N-HiTS Multivariable — Resumen

CSV: data/weatherHistory_normalize.csv
Target (z): Temperature (C)_normalized → real: Temperature (C) (train μ=11.931, σ=9
H=336, L=24
POOL_SIZES=[1, 3, 6, 12, 24, 48, 168]
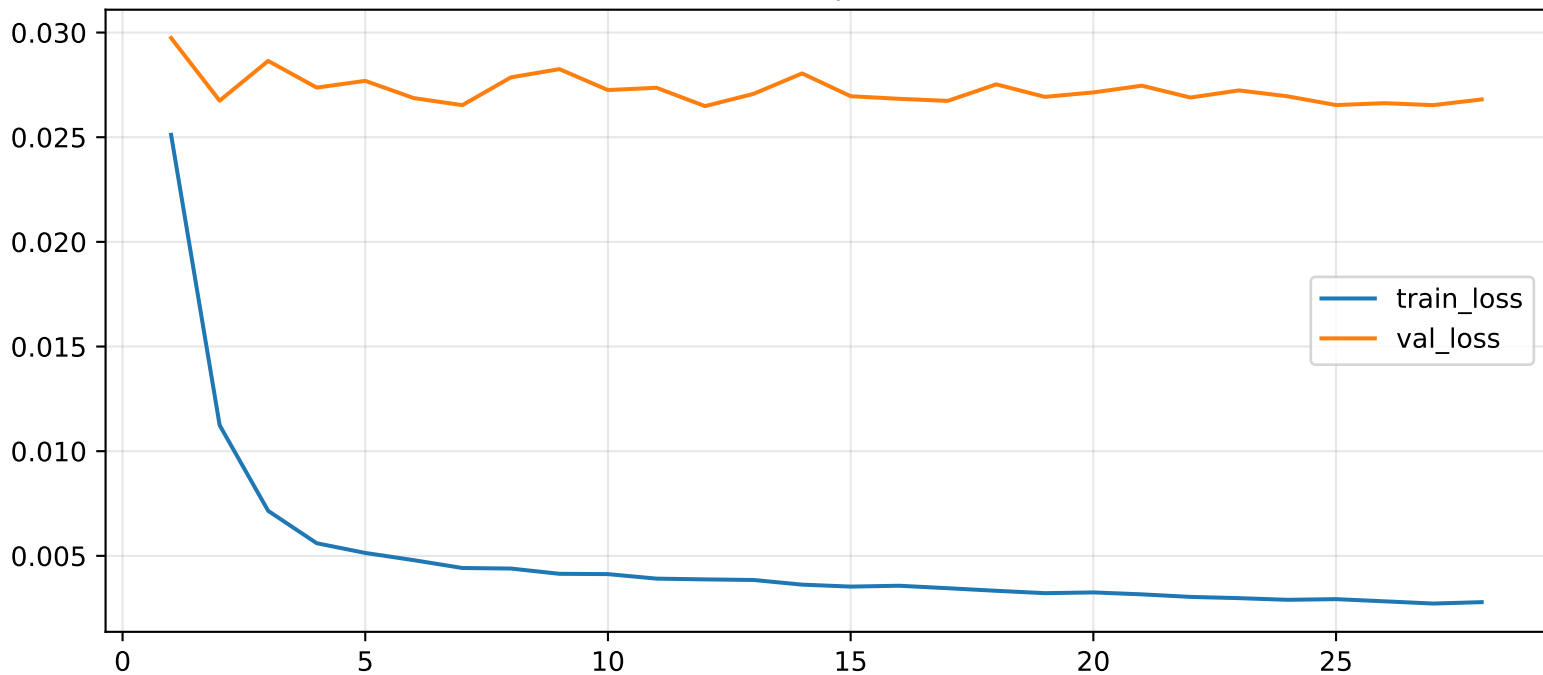WIDTH=512, DEPTH/BLOCK=3, BLOCKS/SCALE=2
EPOCHS=150, BATCH=128, LR=0.0007
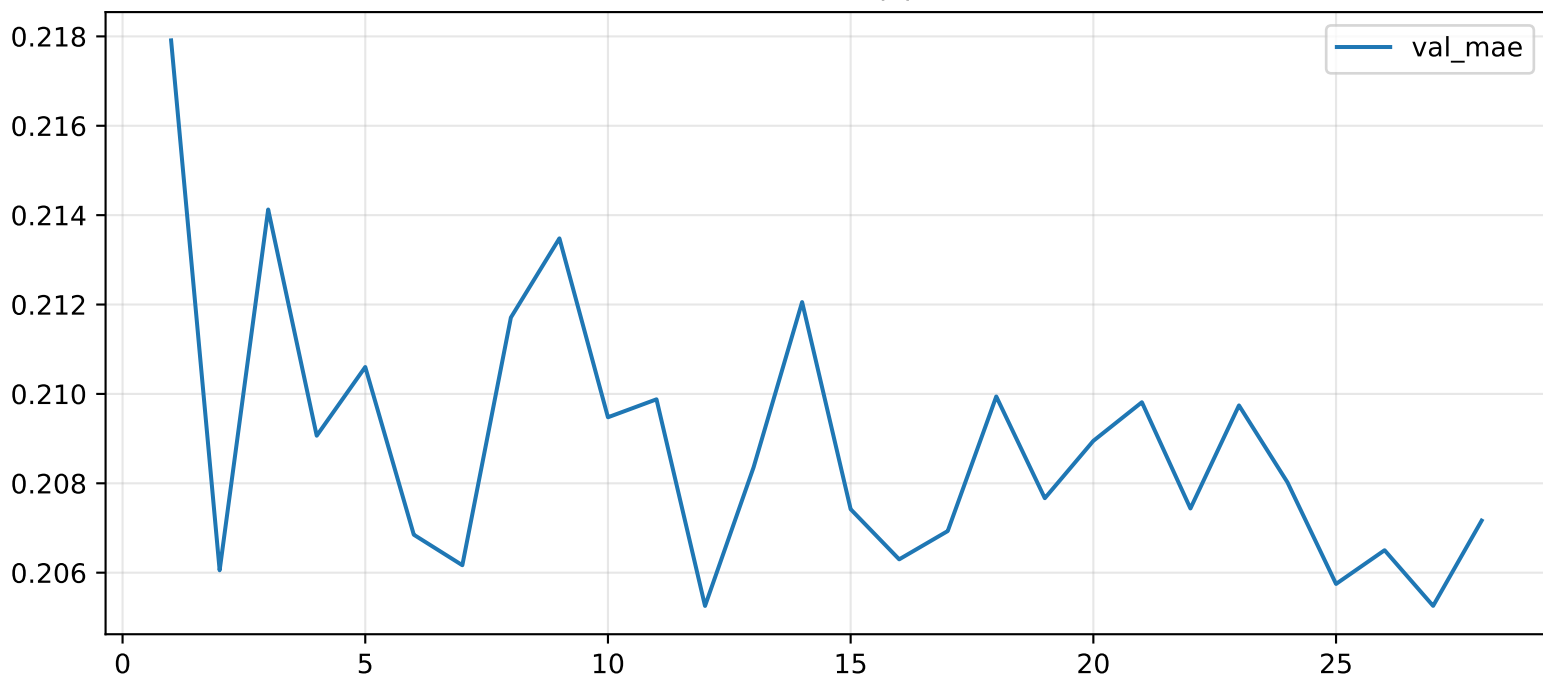AMP=True, TF32=True, Patience=16
Features (D=21):
