

N-BEATS Multivariable — Resumen

Archivo: data/weatherHistory_normalize.csv

Tiempo: Formatted Date | Objetivo: Temperature (C)_normalized

Features (19): ['h_sin', 'h_cos', 'dow_sin', 'dow_cos', 'doy_sin', 'doy_cos', 'Precip Type_normalized', 'Humidity_n

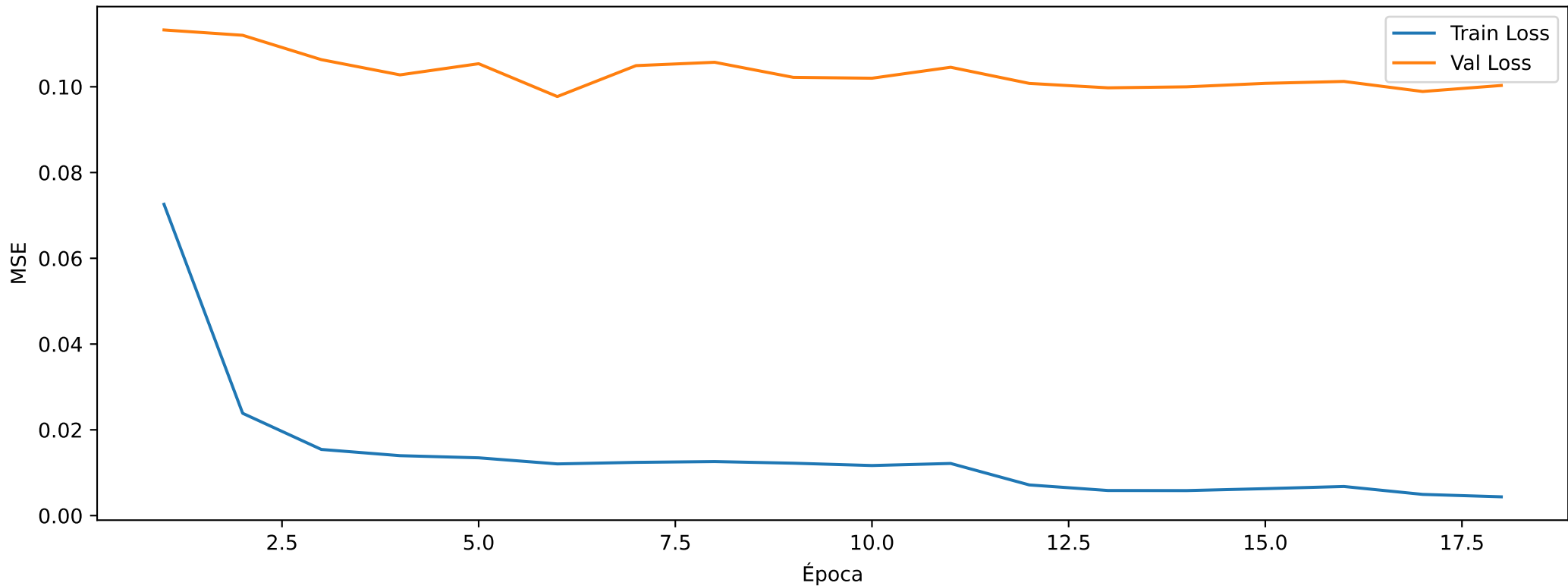
Puntos totales: 96453

Split → Train: 67517 | Val: 14468 | Test: 14468

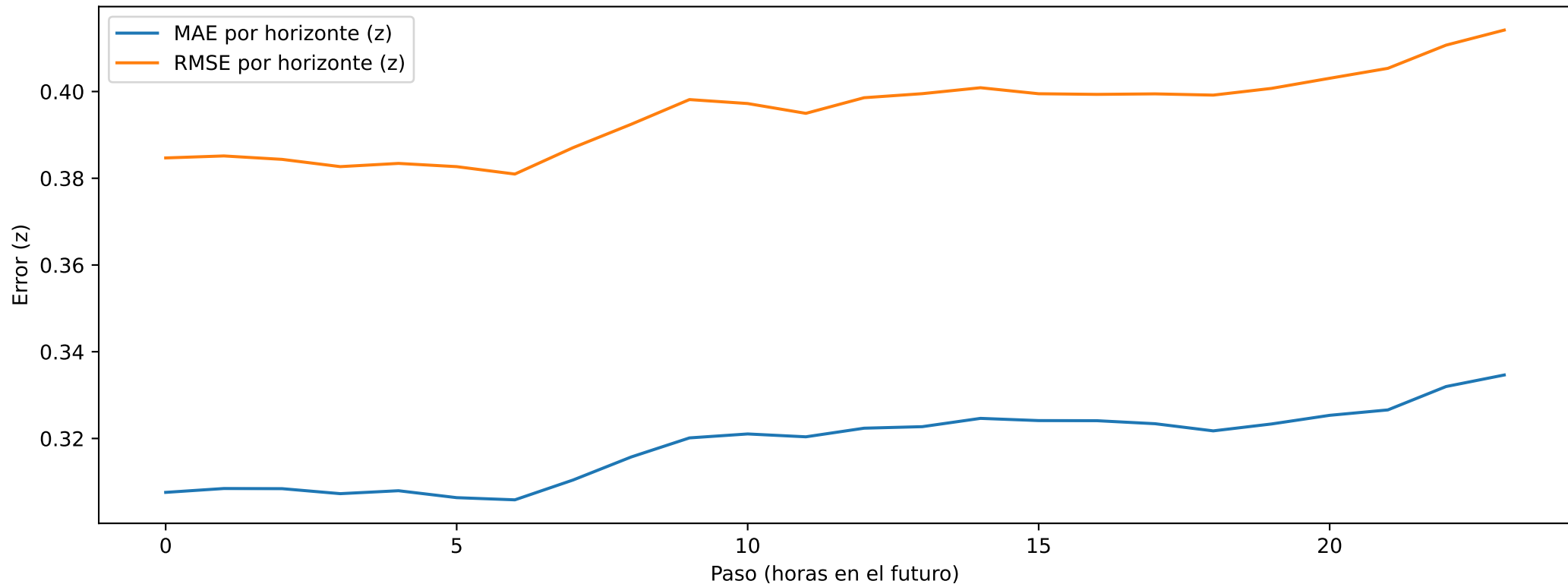
Ventana: H=336 L=24 input_size=6384

