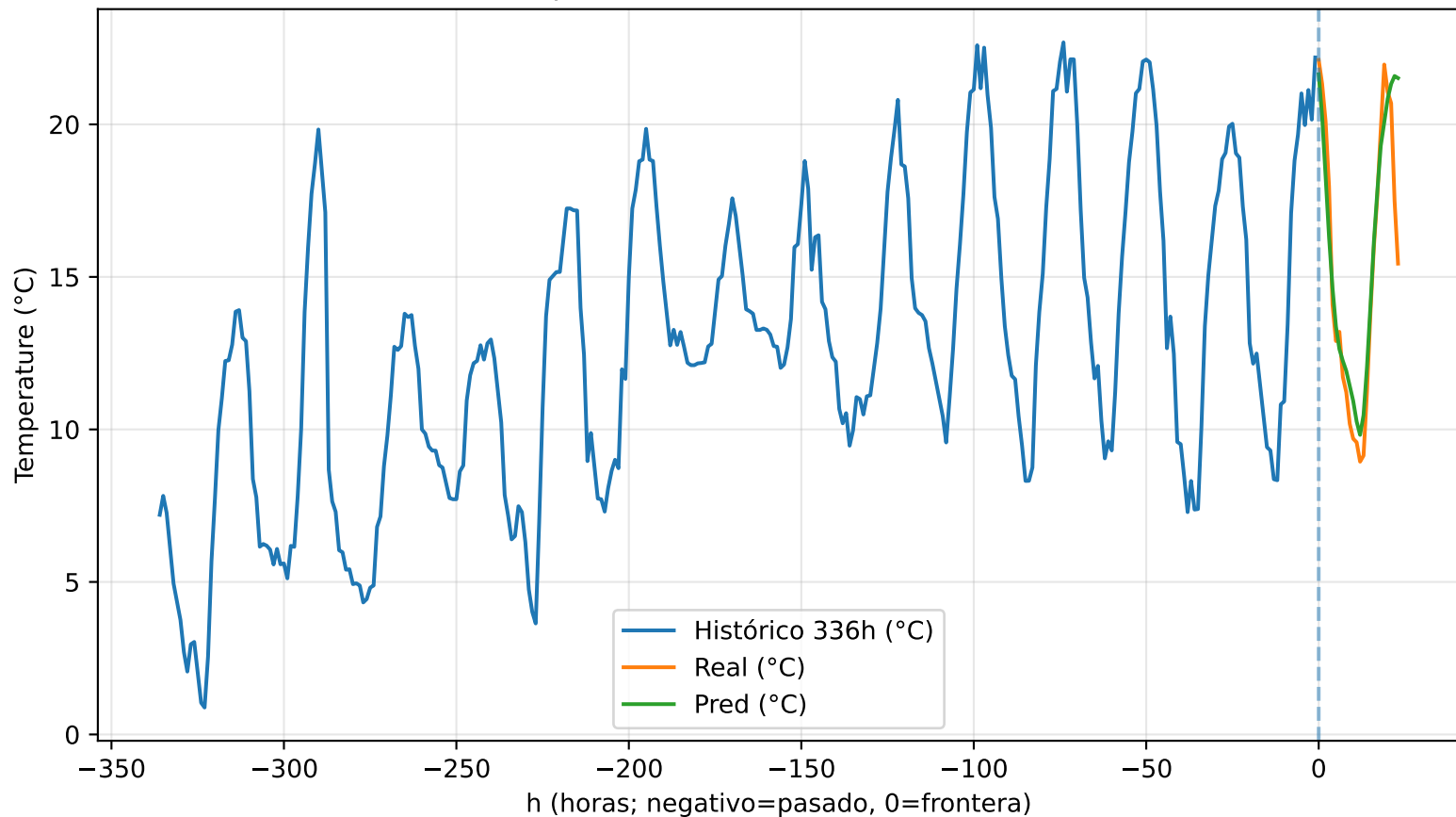
Test sample 5/10 — Ventana H + Horizonte 24h