h_sin, h_cos, dow_sin, dow_cos, doy_sin, doy_cos, Precip Type_normalized, Humidity_no
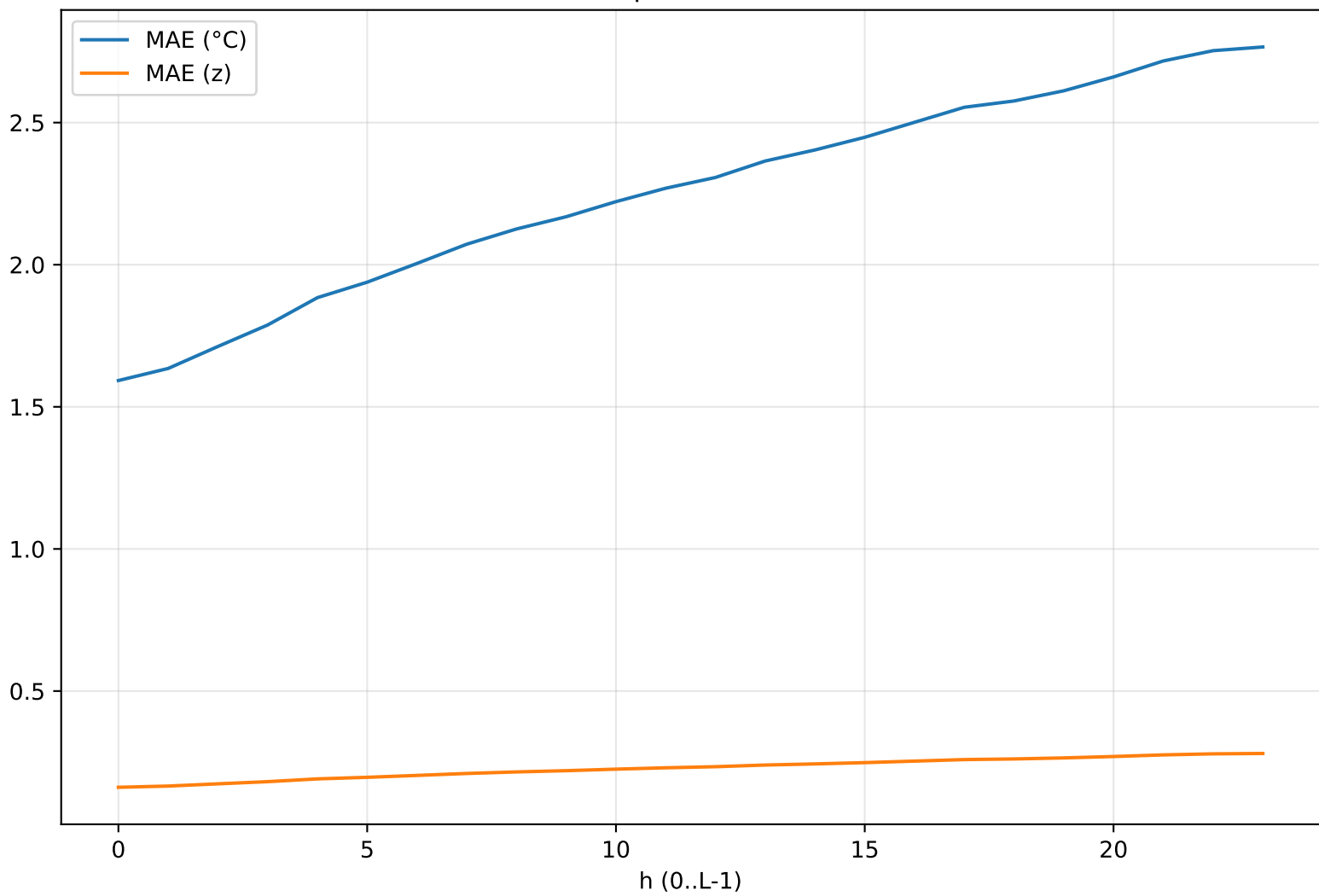
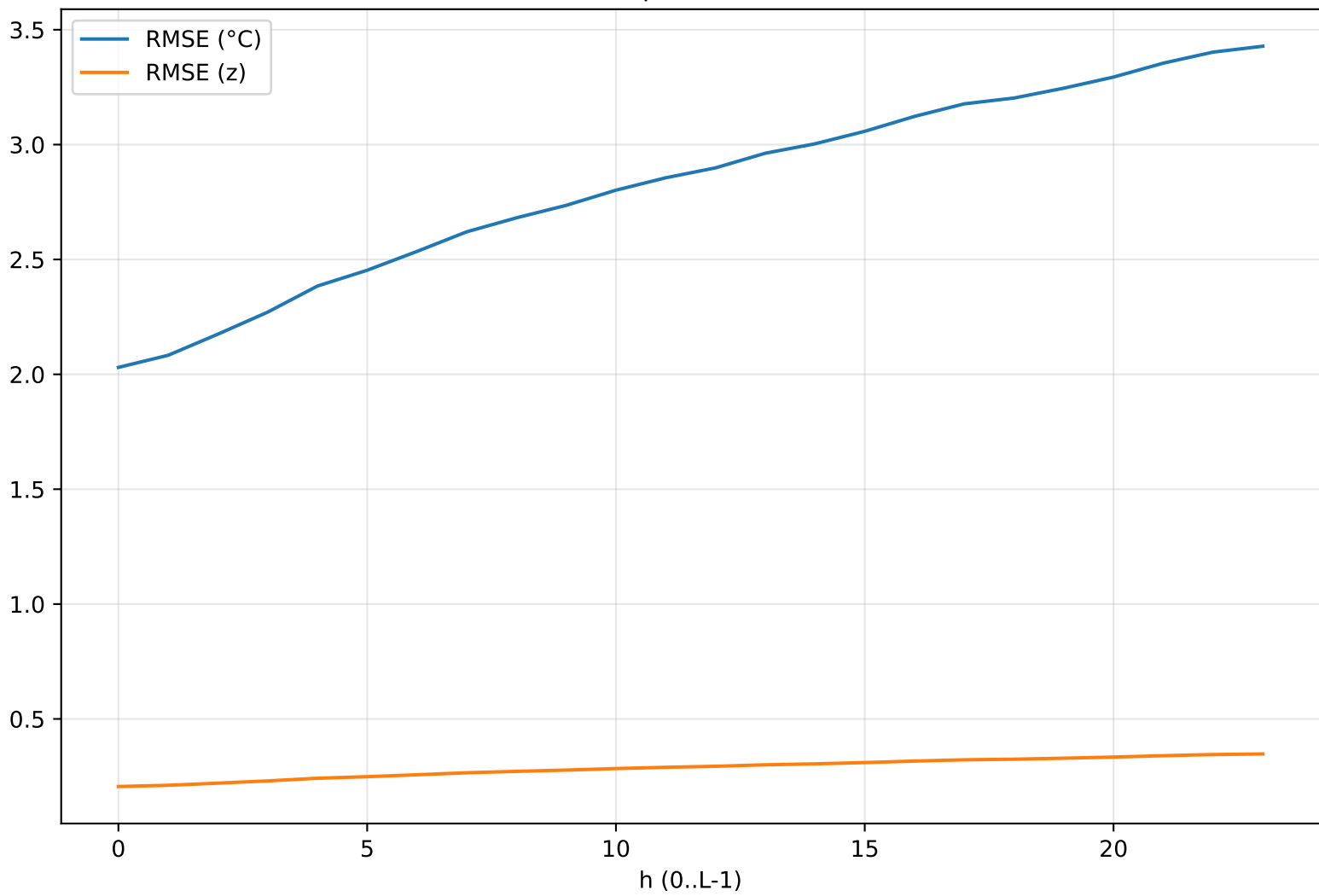Loss (Huber ponderado)
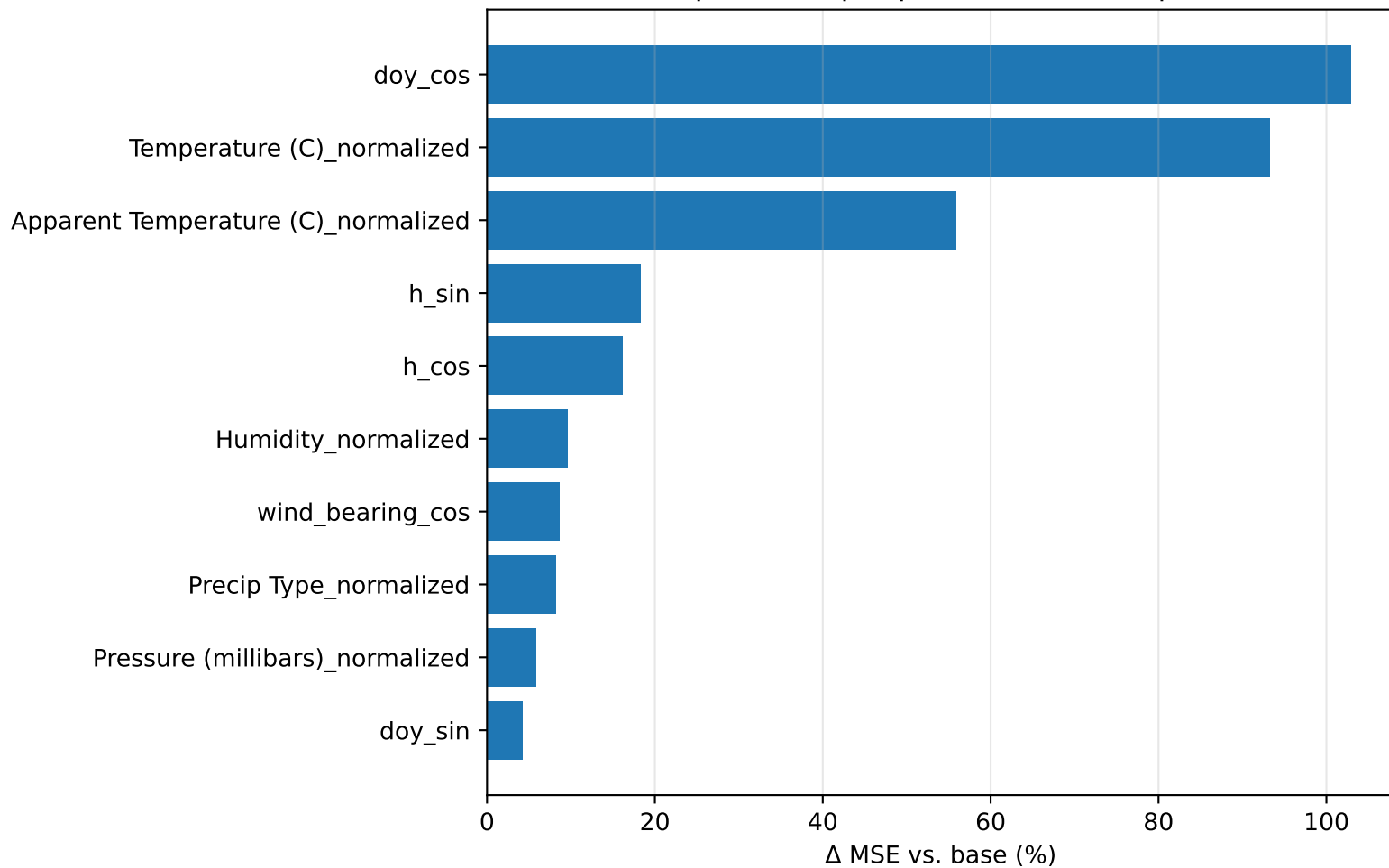
Val MAE (z)