Métricas test → MSE: 0.156246 | MAE: 0.3185 | RMSE: 0.3953

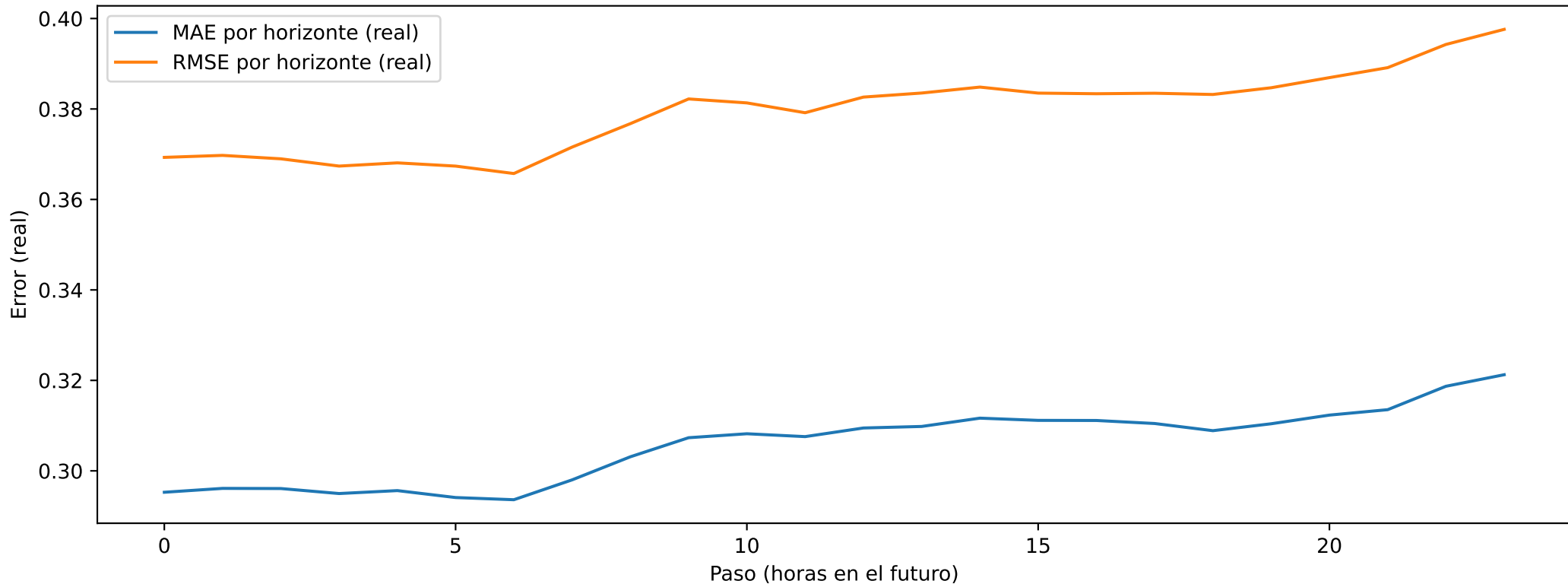
Curvas de aprendizaje



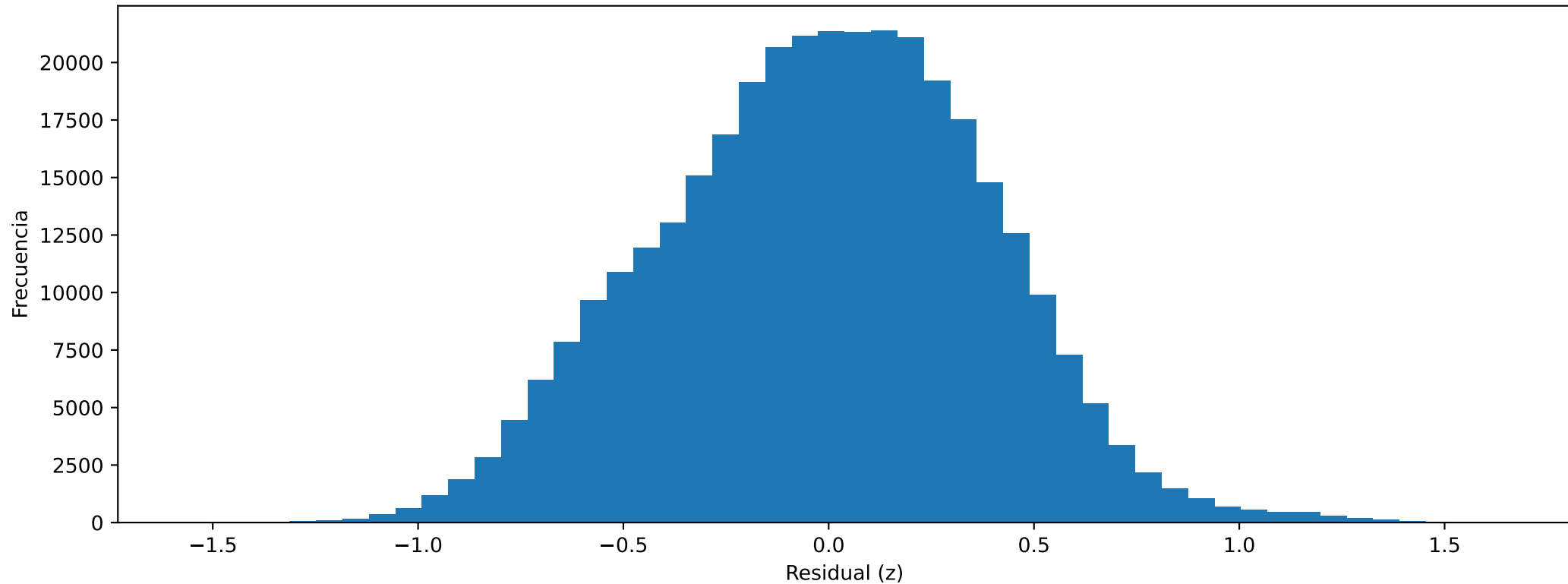
Error por paso del horizonte (test, z-score)



