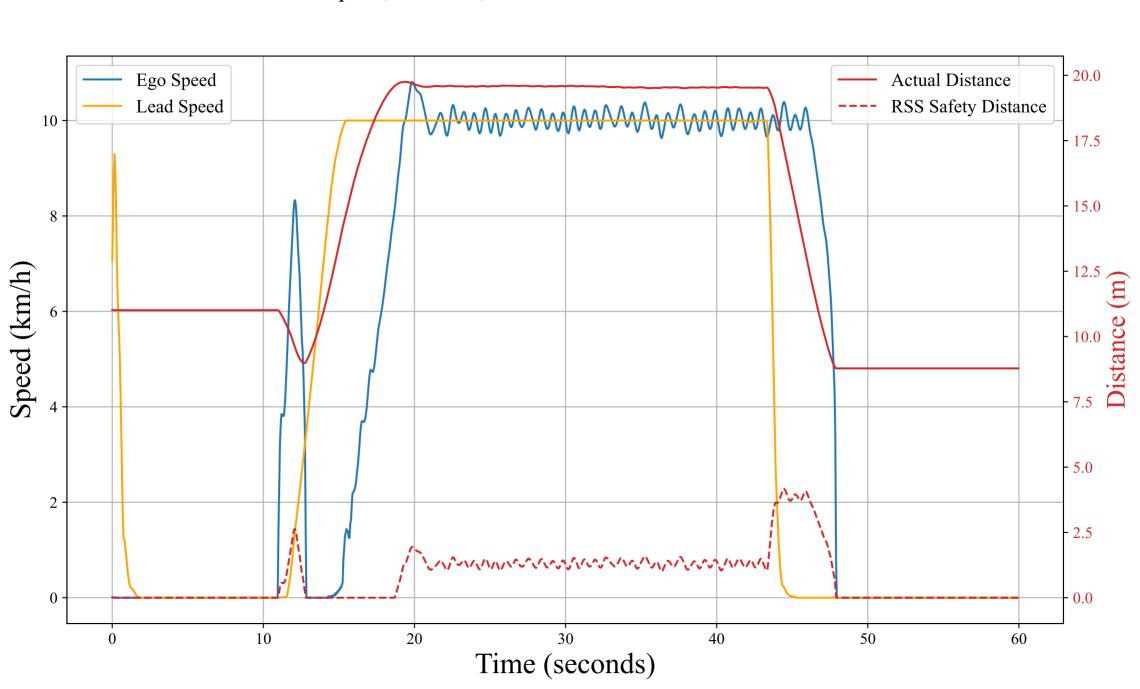
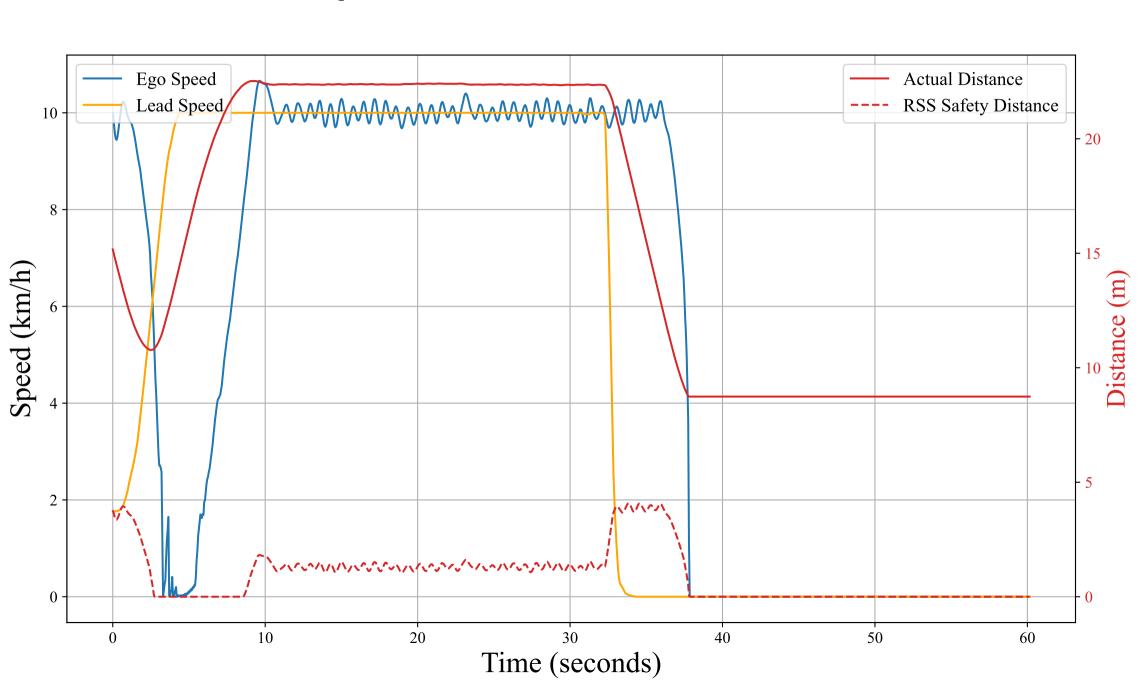
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



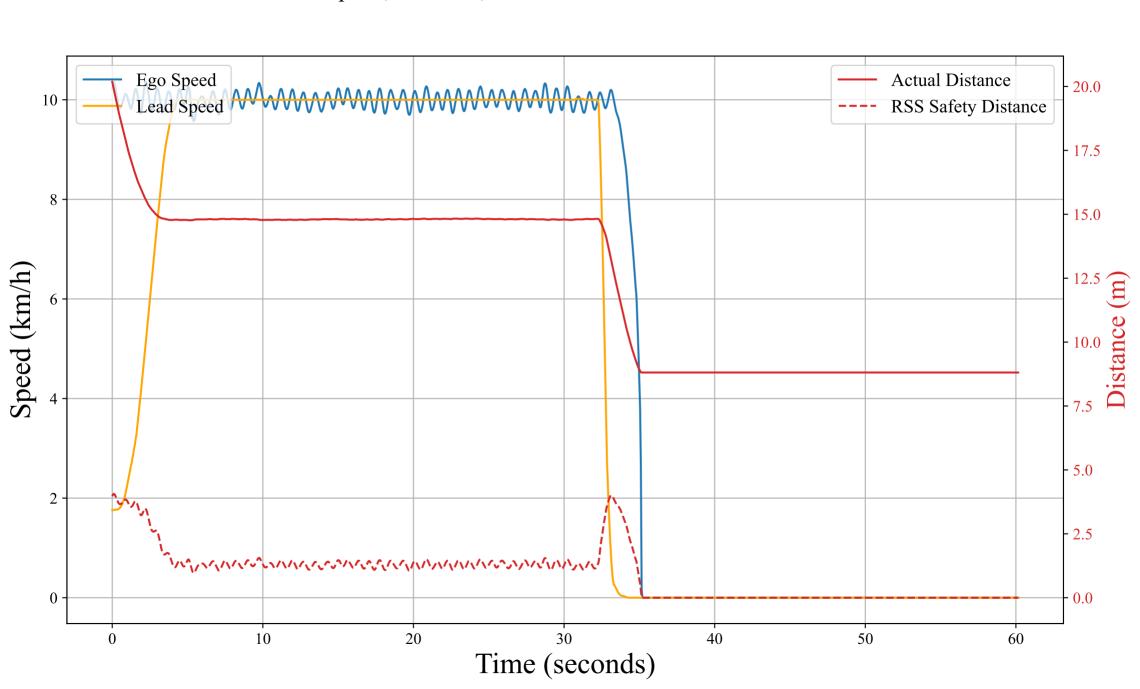
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time 3 · Jerk (m/s³) -2-3Ego Vehicle Jerk (1 Hz) 20 50 10 30 40 60 Time (seconds)

Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



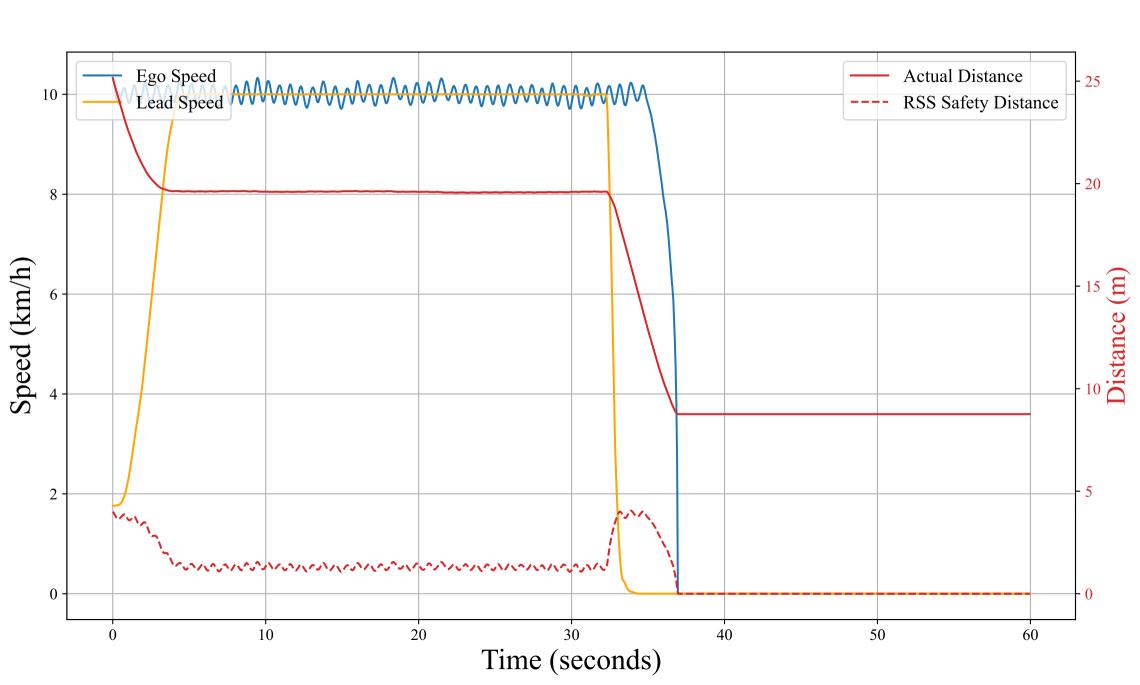
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 $Jerk (m/s^3)$ -0.5-1.010 30 20 0 40 50 60 Time (seconds)

Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



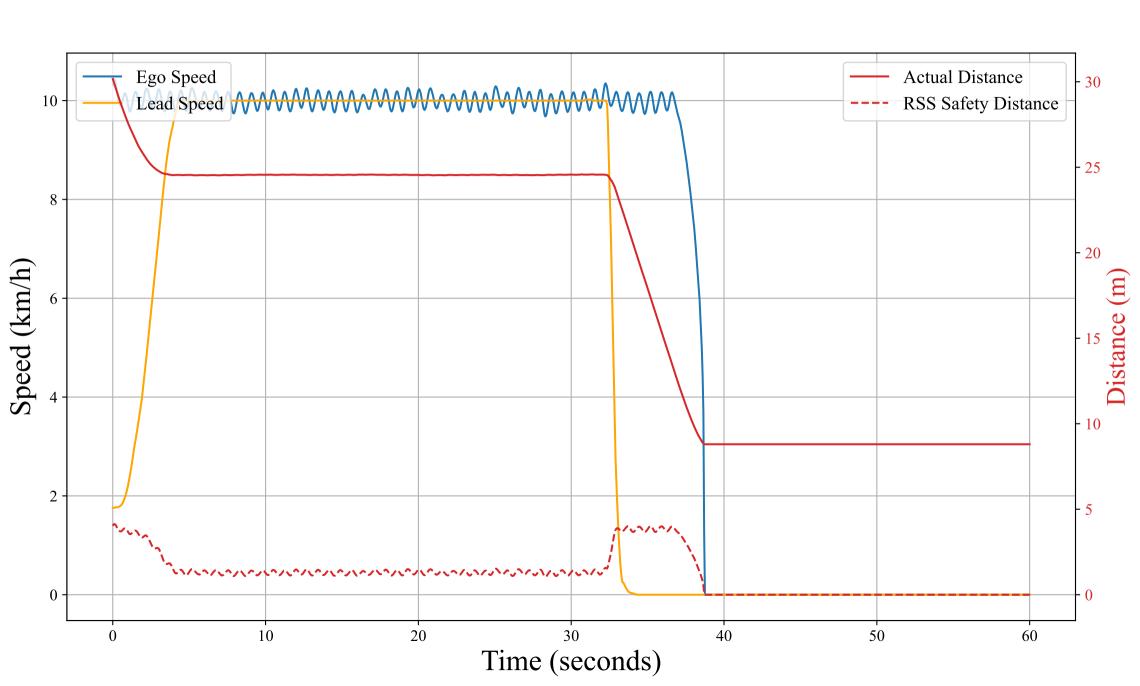
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



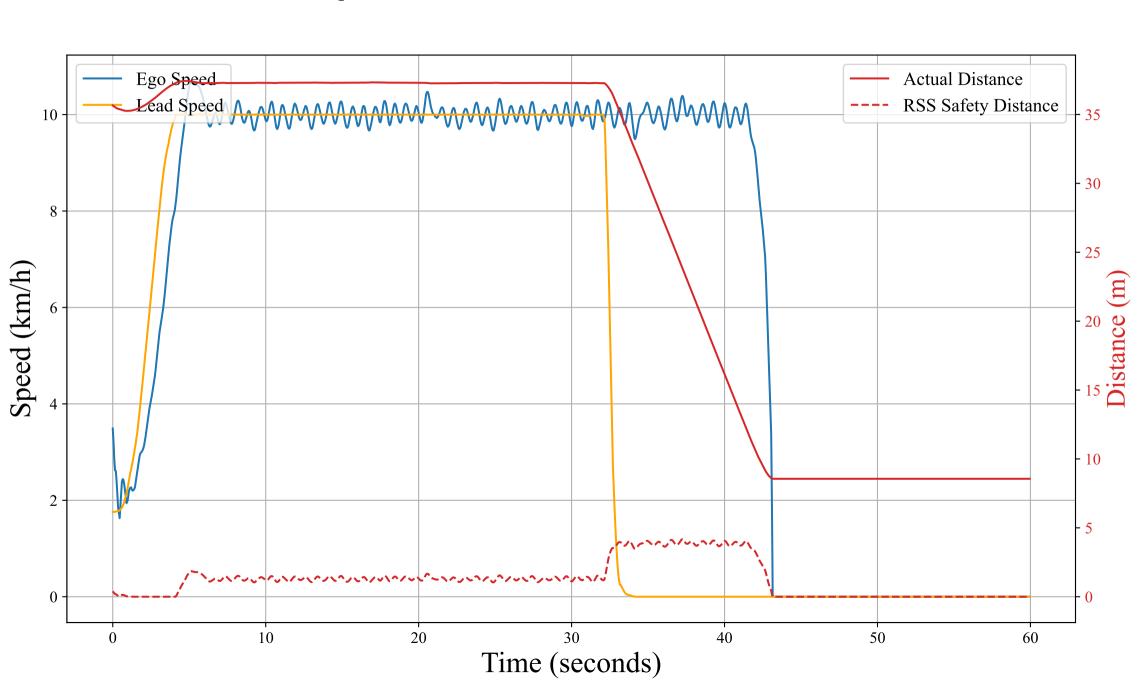
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -310 20 50 30 40 60 Time (seconds)

Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



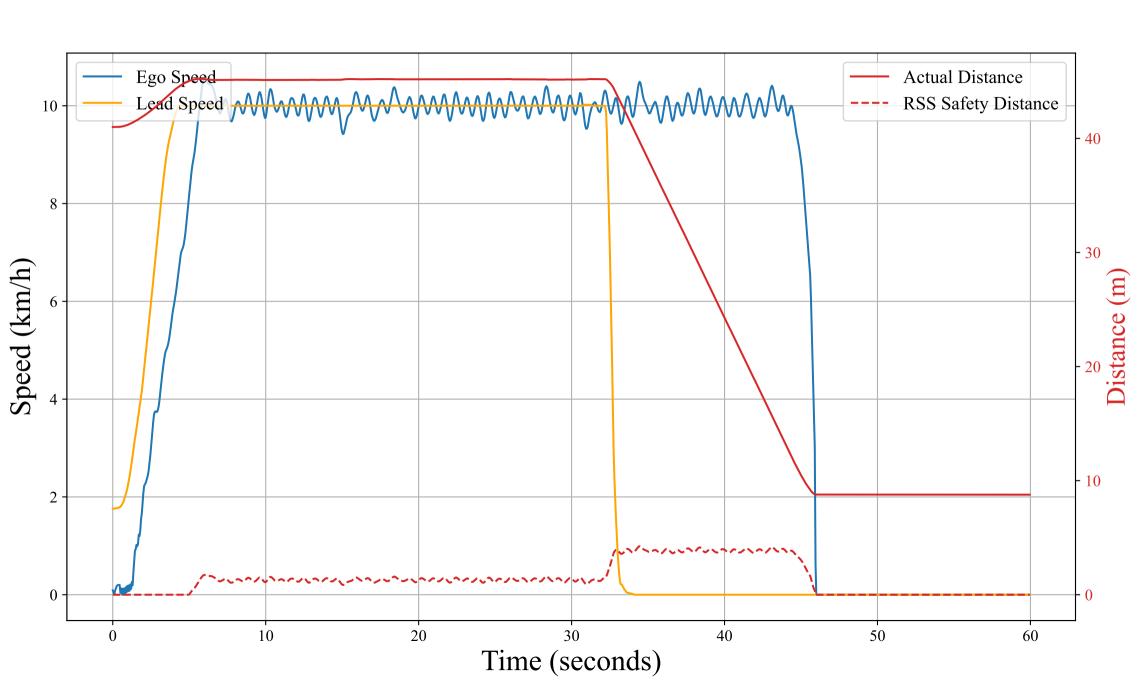
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.4 0.2 $Jerk (m/s^3)$ -0.2-0.410 20 30 50 0 40 60 Time (seconds)

Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



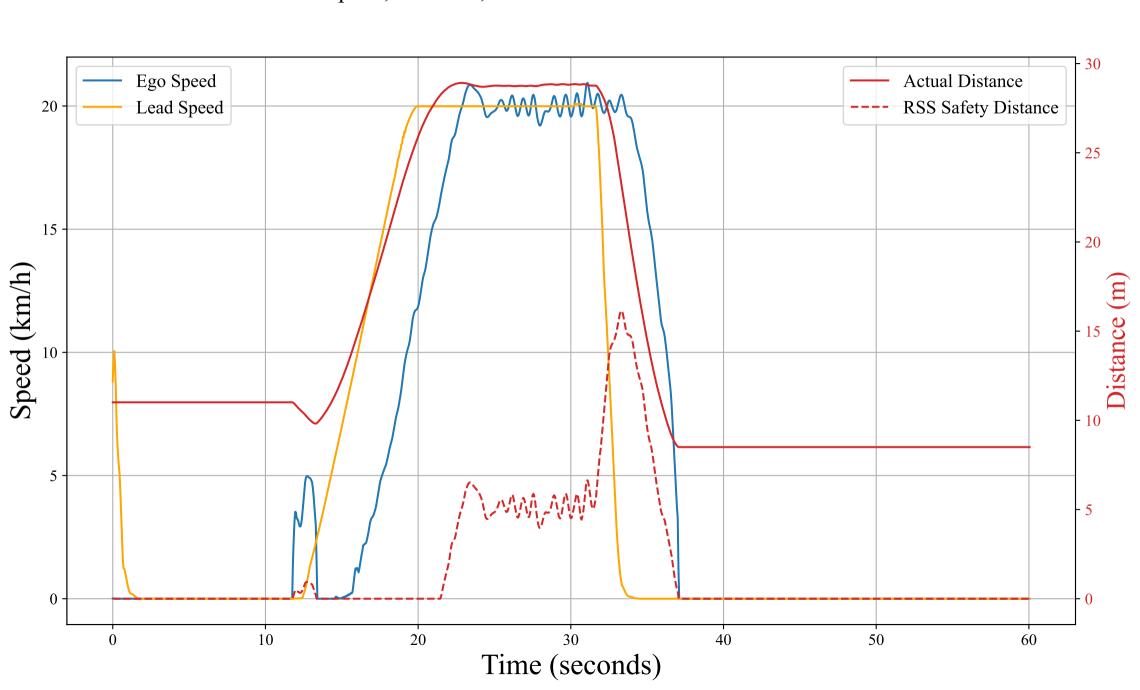
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2-310 20 50 30 40 60 Time (seconds)

Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



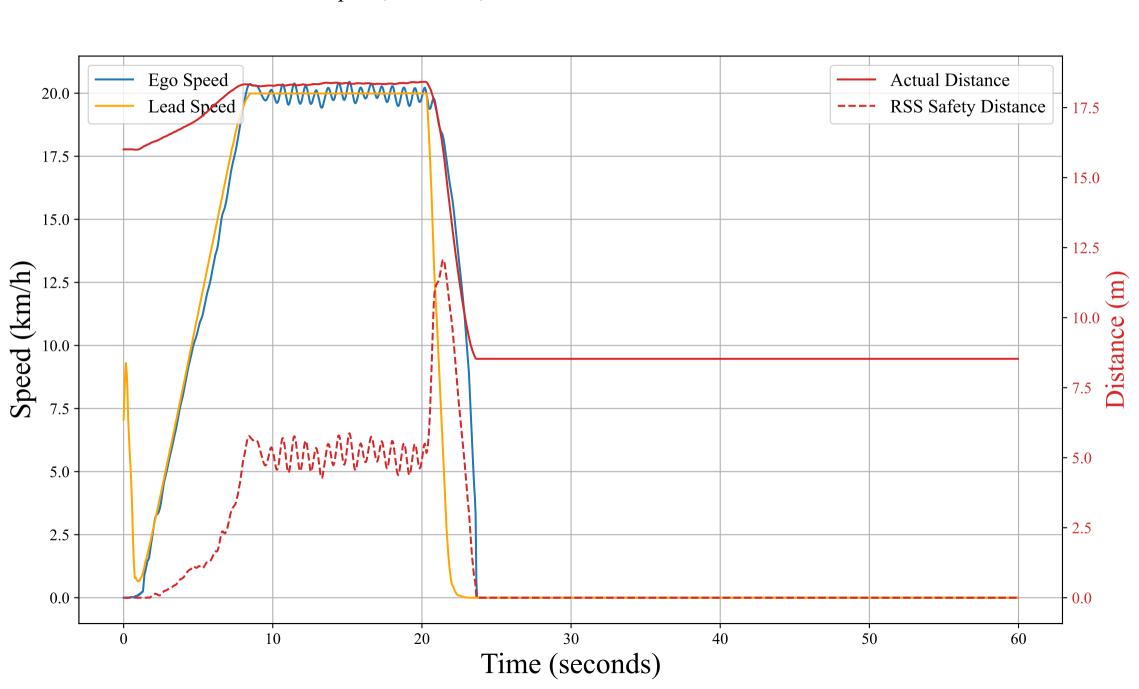
Ego Vehicle Speed=10 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -320 10 50 30 40 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



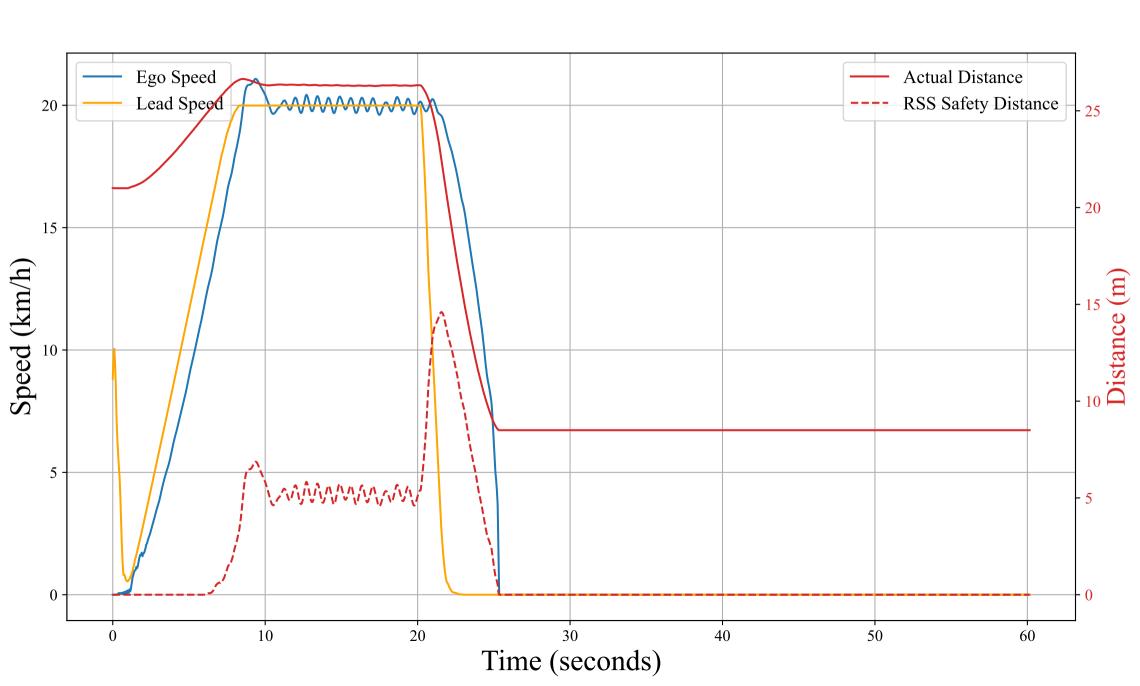
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) **-**2 -3**-4** 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



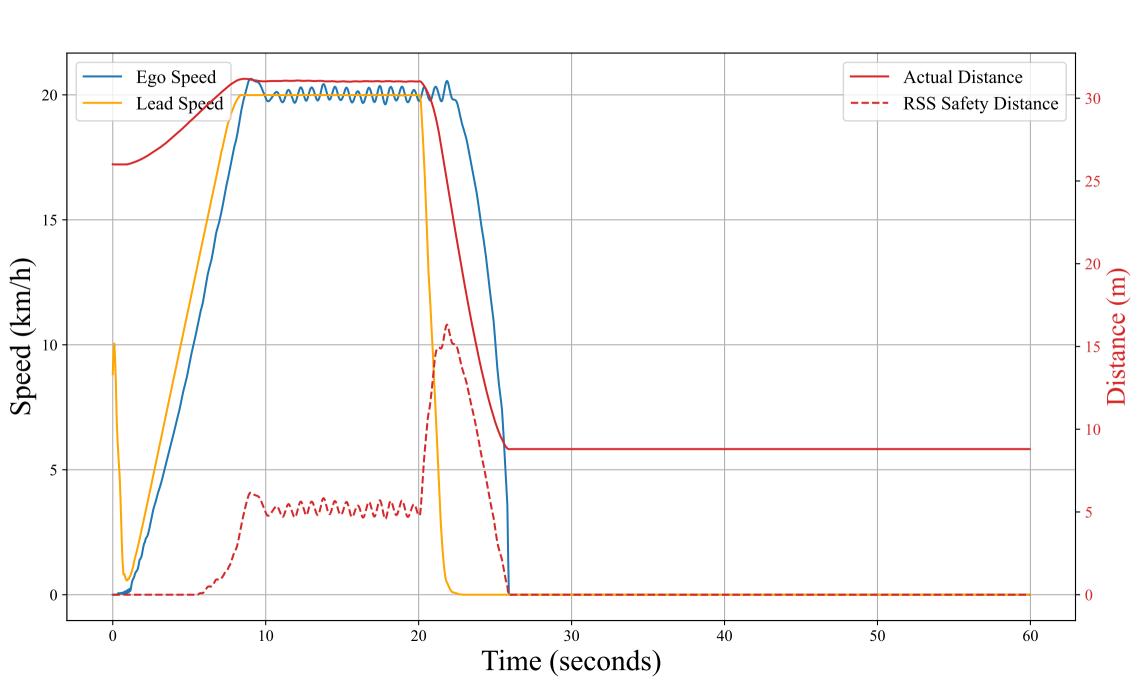
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.020 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