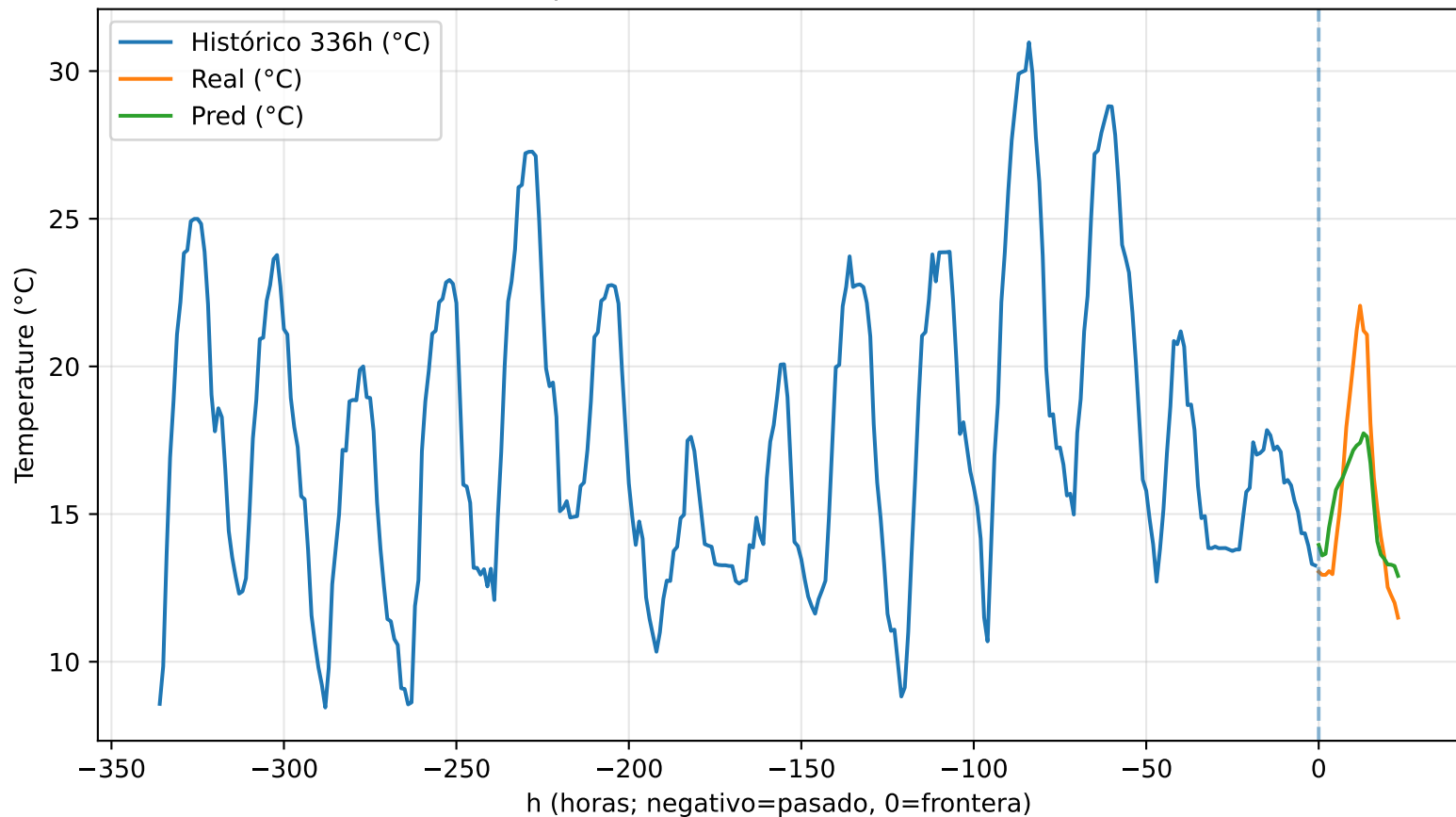Val RMSE (z)