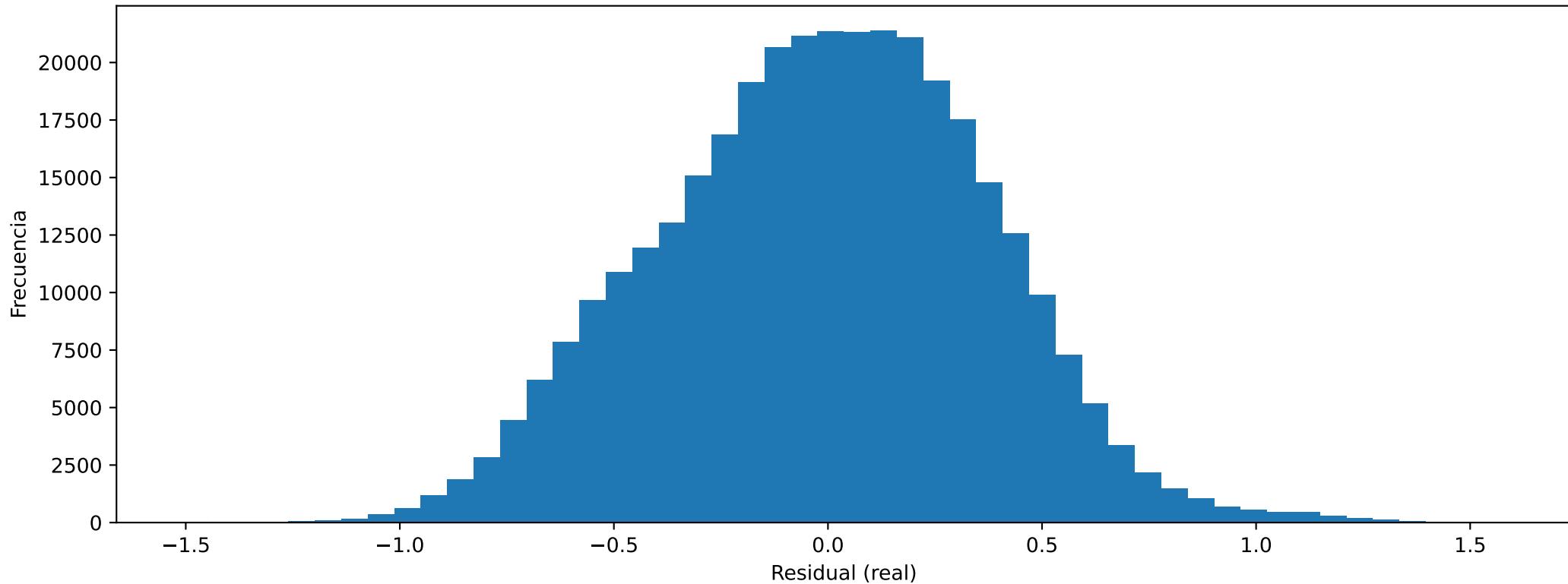
Error por paso del horizonte (test, escala real)



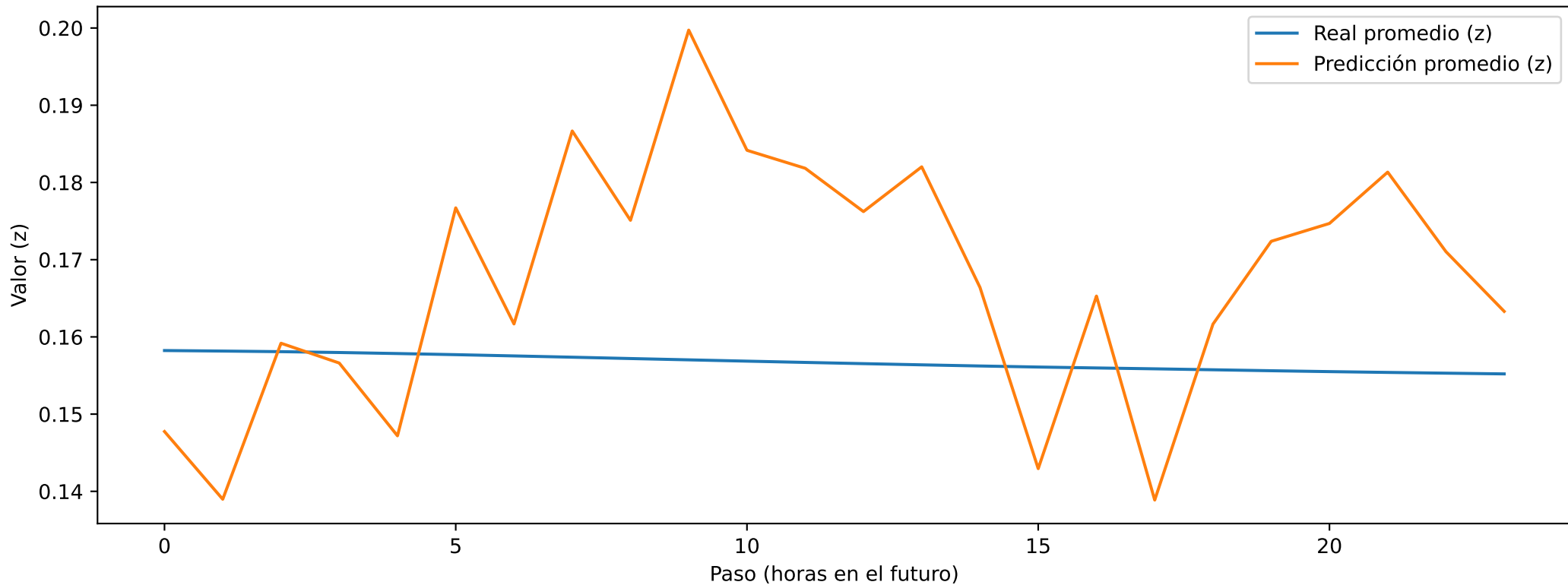
Distribución de residuales (test, z-score)