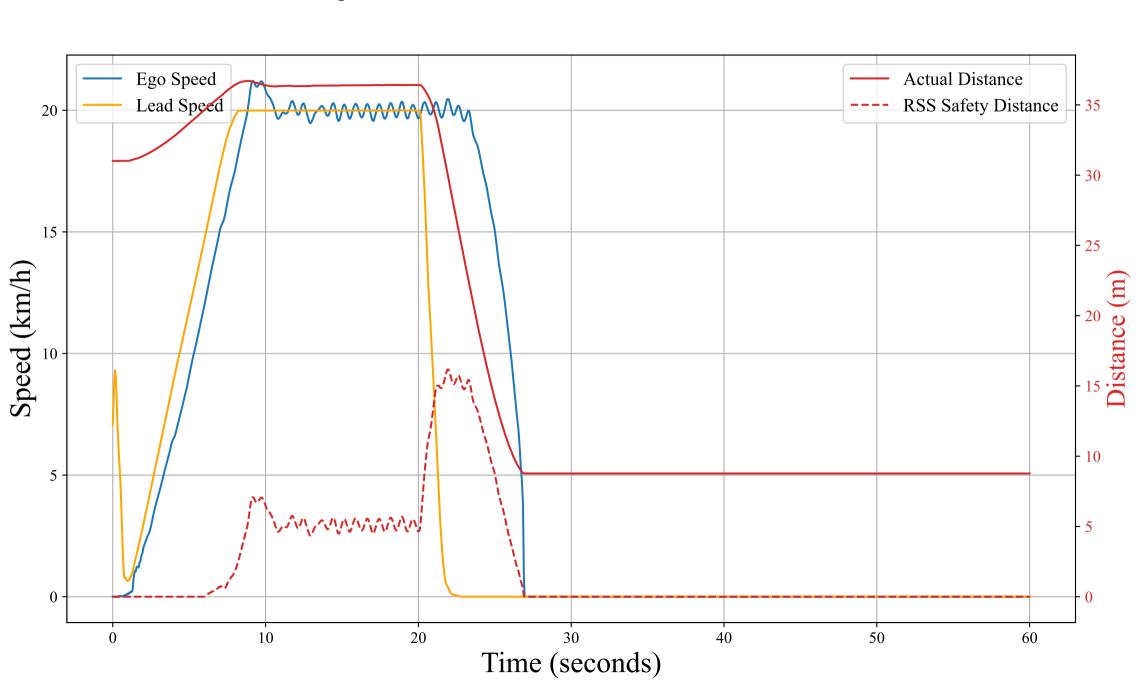
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



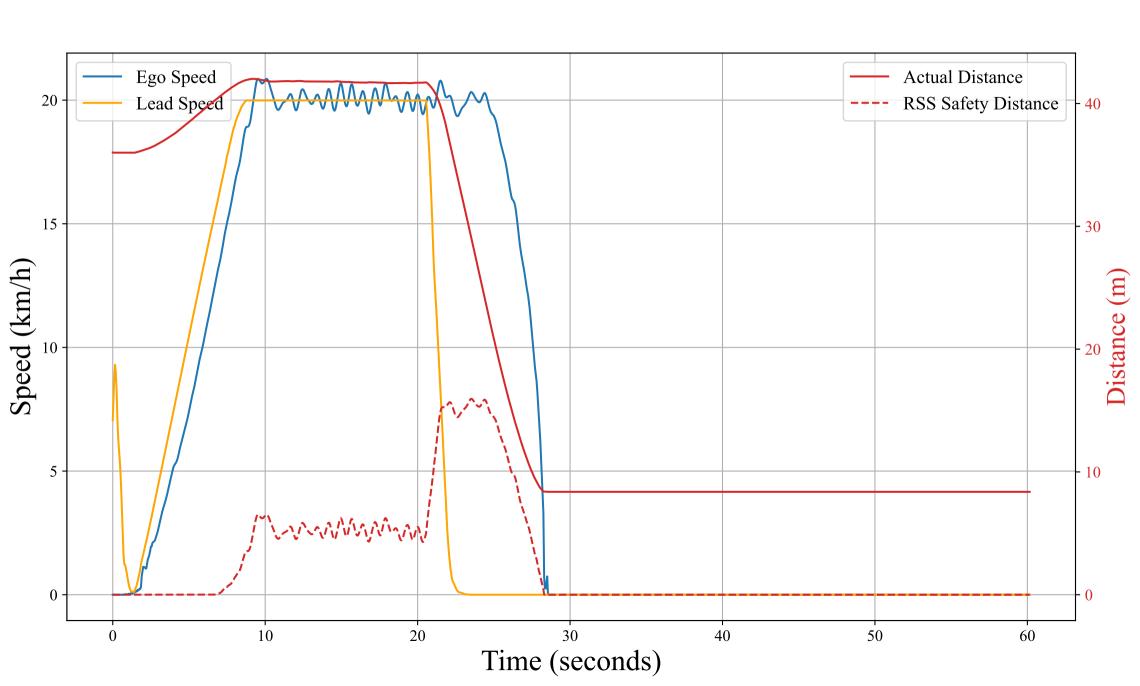
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s^3) -0.5-1.5-2.0-2.520 30 10 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



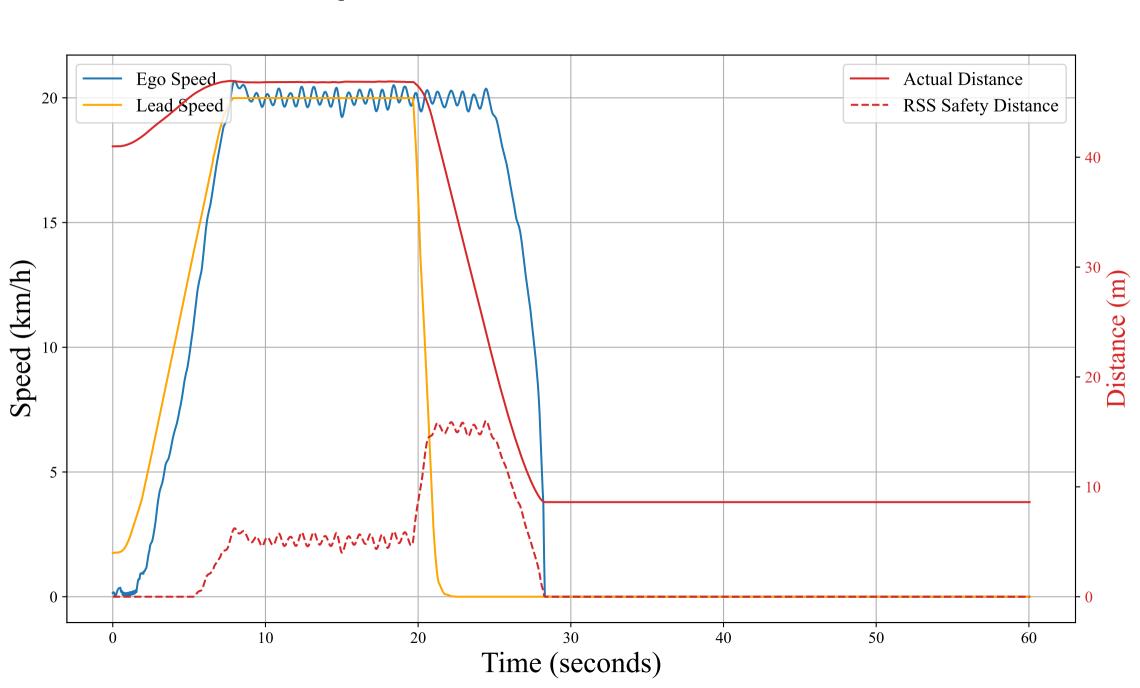
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