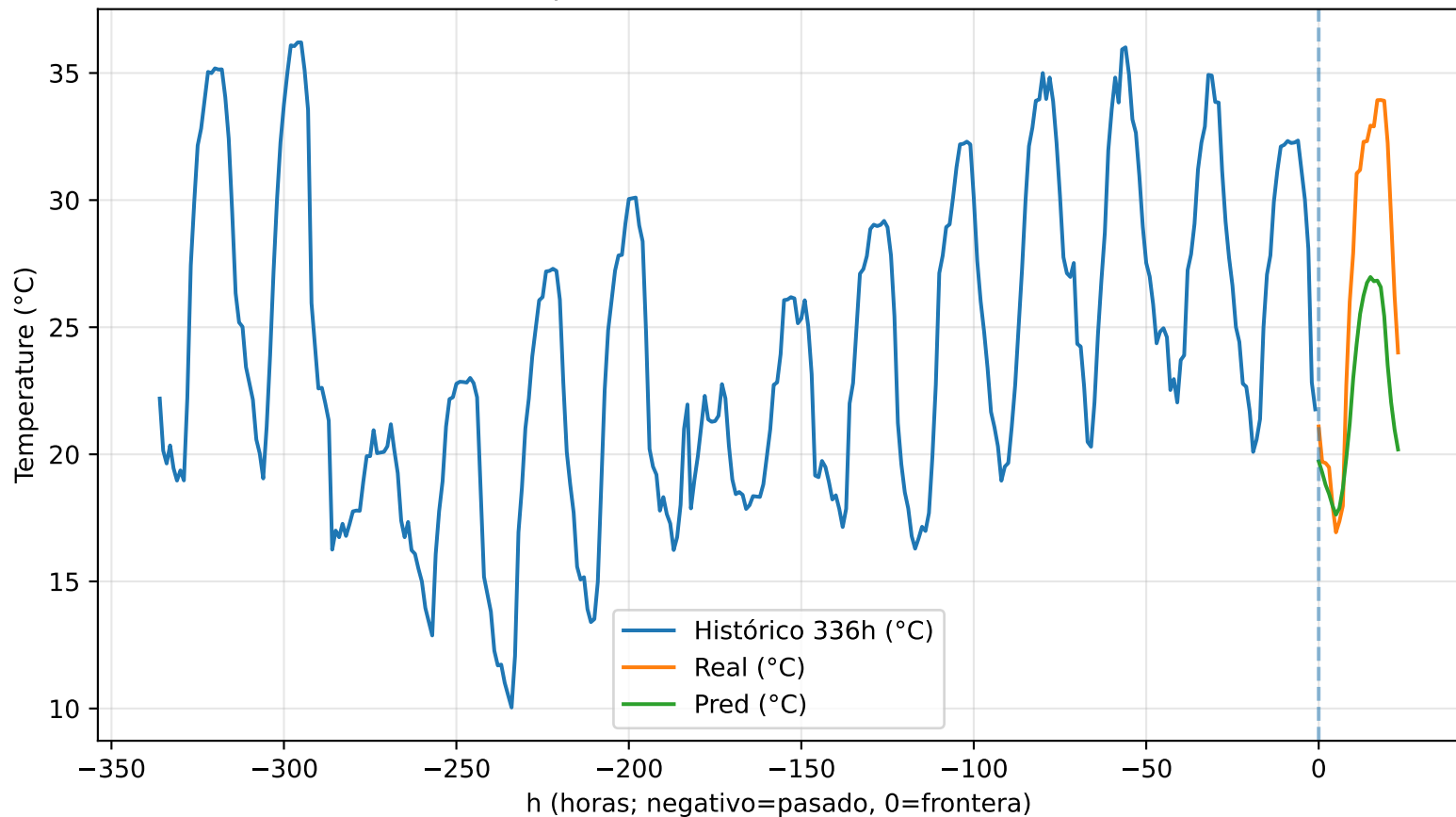MAE por horizonte

RMSE por horizonte

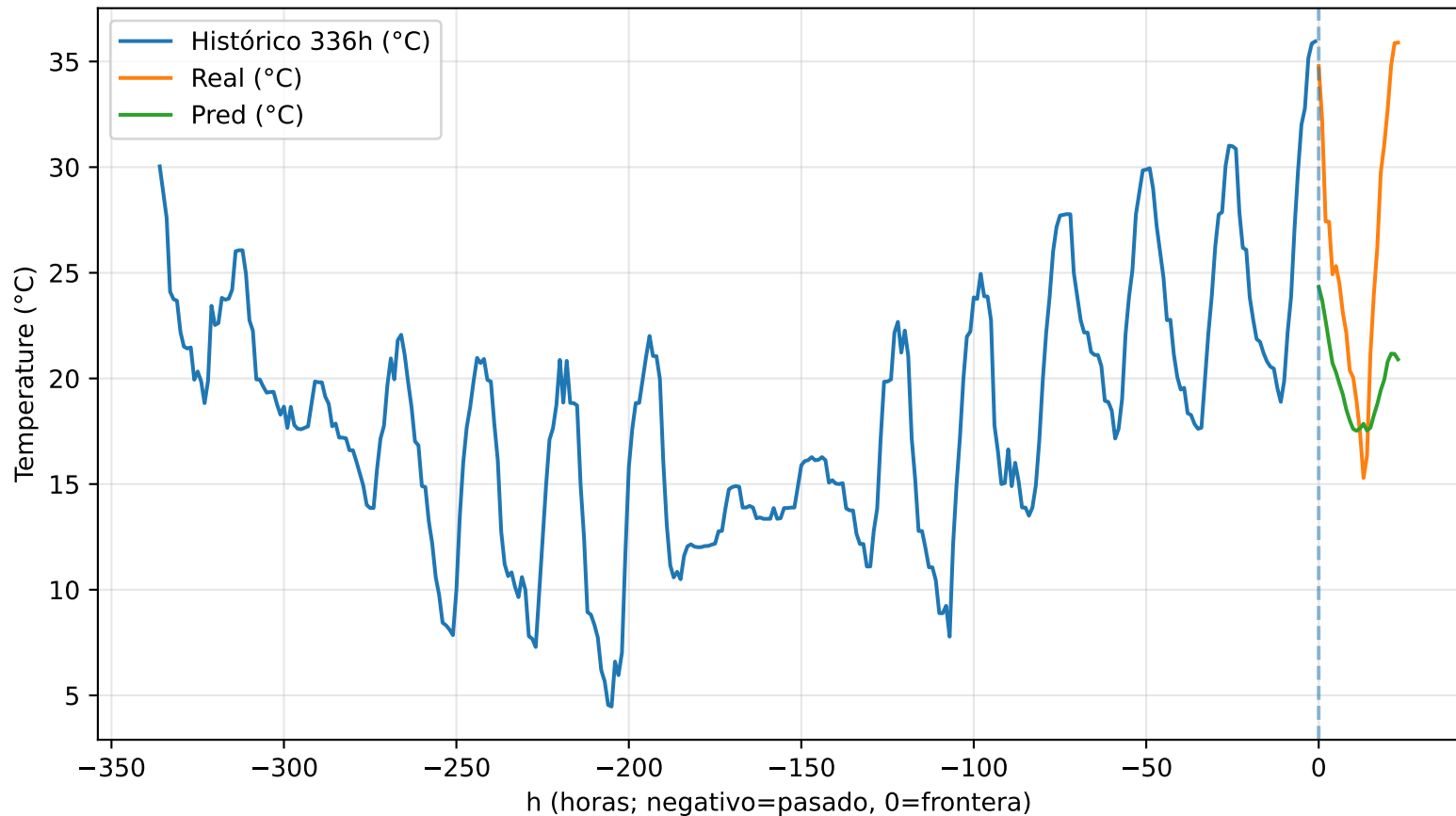Importancia por permutación — Top-10