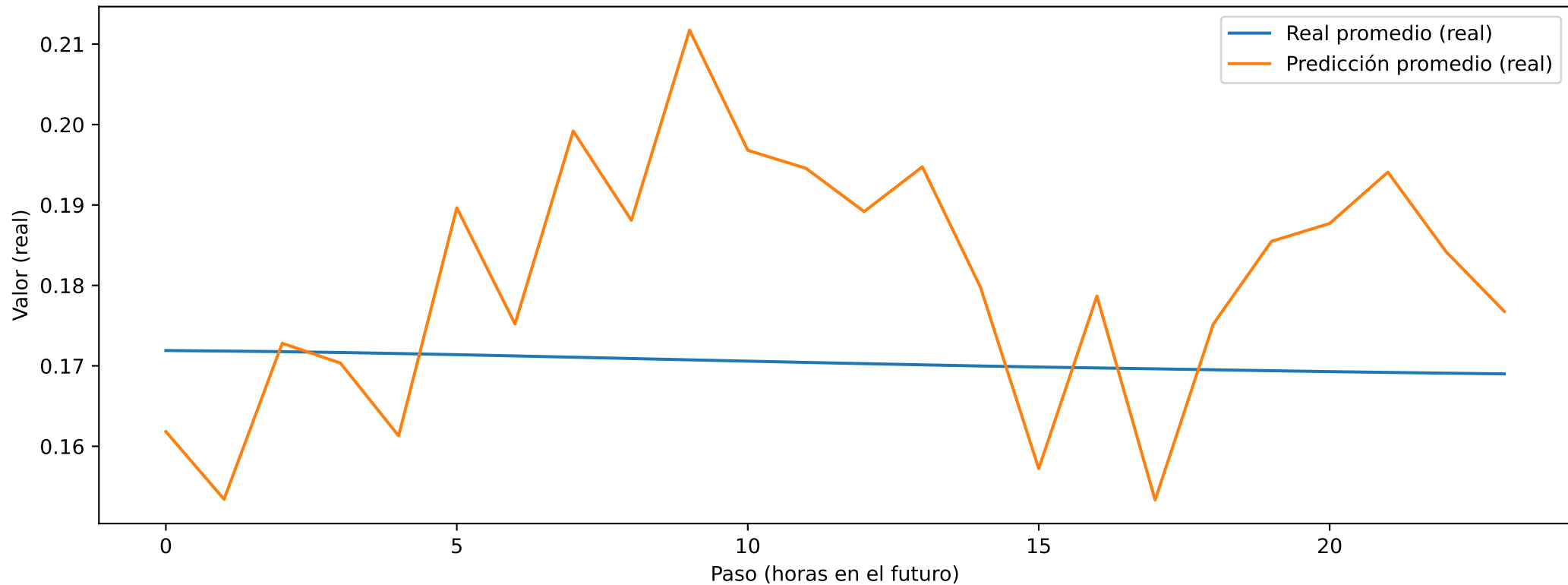
Distribución de residuales (test, real)



Promedio por paso del horizonte (test, z-score)



