v offset MSF 9.368 1.336 5.564 9.635 5.96 3.388 5.96 8.345 1.051 $\times 10^{-2} \times 10^{-5} \times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-3} \times 10^{-8} \times 10^{-2} 10$ $\times 10^{-1} \times 10^{-8} \times 10^{-7} 10$ $\times 10^{-4} \times 10^{-3} 10$ 2.099 8.514 1.336 3.181 1.625 9.635 1.816 5.507 1.051 4.172 3.668 8.345 $\times 10^{-1} \times 10^{-2}$ 1.0 ×10⁻¹ $\times 10^{-2} \times 10^{-3}$ 1.0 ×10−³ $\times 10^{-3} \times 10^{-2} 10$ ×10-2 $\times 10^{-7} \times 10^{-2}$ 1.0 $\times 10^{-7}$ 5.96 6.313 8.514 2.211 5.072 1.625 5.564 5.507 5.96 5.96 3.668 5.96 $\times 10^{-4}$ 1.0 $\times 10^{-3}$ 1.0 $\times 10^{-8}$ 1.0 $\times 10^{-8}$ 1.0 ×10⁻⁸ $\times 10^{-2} \times 10^{-5}$ ×10⁻³ ×10⁻⁴ $\times 10^{-2} \times 10^{-8}$ $\times 10^{-2}$ 6.313 2.099 4.826 5.072 3.181 9.368 4.172 3.388 5.96 1.816 | 5.579 5.96 $\times 10^{-4} \times 10^{-1} \times 10^{-2}$ 1.0 $\times 10^{-3} \times 10^{-2} \times 10^{-1}$ $\times 10^{-8} \times 10^{-3} \times 10^{-3}$ $\times 10^{-8} \times 10^{-7} \times 10^{-1}$ 1.0 10 1.0 Forecasting time 2 s Forecasting time 3 s Forecasting time 4 s Forecasting time 5 s 5.96 5.96 $\times 10^{-8} \times 10^{-8} \times 10^{-8} 10^{-8}$ $\times 10^{-8} \times 10^{-8} \times 10^{-8} 10^{-8}$ $\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0 - UniTS 5.96 8.532 5.96 5.96 5.077 5.96 5.96 8.532 5.96 $\times 10^{-8} \times 10^{-1}$ 1.0 $\times 10^{-8} \times 10^{-1}$ 1.0 ×10⁻⁸ $\times 10^{-8} \times 10^{-1}$ 10 ×10−8 ×10⁻⁸ LSTM Third 5.96 5.077 5.96 5.96 5.96 8.532 5.96 8.532 5.96 $\times 10^{-8}$ 1.0 ×10⁻⁸ $\times 10^{-8}$ 1.0 $\times 10^{-8}$ 1.0 $\times 10^{-8}$ $\times 10^{-1}$ $\times 10^{-}$ ×10−8 $\times 10^{-1}$ **GRU Reference** 5.96 5.96 5.96 5.96 5.96 5.96 5.96 5.96 5.96 ×10⁻⁸ ×10⁻⁸ 1.0 $\times 10^{-8}$ 1.0 $\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0 $\times 10^{-8} \times 10^{-8} \times 10^{-8}$ GRU Att 2

Forecasting time 30 s

Forecasting time 20 s

Forecasting time 10 s