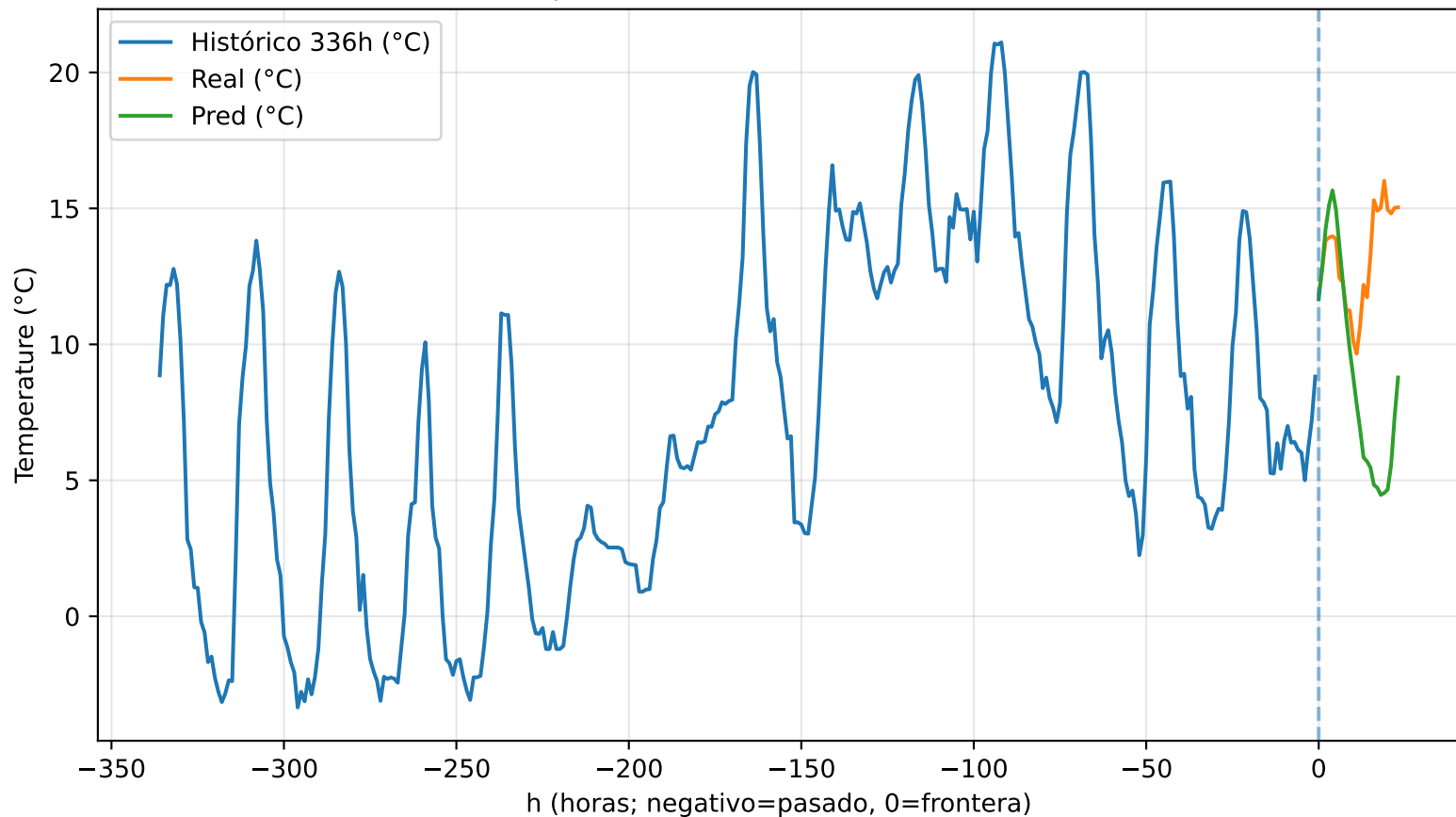
Test sample 1/10 — Ventana H + Horizonte 24h
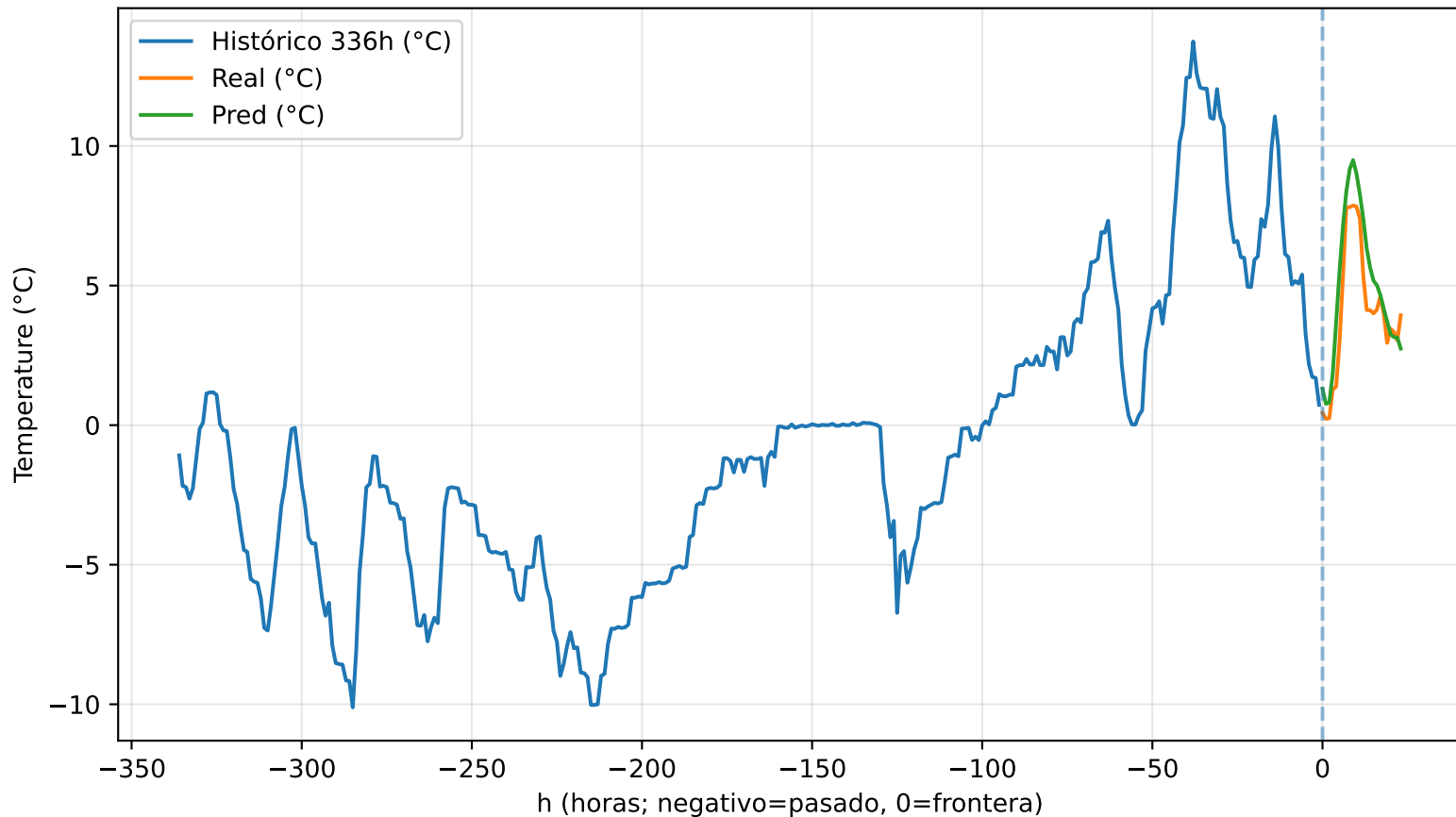
Test sample 2/10 — Ventana H + Horizonte 24h