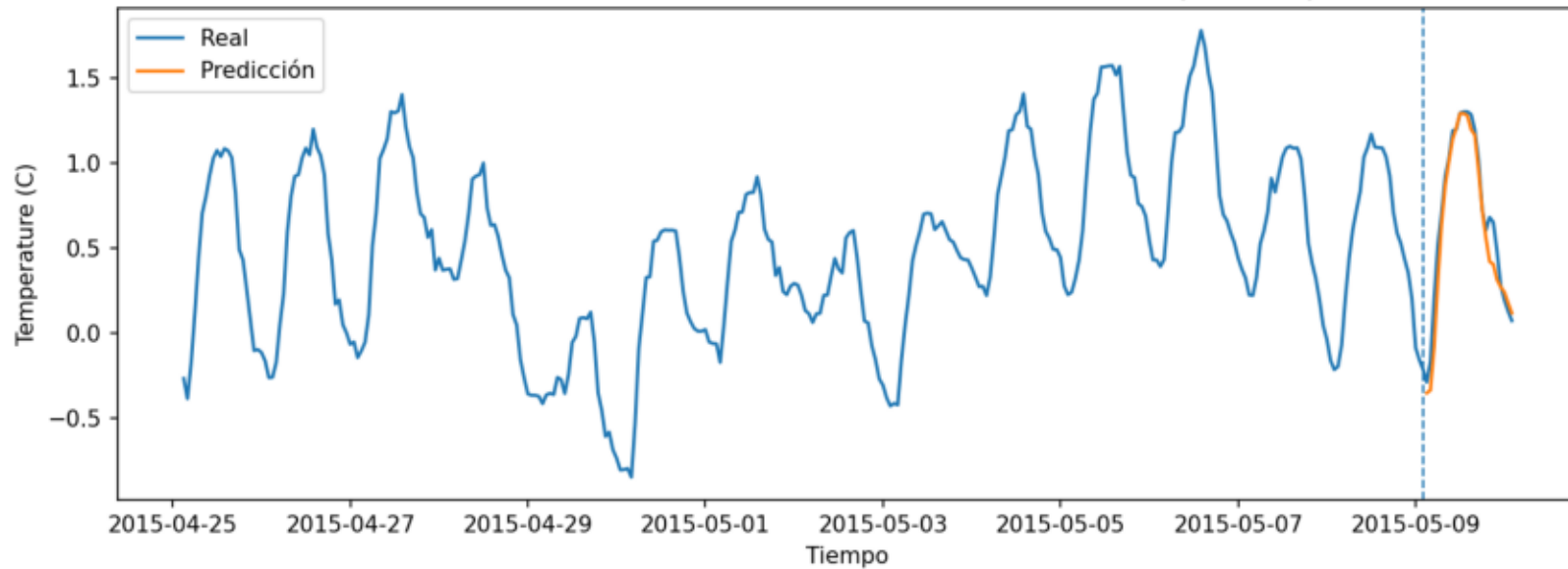
Promedio por paso del horizonte (test, real)

