	2.785 3.525 8.804	9.032 2.508 7.548	1.908 8.081 4.261	2.563 8.345 8.822
	$\times 10^{-3} \times 10^{-1} \times 10^{-5}$ 1.0	$\times 10^{-2} \times 10^{-3} \times 10^{-2}$ 1.0	$\times 10^{-1} \times 10^{-4} \times 10^{-1}$ 1.0	$\times 10^{-6} \times 10^{-7} \times 10^{-3} 1.0$
x and y offset Euclidean distance	1.355 3.278 8.804	9.578 1.83 /.548	5.965 2.871 4.261	1.014 7.498 8.822
	$\times 10^{-2} \times 10^{-6} 1.0 \times 10^{-5}$	$\times 10^{-1} \times 10^{-5} 1.0 \times 10^{-2}$	$\times 10^{-1} \times 10^{-4} 1.0 \times 10^{-1}$	$\times 10^{-1} \times 10^{-5} 1.0 \times 10^{-3}$
	2.498 3.278 3.525	5.388 1.83 2.508	8.081 2.8/1 8.081	7.548 7.498 8.345
	$\times 10^{-4}$ 1.0 $\times 10^{-6}$ $\times 10^{-1}$	$\times 10^{-5}$ 1.0 $\times 10^{-5}$ $\times 10^{-3}$	×10 ⁻⁴ 1.0 ×10 ⁻⁴ ×10 ⁻⁴	$\times 10^{-2}$ 1.0 $\times 10^{-5}$ $\times 10^{-7}$
	2.498 1.355 2.785 1.0 $\times 10^{-4} \times 10^{-2} \times 10^{-3}$	5.388 9.578 9.032	8.081 5.965 1.908 $\times 10^{-4} \times 10^{-1} \times 10^{-1}$	7.548 1.014 2.563
	1.0 $\times 10^{-4} \times 10^{-2} \times 10^{-3}$	1.0 $\times 10^{-5} \times 10^{-1} \times 10^{-2}$	1.0 $\times 10^{-4} \times 10^{-1} \times 10^{-1}$	$1.0 \times 10^{-2} \times 10^{-1} \times 10^{-6}$
	Forecasting time 2 s	Forecasting time 3 s	Forecasting time 4 s	Forecasting time 5 s
	5.96 5.96 5.96	5.96 5.96 5.96	5.96 5.96 5.96	
	×10 ⁻⁸ ×10 ⁻⁸ ×10 ⁻⁸ 1.0	$\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0	$\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0	
	1.192 2.025 5.96	4.261 6.557 5.96	8.74 6.721 5.96	
	$\times 10^{-7} \times 10^{-3} 1.0 \times 10^{-8}$	$\times 10^{-1} \times 10^{-6} 1.0 \times 10^{-8}$	$\times 10^{-1} \times 10^{-1} 1.0 \times 10^{-8}$	
	2.025 5.96	1.132 6.55/ 5.96	6.338 6.721 5.96	
	$\times 10^{-7}$ 1.0 $\times 10^{-3}$ $\times 10^{-8}$	$\times 10^{-6}$ 1.0 $\times 10^{-6}$ $\times 10^{-8}$	$\times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	
	1.192 1.192 5.96	1.132 4.261 5.96	6.338 8.74 5.96 1.0 $\times 10^{-1} \times 10^{-1} \times 10^{-8}$	
	1.0 $\times 10^{-7} \times 10^{-7} \times 10^{-8}$	1.0 $\times 10^{-6} \times 10^{-1} \times 10^{-8}$	1.0 $\times 10^{-1} \times 10^{-1} \times 10^{-8}$	
	Forecasting time 10 s	Forecasting time 20 s	Forecasting time 30 s	
Speed, heading, and time Euclidean distance	5.96 5.96 5.96	5.96 5.96 5.96	5.96 5.96 5.96	5.96 5.96 5.96
	×10 ⁻⁸ ×10 ⁻⁸ ×10 ⁻⁸ 1.0	$\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0	$\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0	$\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0
	4.418 5.077 5.96	Z.521 9.032 5.96	8.325 3.81 5.96	6.726 1.014 5.96
	$\times 10^{-1} \times 10^{-1} 1.0 \times 10^{-8}$	$\times 10^{-1} \times 10^{-2} 1.0 \times 10^{-8}$	$\times 10^{-1} \times 10^{-1} 1.0 \times 10^{-8}$	$\times 10^{-3} \times 10^{-1} 1.0 \times 10^{-8}$
	9.789 5.077 5.96	1.409 9.032 5.96	7.712 3.81 5.96	3.123
	$\times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	$\times 10^{-1}$ 1.0 $\times 10^{-2}$ $\times 10^{-8}$	×10 ⁻¹ 1.0 ×10 ⁻¹ ×10 ⁻⁸	$\times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$
	9.789 4.418 5.96	1.409 2.521 5.96	7.712 8.325 5.96	3.123 6.726 5.96
	1.0 $\times 10^{-1} \times 10^{-1} \times 10^{-8}$	$1.0 \times 10^{-1} \times 10^{-1} \times 10^{-8}$	1.0 $\times 10^{-1} \times 10^{-1} \times 10^{-8}$	1.0 $\times 10^{-1} \times 10^{-3} \times 10^{-8}$
	Forecasting time 2 s	Forecasting time 3 s	Forecasting time 4 s	Forecasting time 5 s
	5.96 5.96 5.96	5.96 5.96 5.96	2.498 5.96 2.98	
	×10 ⁻⁸ ×10 ⁻⁸ ×10 ⁻⁸ 1.0	$\times 10^{-8} \times 10^{-8} \times 10^{-8}$ 1.0	×10-4 ×10-8 ×10-7 4 6	UniTS
	5.96 1.472 5.96	2.025 7.31 5.96	7.098 2.2 2.98	
	$\times 10^{-7} \times 10^{-2} 1.0 \times 10^{-8}$	$\times 10^{-3} \times 10^{-1} 1.0 \times 10^{-8}$	$\times 10^{-2} \times 10^{-1} 1.0 \times 10^{-7}$	GRU Att 4
	1.623	9.635 7.31 5.96	3.088 2.2 5.96	
	×10 ⁻⁴ 1.0 ×10 ⁻² ×10 ⁻⁸	$\times 10^{-3}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	×10 ⁻³ 1.0 ×10 ⁻¹ ×10 ⁻⁸	GRU Att 2
	1.623 5.96 5.96	9.635 2.025 5.96	3.088 7.098 2.498	
	$1.0 \times 10^{-4} \times 10^{-7} \times 10^{-8}$	1.0 $\times 10^{-3} \times 10^{-3} \times 10^{-8}$	1.0 $\times 10^{-3} \times 10^{-2} \times 10^{-4}$	GRU Att 1
	Forecasting time 10 s	Forecasting time 20 s	Forecasting time 30 s	