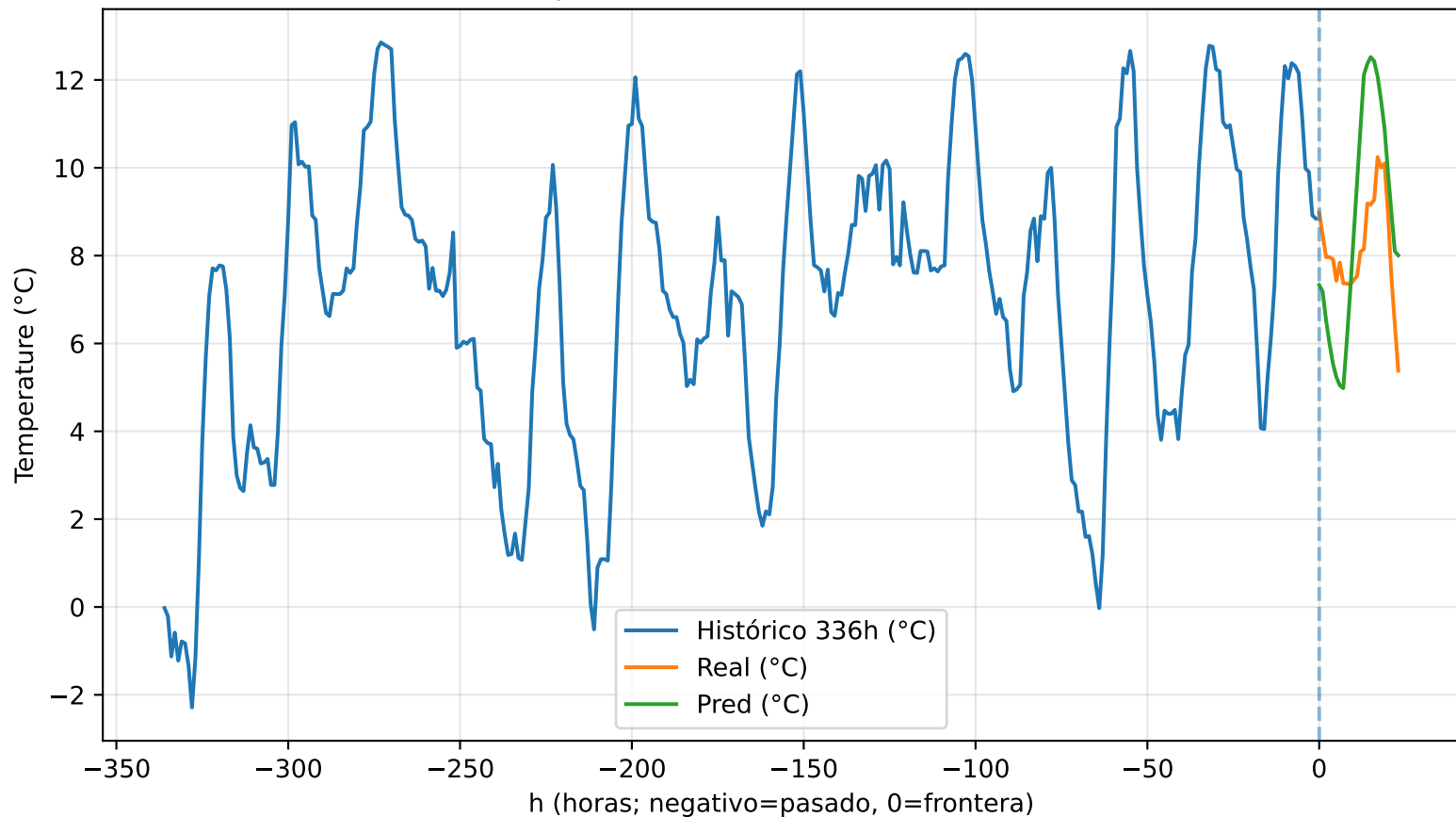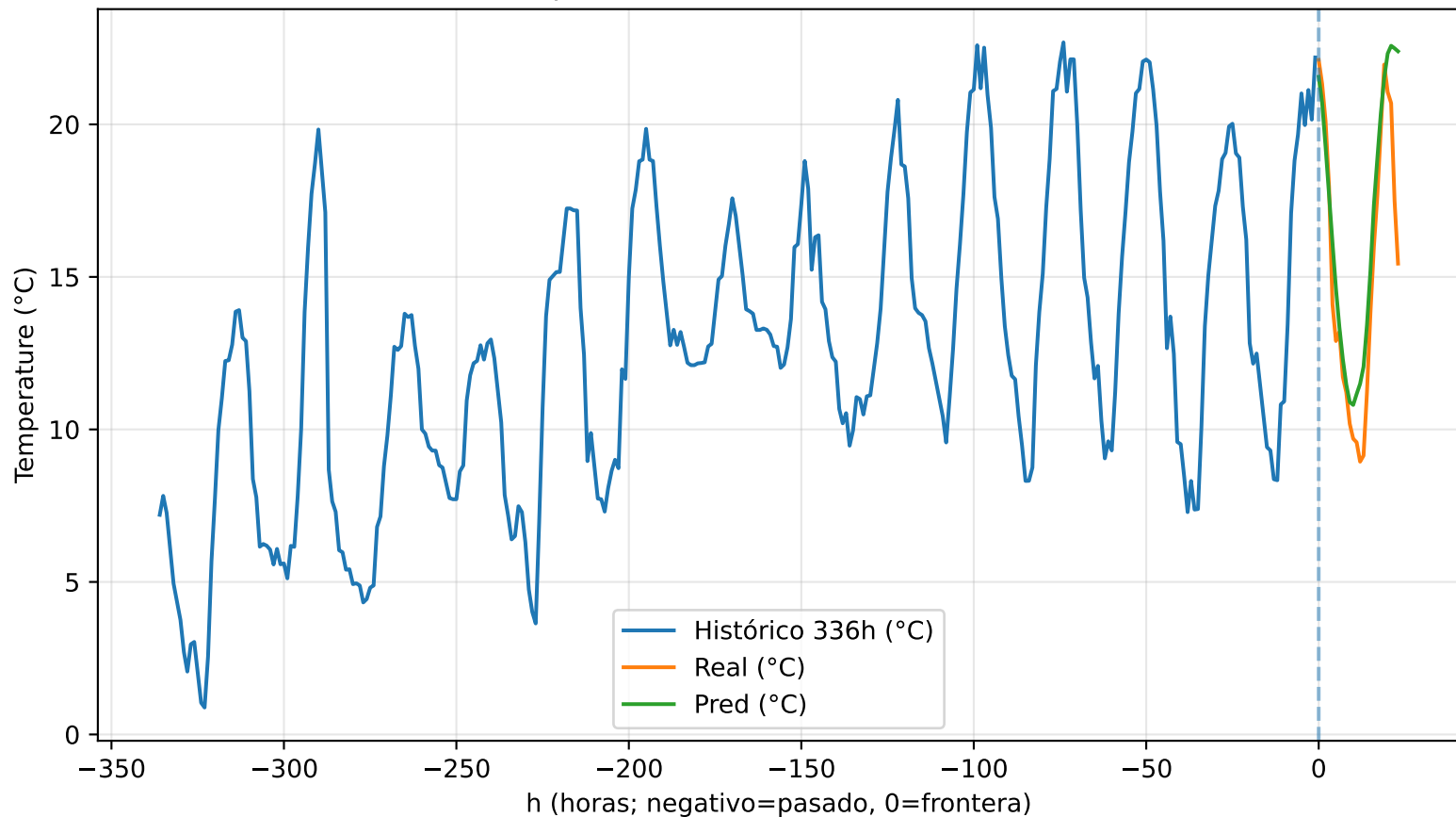Test sample 3/10 — Ventana H + Horizonte 24h