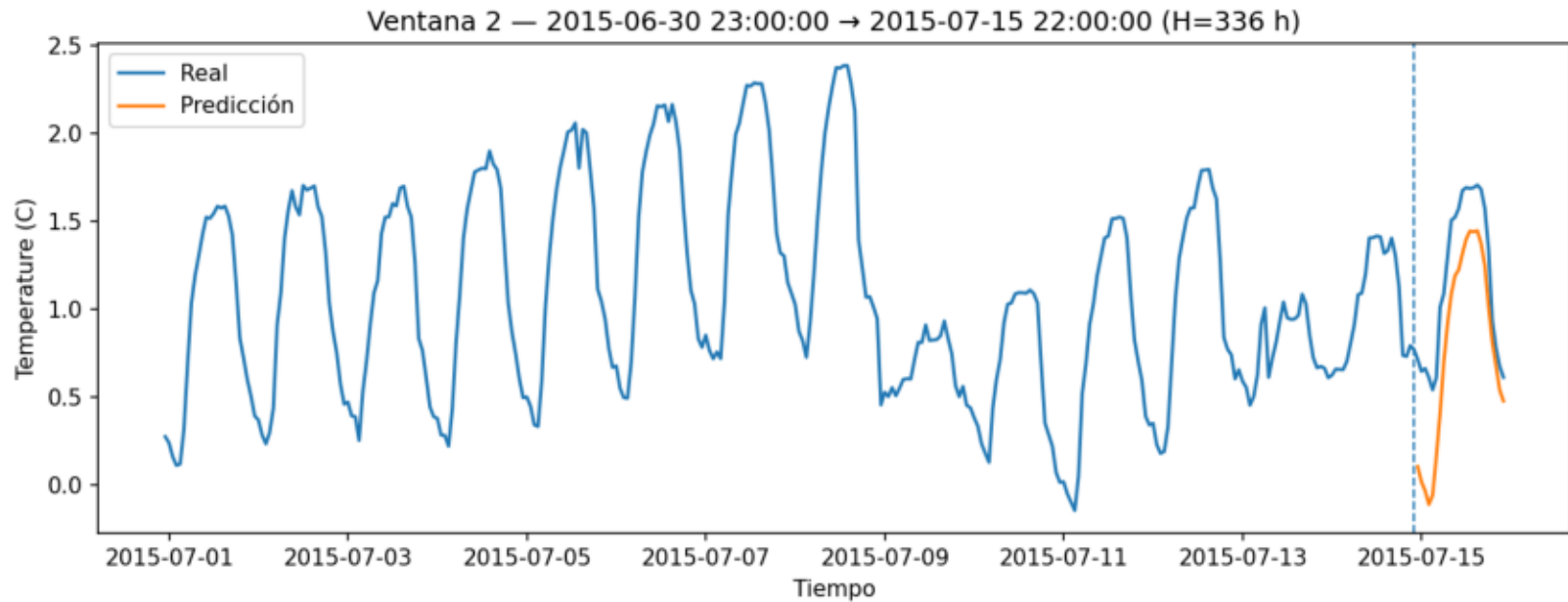


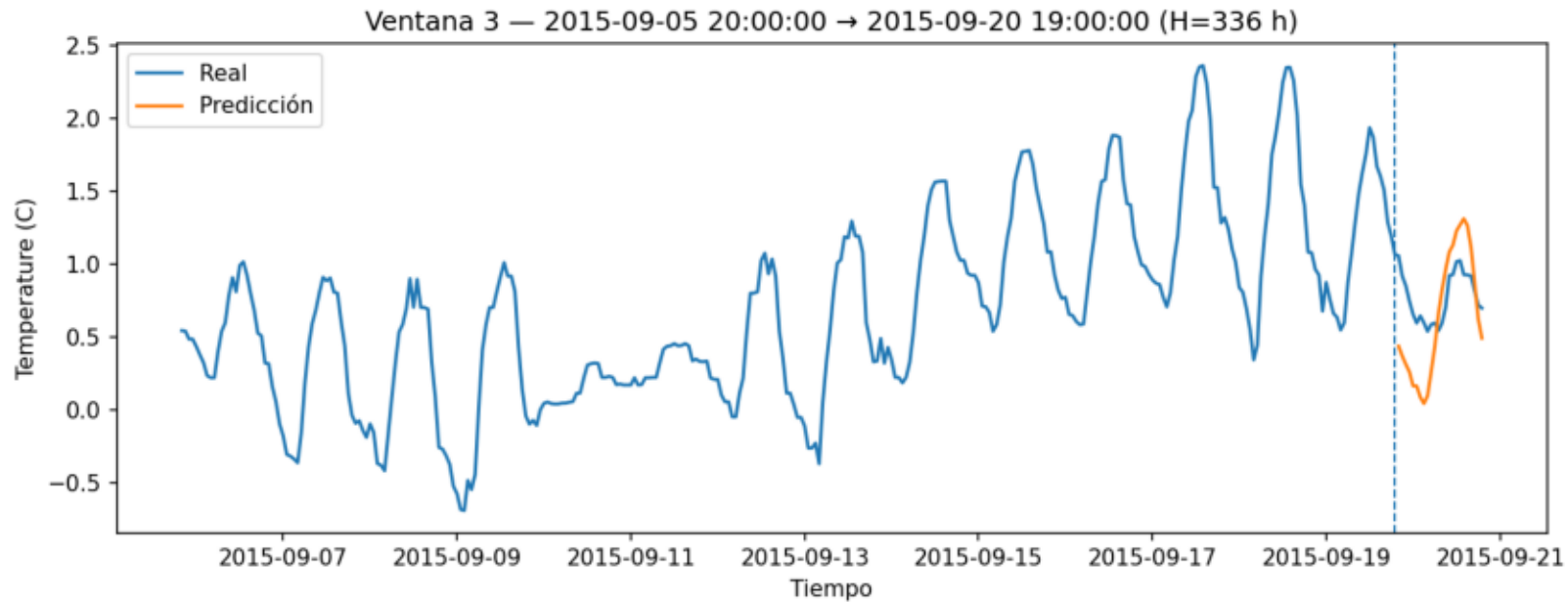
Importancia de variables (TOP-K)

