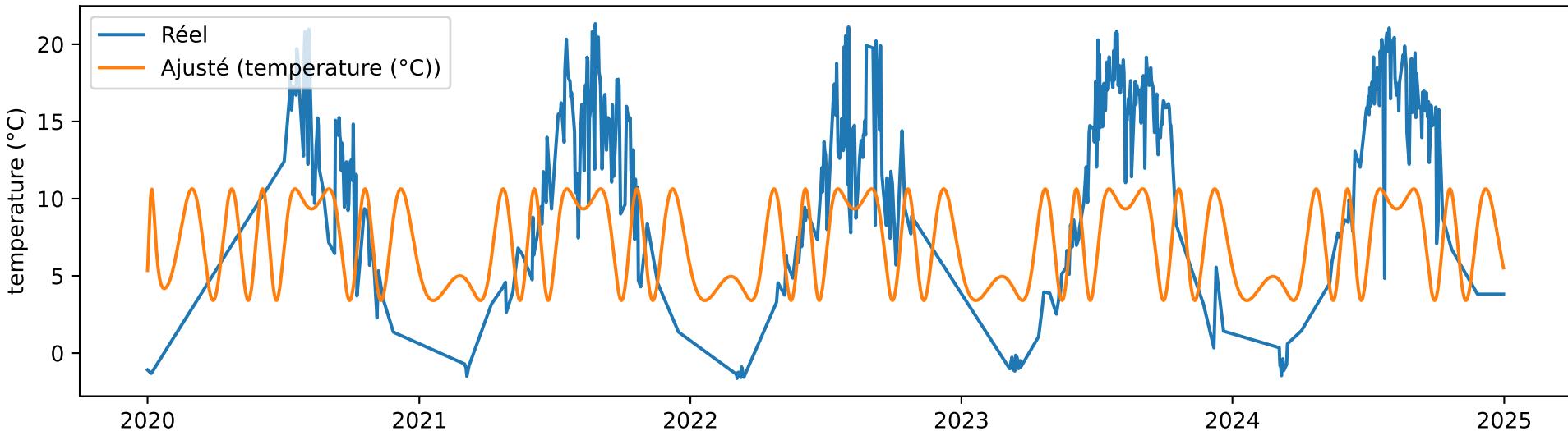
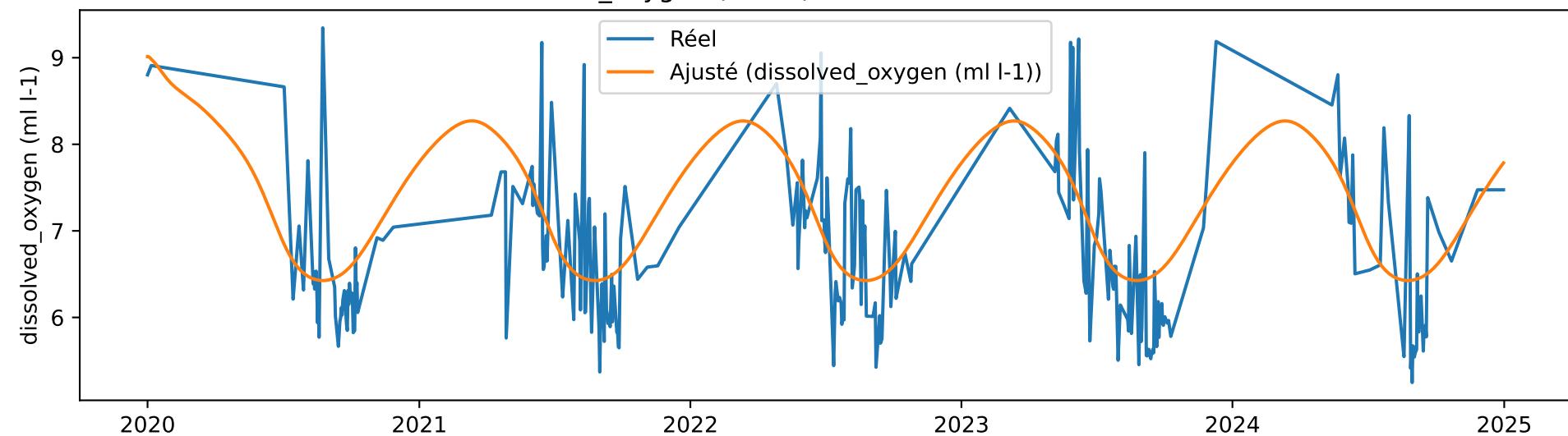


temperature (°C) — RMSE=5.516 R2=0.187



dissolved_oxygen (ml l-1) — RMSE=0.646 R2=0.538



Résultats LSTM multivarié (après ajustement sinusoïdal)

Période entraînement : 2000-02-16 -> 2019-12-31

Période test : 2020-01-01 -> 2024-12-31

Metrics et paramètres par variable :

- temperature (°C): RMSE=5.5162, R2=0.1874 (a=3.613725, b=1.130148, c=-0.871325, d=7.020844, R2_fit=0.1874)
- dissolved_oxygen (ml l-1): RMSE=0.6456, R2=0.5376 (a=1.894392, b=0.867040, c=0.309281, d=7.118940, R2_fit=0.5376)