	6.721 1.073 9.119 $\times 10^{-1}$ $\times 10^{-1}$ $\times 10^{-4}$ 1.0	$1.266 \times 10^{-1} \times 10^{-4} \times 10^{-1} \times 10^{-1} \times 10^{-1}$	5.564 1.508 5.507 $\times 10^{-4} \times 10^{-5} \times 10^{-2} 1.0$	1.192 5.96 1.296 $\times 10^{-7} \times 10^{-7} \times 10^{-3} 1.0$
x and y offset MSE				
	$\times 10^{-3}$ $\times 10^{-5}$ 1.0 $\times 10^{-4}$	$\times 10^{-2}$ $\times 10^{-5}$ 1.0 $\times 10^{-1}$	$\times 10^{-2}$ $\times 10^{-5}$ 1.0 $\times 10^{-2}$	1.472 4.542 1.296 $\times 10^{-2}$ $\times 10^{-5}$ 1.0 $\times 10^{-3}$
	1.472 1.234 1.073	1.908 2.664 1.879	5.875 3.815 1.508	3.254 4.542 5.96
	×10 ⁻² 1.0 ×10 ⁻⁵ ×10 ⁻¹	$\times 10^{-1}$ 1.0 $\times 10^{-5}$ $\times 10^{-4}$	$\times 10^{-2}$ 1.0 $\times 10^{-5}$ $\times 10^{-5}$	$\times 10^{-1}$ 1.0 $\times 10^{-5}$ $\times 10^{-7}$
	1.4/2 6.129 6.721 1.0 $\times 10^{-2}$ $\times 10^{-3}$ $\times 10^{-1}$	1.908 4.215 1.266 1.0 $\times 10^{-1} \times 10^{-2} \times 10^{-1}$	5.875 4.826 $5.5641.0 \times 10^{-2} \times 10^{-2} \times 10^{-4}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Forecasting time 2 <i>s</i>	Forecasting time 3 s	Forecasting time 4 s	Forecasting time 5 s
Speed, heading, and time MSE	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5.96 5.96 5.96 $\times 10^{-8}$ $\times 10^{-8}$ 1.0	
	1.788 3.781 5.96	6.338 7.498 5.96	6.528 7.112 5.90	
	$\times 10^{-7} \times 10^{-3} 1.0 \times 10^{-8}$	$\times 10^{-1} \times 10^{-5} 1.0 \times 10^{-8}$	$\times 10^{-1} \times 10^{-1} 1.0 \times 10^{-8}$	
	2.98 3.781 1.788 $\times 10^{-7}$ 1.0 $\times 10^{-3}$ $\times 10^{-7}$	2.064 7.498 5.96 $\times 10^{-5}$ 1.0 $\times 10^{-5}$ $\times 10^{-8}$	8.325 7.112 5.96 $\times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	
	2.98 1.788 5.96	2.004 6.338 5.90	8.325 6.528 5.9 6	
	$1.0 \times 10^{-7} \times 10^{-7} \times 10^{-8}$	1.0 $\times 10^{-5} \times 10^{-1} \times 10^{-8}$	1.0 $\times 10^{-1} \times 10^{-1} \times 10^{-8}$	
	Forecasting time 10 s	Forecasting time 20 <i>s</i>	Forecasting time 30 <i>s</i>	
	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	×10 ⁻⁸ ×10 ⁻⁸ ×10 ⁻⁸ 1.0
	3.000 5.077 5.90 ×10 ⁻¹ ×10 ⁻¹ 1.0 ×10 ⁻⁸	4.578 2.996 5.96 $\times 10^{-1}$ 1.0 $\times 10^{-8}$	6.338 9.368 5.96 $\times 10^{-1} \times 10^{-1}$ 1.0 $\times 10^{-8}$	1.563 5.249 5.96 $\times 10^{-1} \times 10^{-1}$ 1.0 $\times 10^{-8}$
			6.915 9.368 5.9 6	
	$\times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	$\times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	×10 ⁻¹ 1.0 ×10 ⁻¹ ×10 ⁻⁸	7.31 $\times 10^{-1}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$
	4.108 3.666 5.96	4.108 4.578 5.96	6.915 6.338 5.96	7.31 1.503 5.90
	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 $\times 10^{-1} \times 10^{-1} \times 10^{-8}$
	Forecasting time 2 s	Forecasting time 3 s	Forecasting time 4 s	Forecasting time 5 s
	5.96 5.96 5.96 ×10 ⁻⁸ ×10 ⁻⁸ ×10 ⁻⁸ 1.0	5.96 5.96 5.96 $\times 10^{-8}$ $\times 10^{-8}$ $\times 10^{-8}$ 1.0	1.155 5.96 2.498 ×10 ⁻³ ×10 ⁻⁸ ×10 ⁻⁴ 1.0	
				JniTS
	$\times 10^{-6} \times 10^{-1} 1.0 \times 10^{-8}$	8.069 7.915 5.96 $\times 10^{-3}$ $\times 10^{-1}$ 1.0 $\times 10^{-8}$	×10 ⁻¹ ×10 ⁻¹ 1.0 ×10 ⁻⁴ - (GRU Att 4
	1./31 1.266 5.96	4.512 7.915 5.96	3./81 1.908 5.96	
	$\times 10^{-2}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	$\times 10^{-2}$ 1.0 $\times 10^{-1}$ $\times 10^{-8}$	×10 ⁻³ 1.0 ×10 ⁻¹ ×10 ⁻⁸ - (GRU Att 2
	1.731 6.557 5.96 1.0 $\times 10^{-2}$ $\times 10^{-6}$ $\times 10^{-8}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3./81 1.014 1.155 $\times 10^{-3} \times 10^{-1} \times 10^{-3}$ _ (GRU Att 1
	Forecasting time 10 s	Foregoating time 20 c		
	Forecasting time 10 s	Forecasting time 20 s	Forecasting time 30 s	