	Δ MSE	Δ MSE %
	0.554151	567.070117
ring_cos	0.048638	49.771578
pe_normalized	0.036932	37.79285
_normalized	0.026668	27.290217
eed (km/h)_normalized	0.023515	24.06293

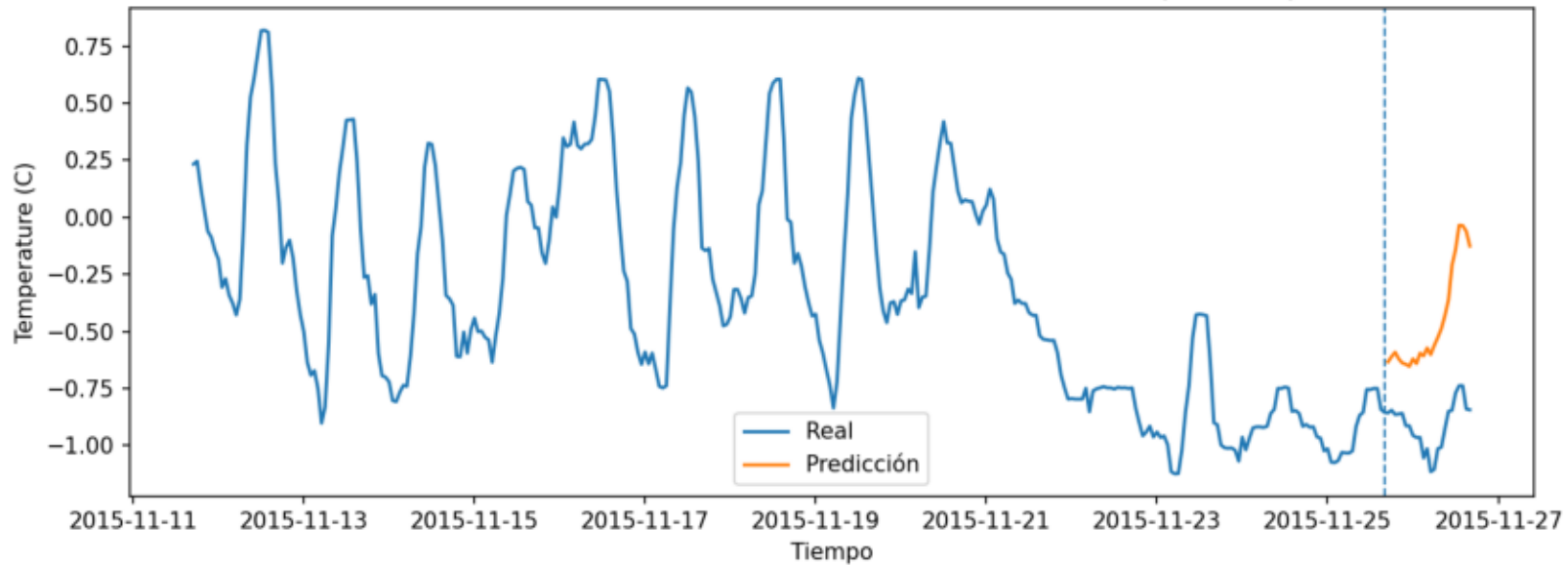
Ventana 1 — 2015-04-25 03:00:00 → 2015-05-10 02:00:00 (H=336 h)







The graph displays temperature data over time. The y-axis represents Temperature in degrees Celsius (C), ranging from -1.00 to 0.75. The x-axis represents Time (Tiempo), spanning from 2015-11-11 to 2015-11-27. A vertical dashed line at approximately 2015-11-25 separates the 'Real' (blue line) data from the 'Predicción' (orange line) data. The 'Real' data shows significant fluctuations, with peaks around 0.75°C and troughs around -0.9°C. The 'Predicción' data shows a sharp increase from approximately -0.6°C to -0.1°C by 2015-11-27.



Ventana 5 — 2016-01-17 14:00:00 → 2016-02-01 13:00:00 (H=336 h)