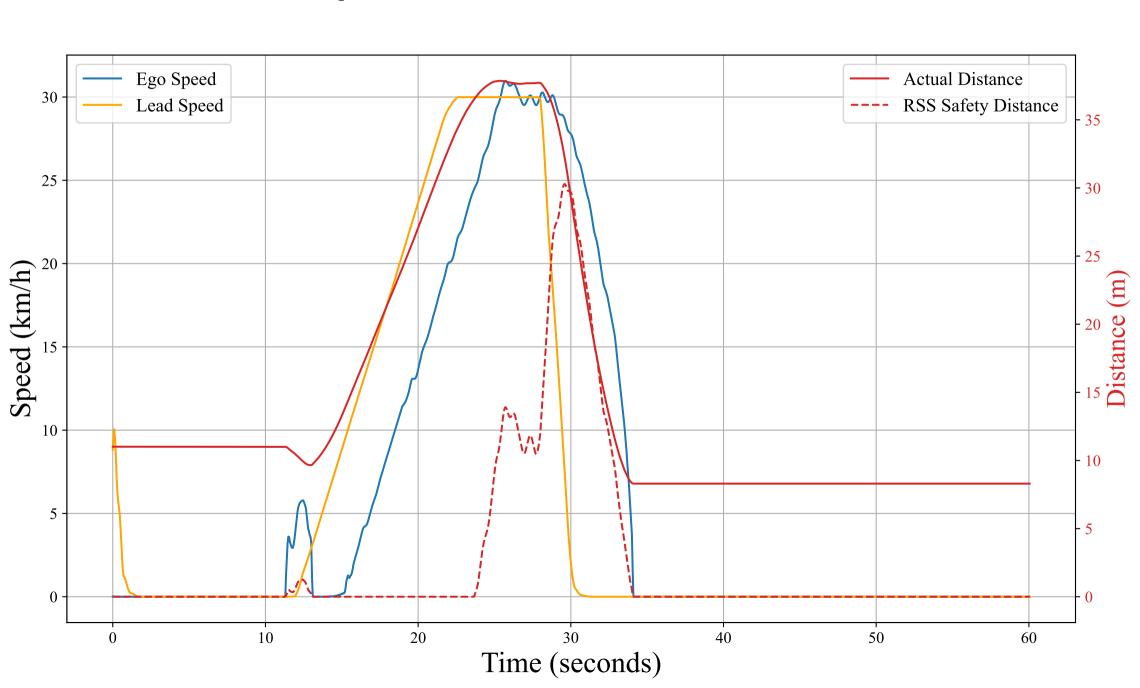
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) 10 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



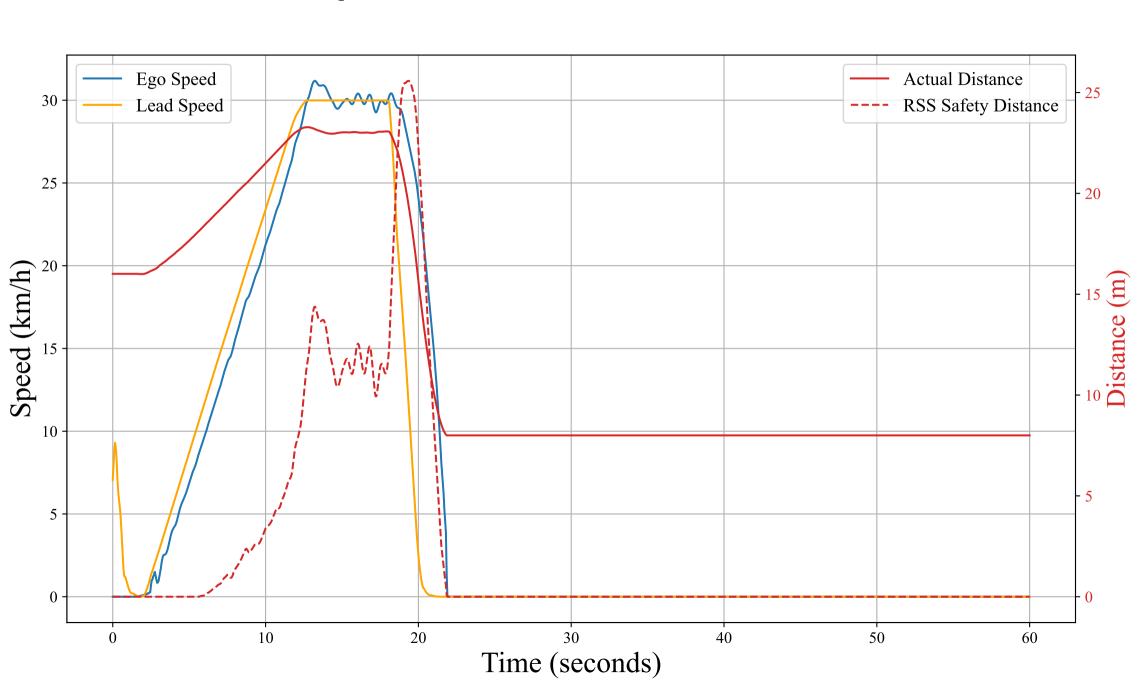
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 2 Jerk (m/s³) -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



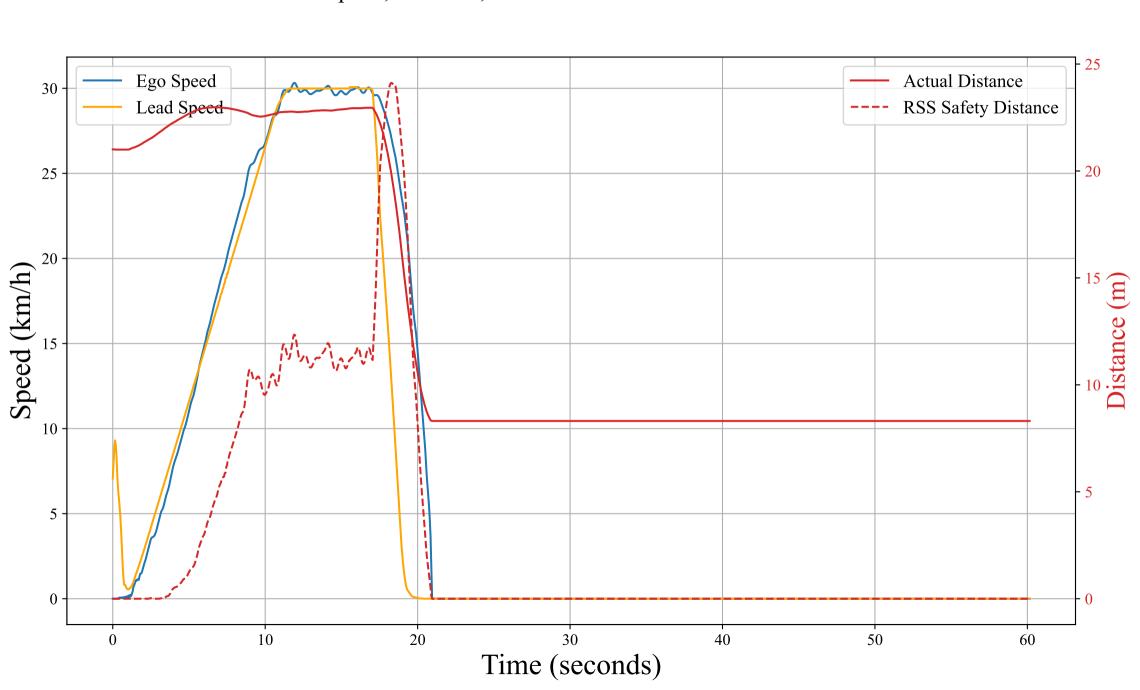
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



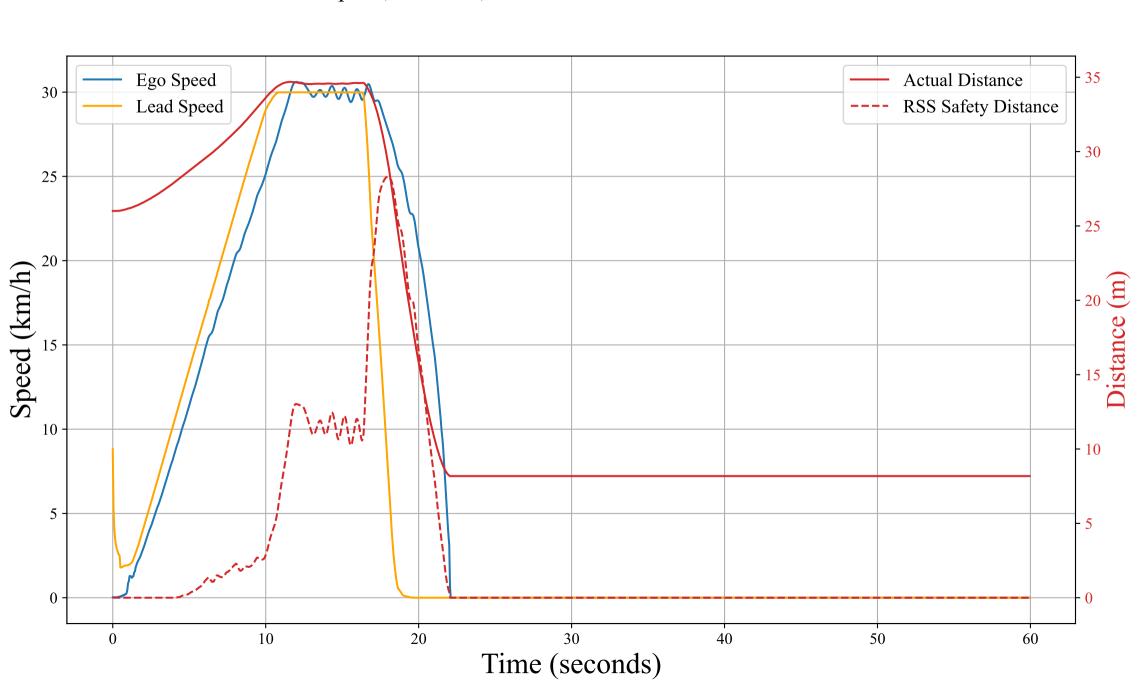
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk $(m/s^3)^{-0.5}$ -1.5-2.0-2.520 10 30 40 50 60 0 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