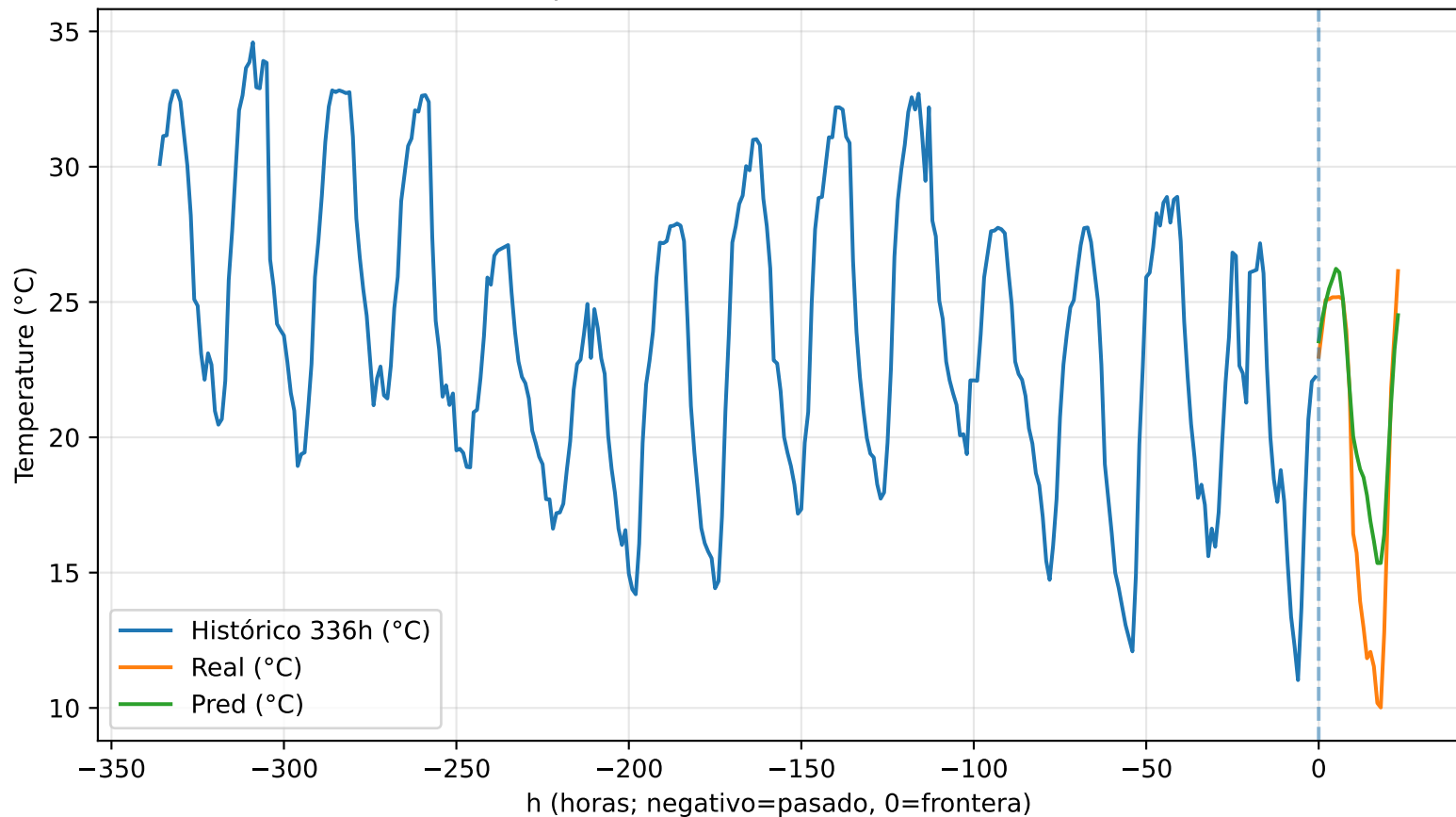
Test sample 6/10 — Ventana H + Horizonte 24h