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

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

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

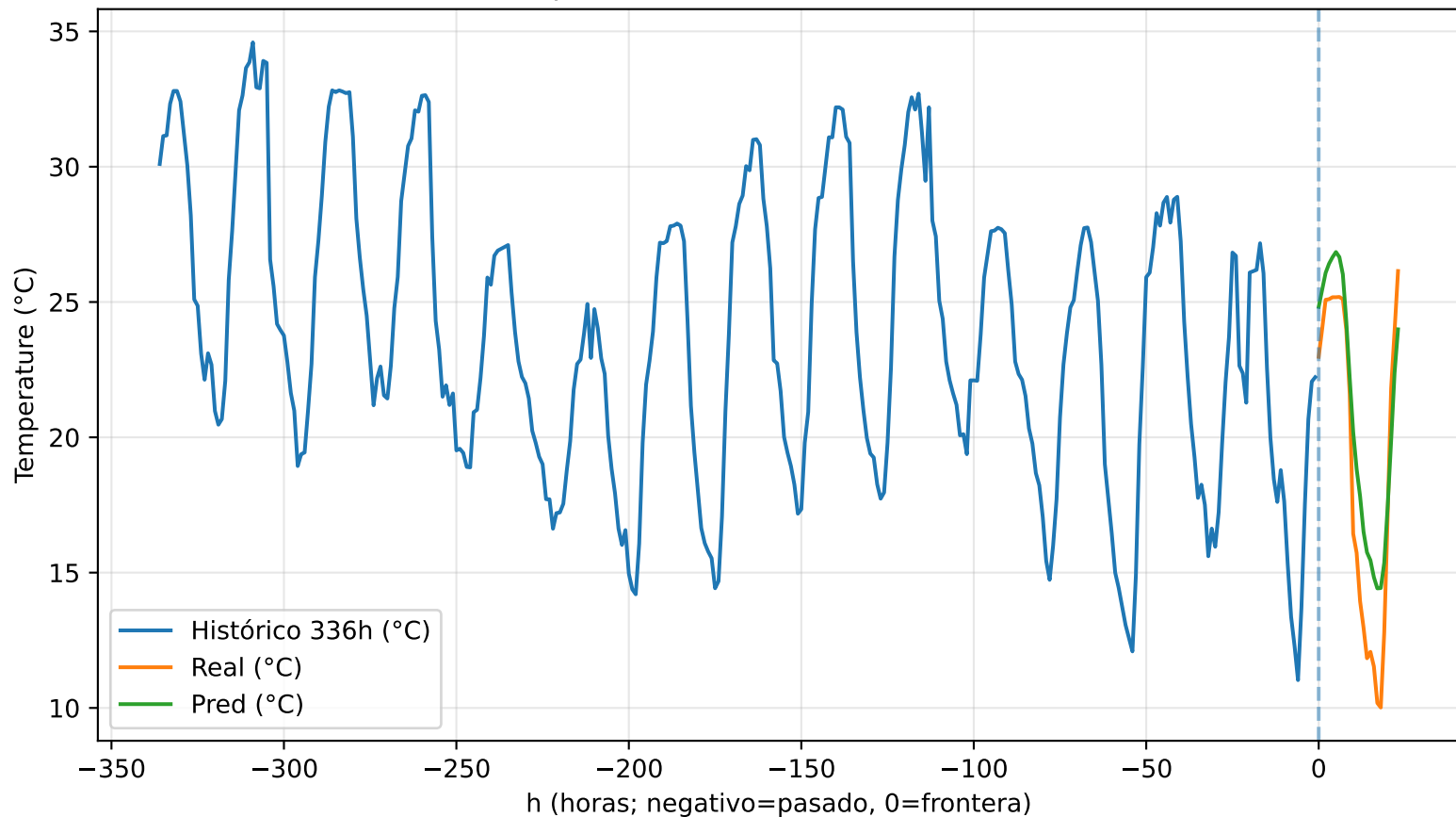Histórico 336h (°C)
Real (°C)
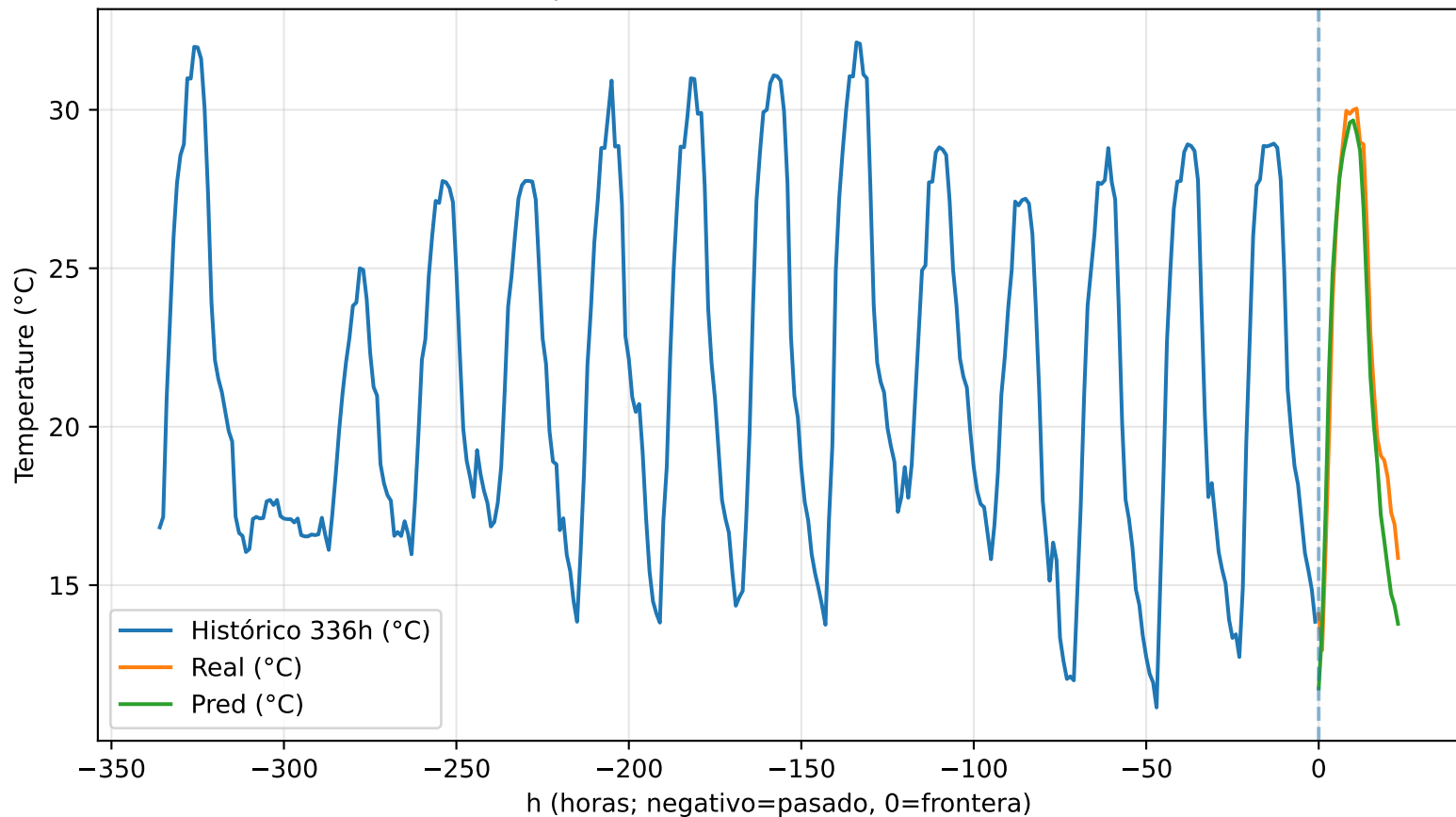Pred (°C)

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

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

Histórico 336h (°C)
Real (°C)
Pred (°C)

h (horas; negativo=pasado, 0=frontera)

Temperature (°C)

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

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

Legend:
- Histórico 336h (°C)
- Real (°C)
- Pred (°C)

x-axis: h (horas; negativo=pasado, 0=frontera)
y-axis: Temperature (°C)