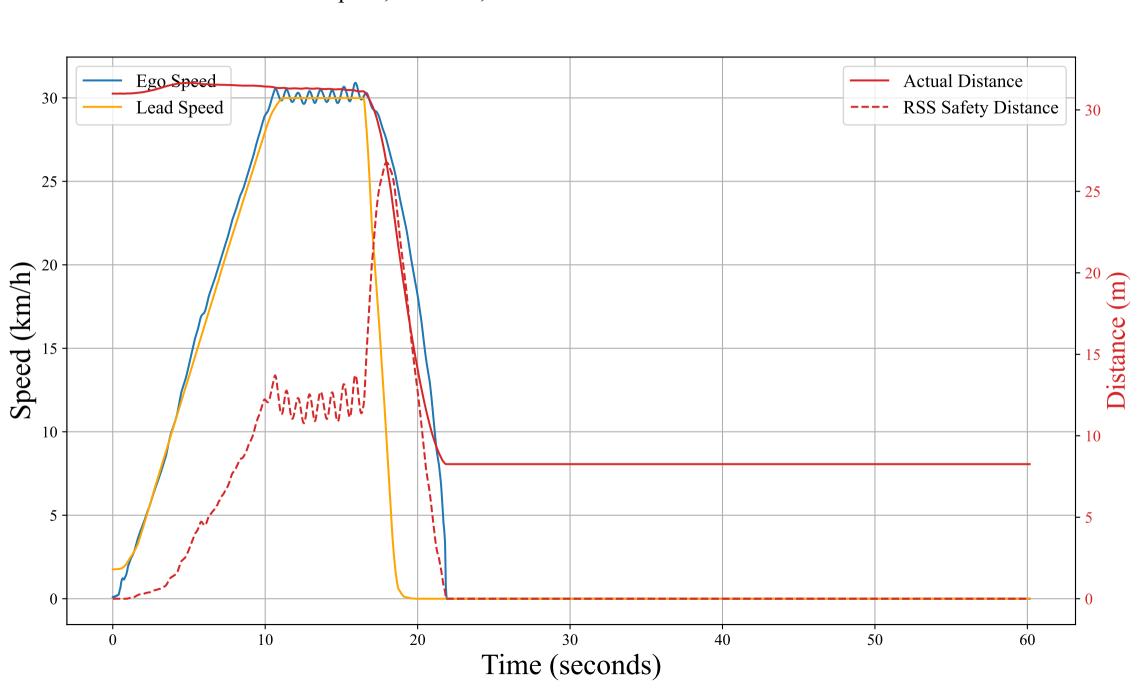
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s^3) -320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



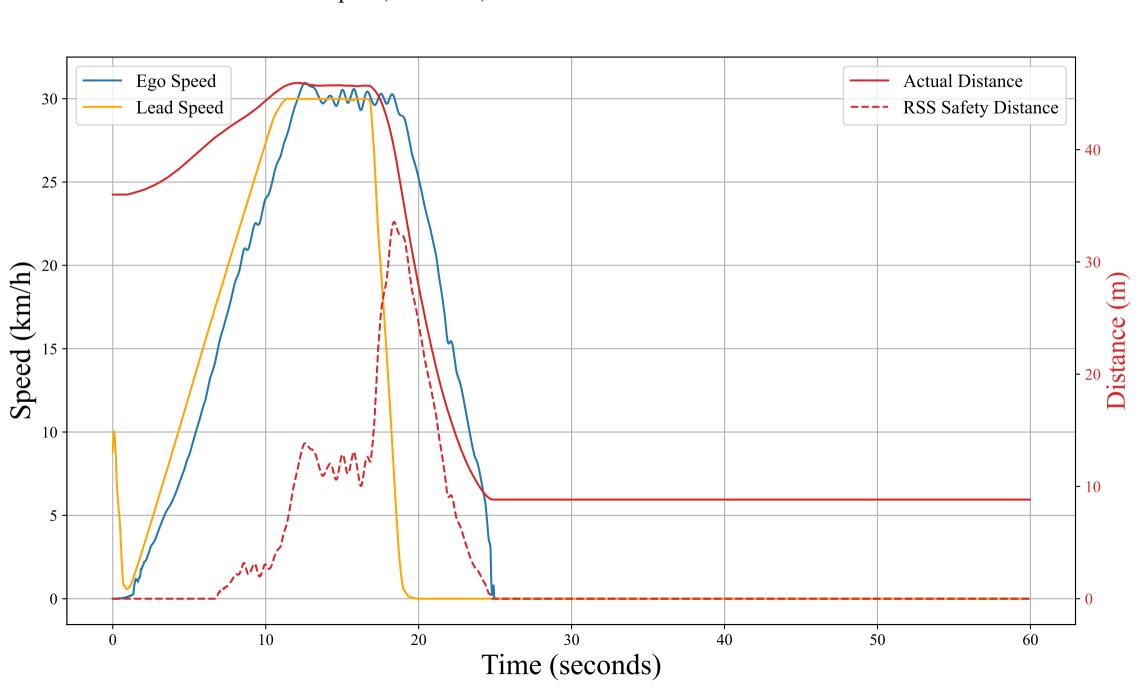
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -3**-**5 20 10 50 30 40 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



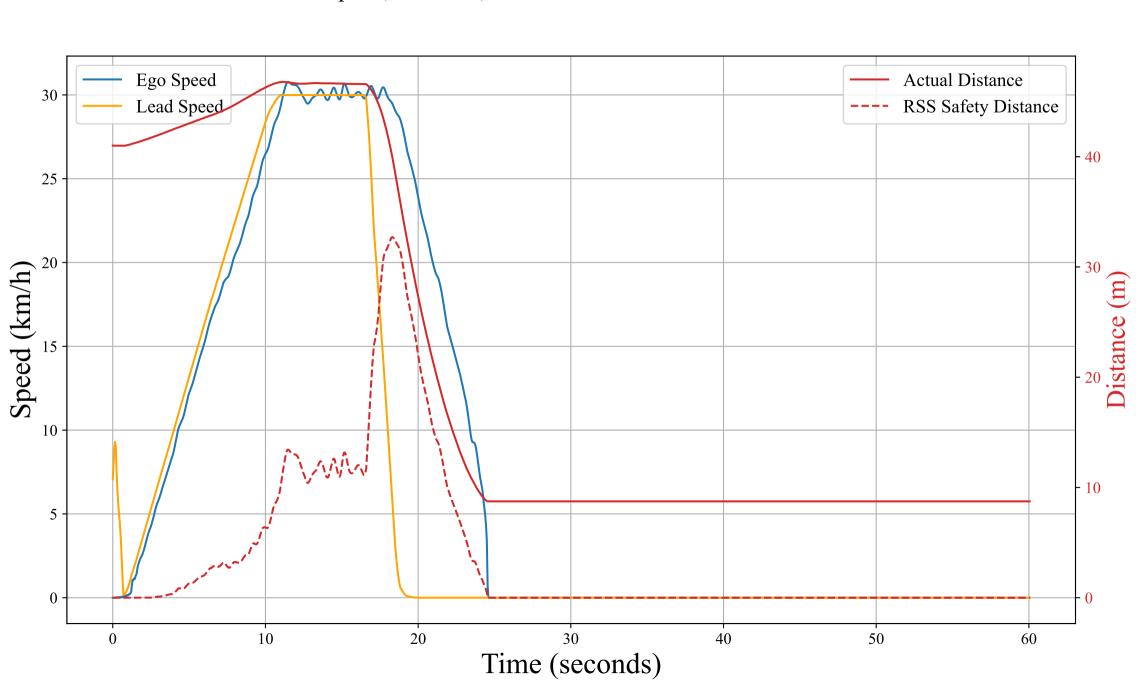
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.020 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



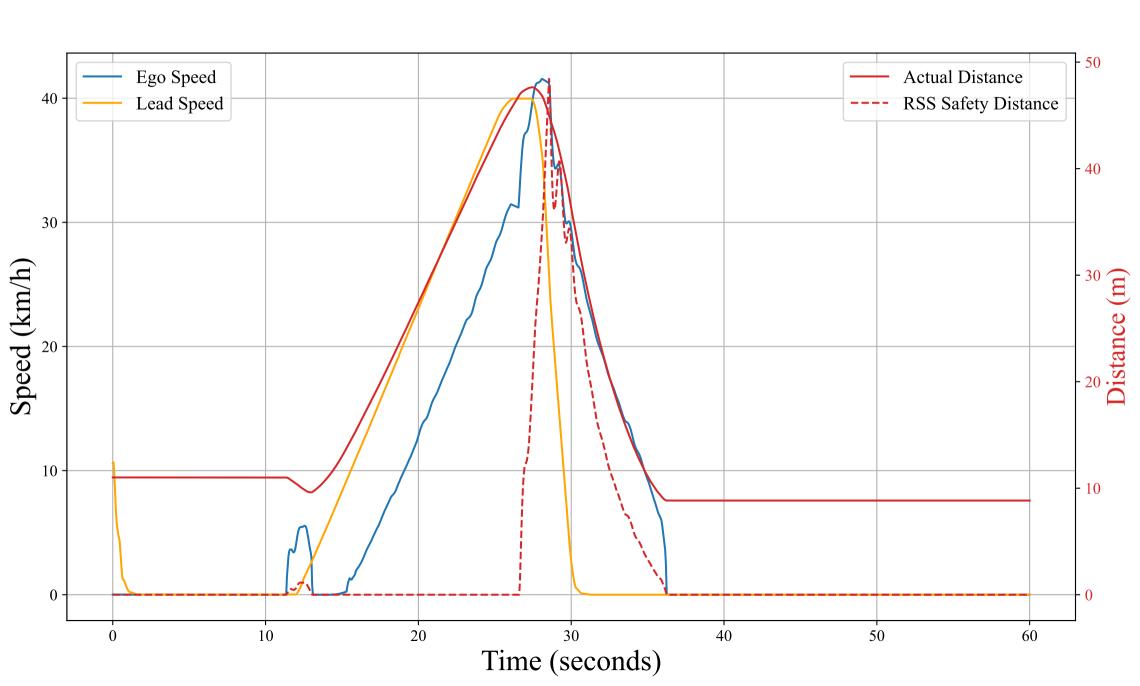
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.50 0.25 0.00 $\int_{-0.25}^{-0.25} (m/s^3)^{-0.50}$ -0.75-1.00-1.25-1.5010 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