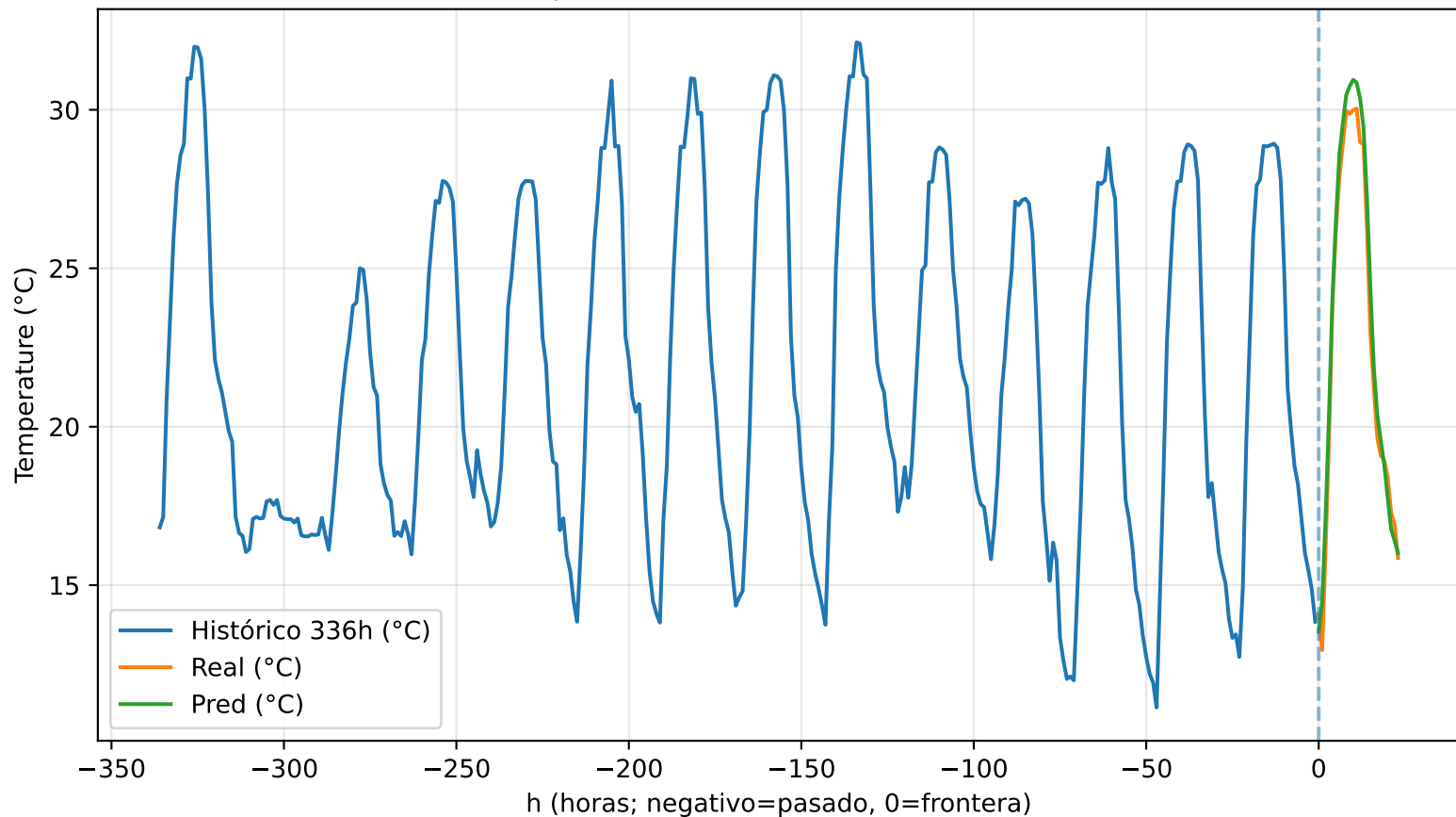
Test sample 7/10 — Ventana H + Horizonte 24h



Test sample 8/10 — Ventana H + Horizonte 24h



Test sample 9/10 — Ventana H + Horizonte 24h



Test sample 10/10 — Ventana H + Horizonte 24h