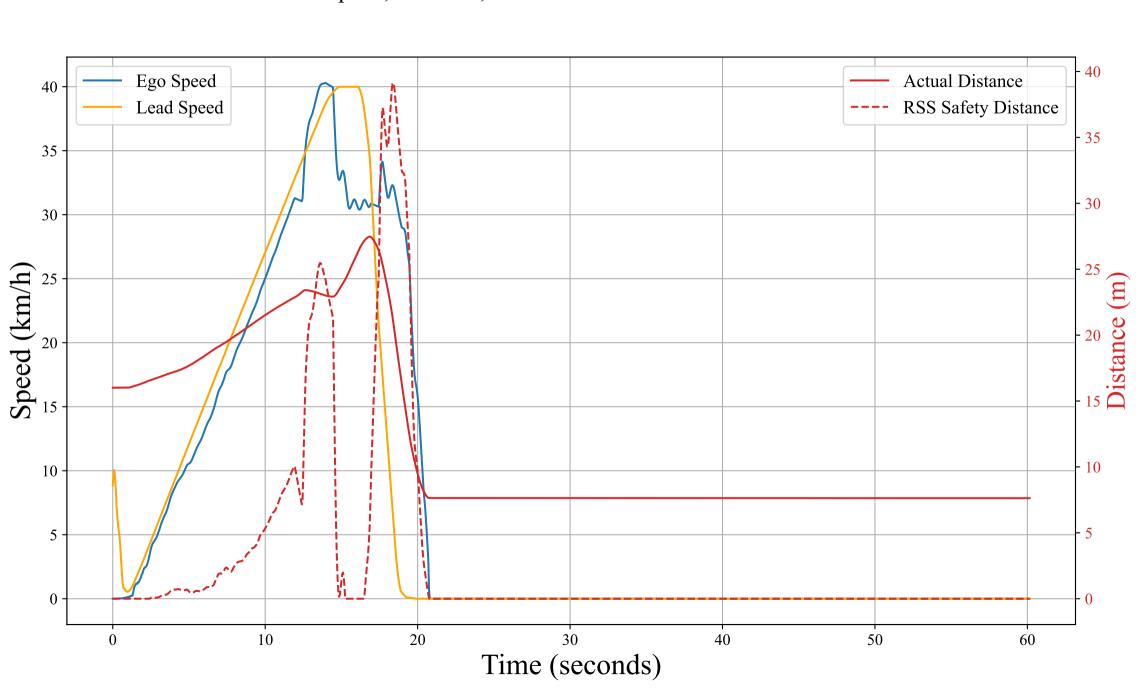
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s^3) -1.0-1.520 10 30 40 50 60 0 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



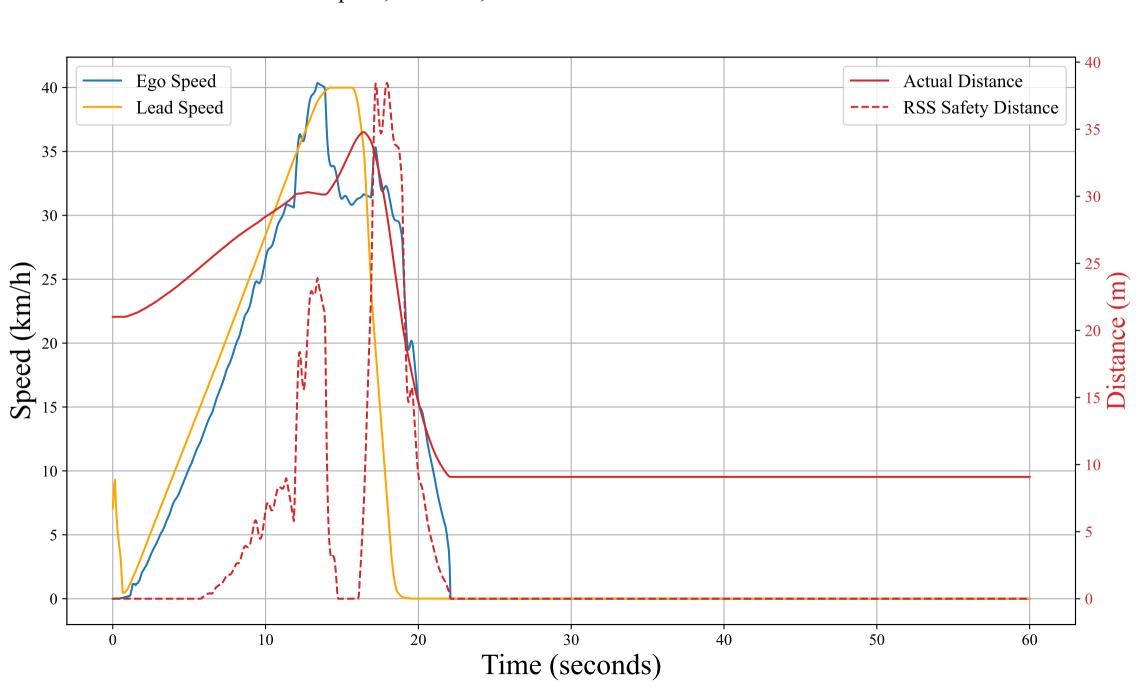
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=10 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2-310 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



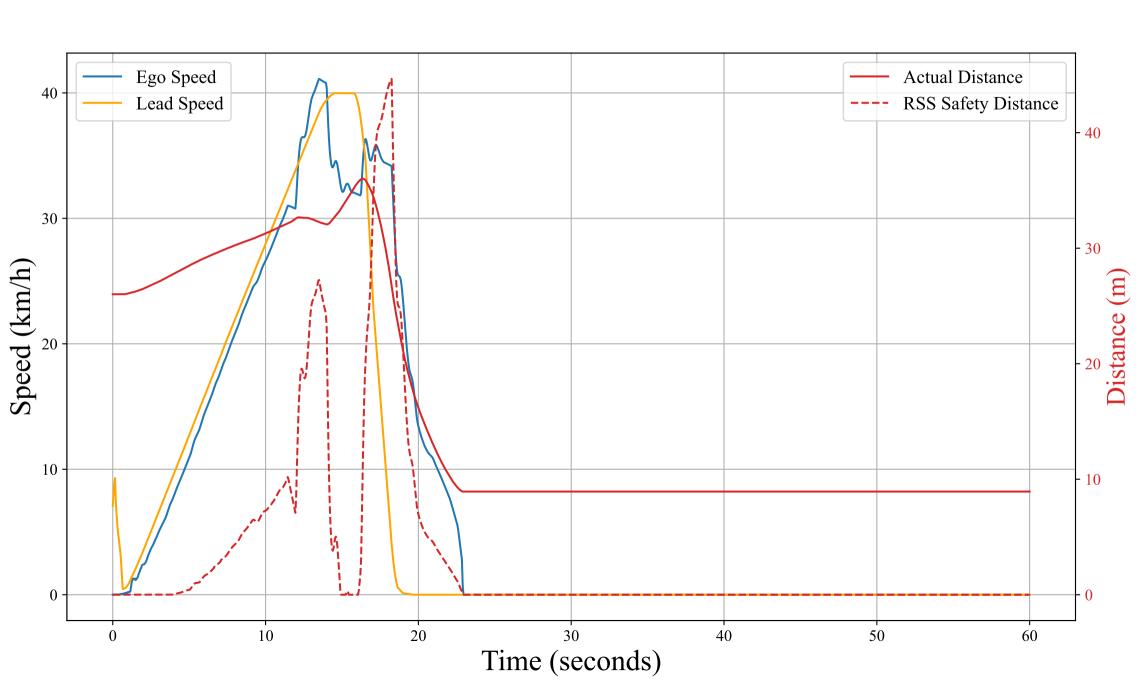
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -210 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



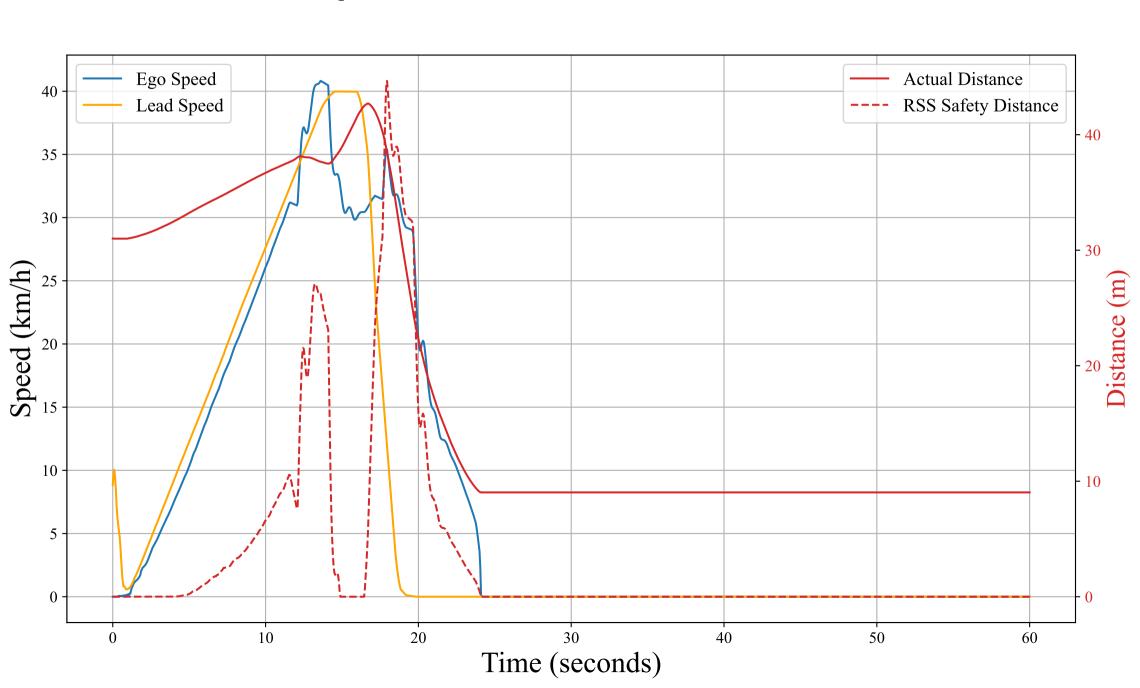
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -2-310 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



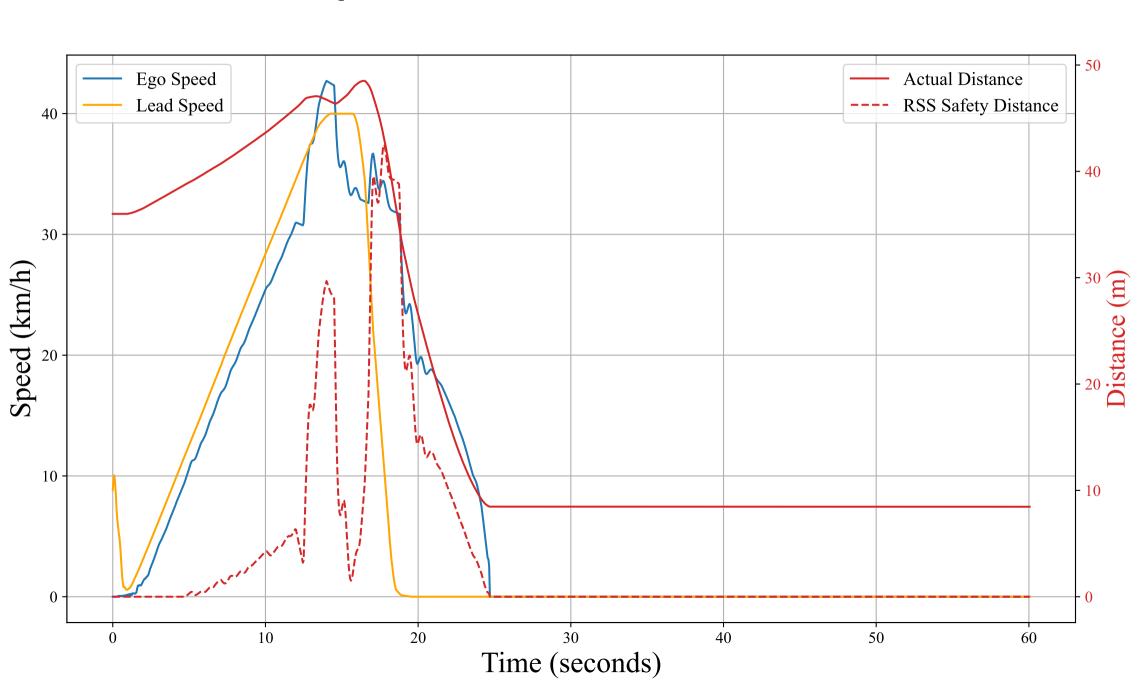
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



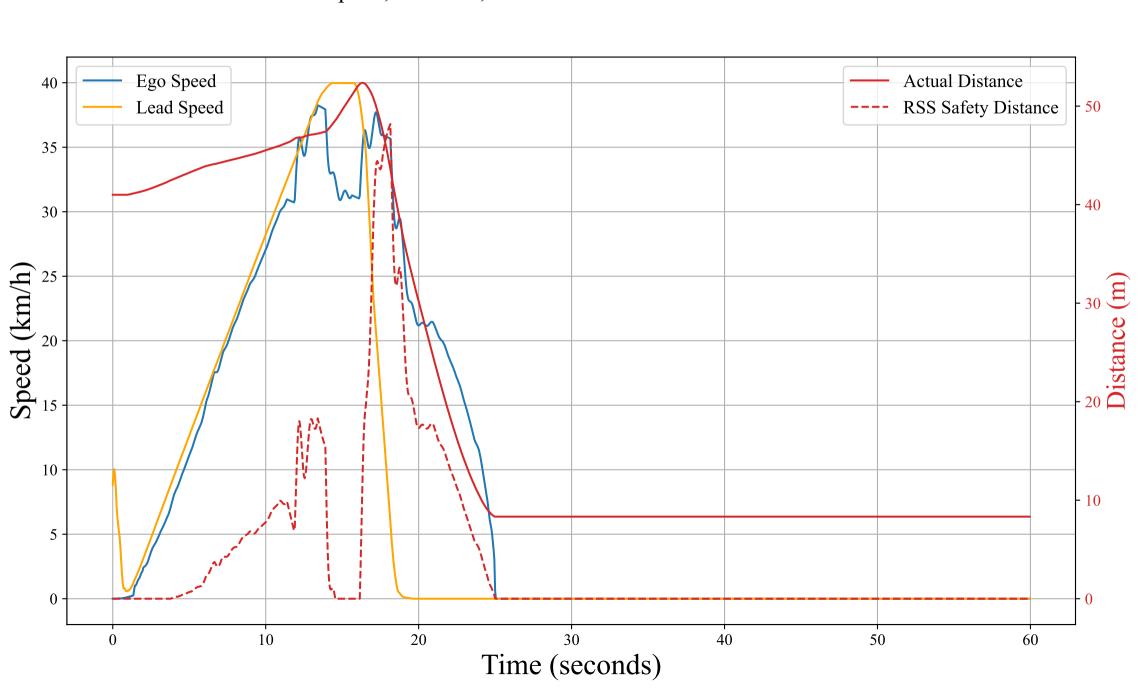
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -2-3-4 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



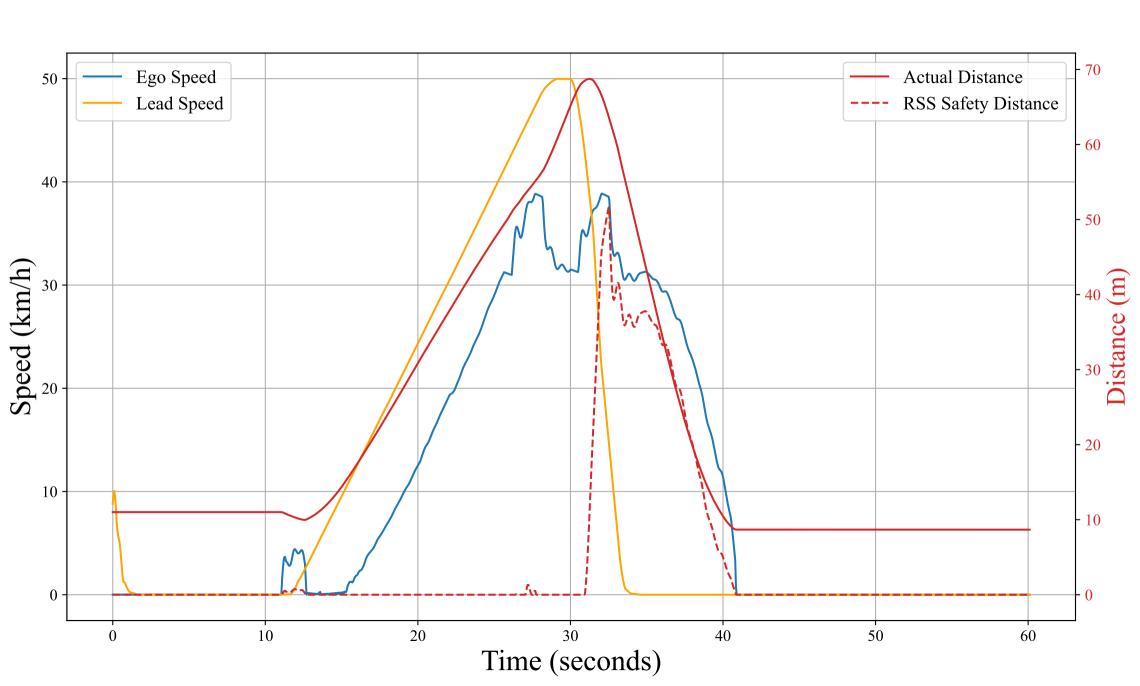
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ 10 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



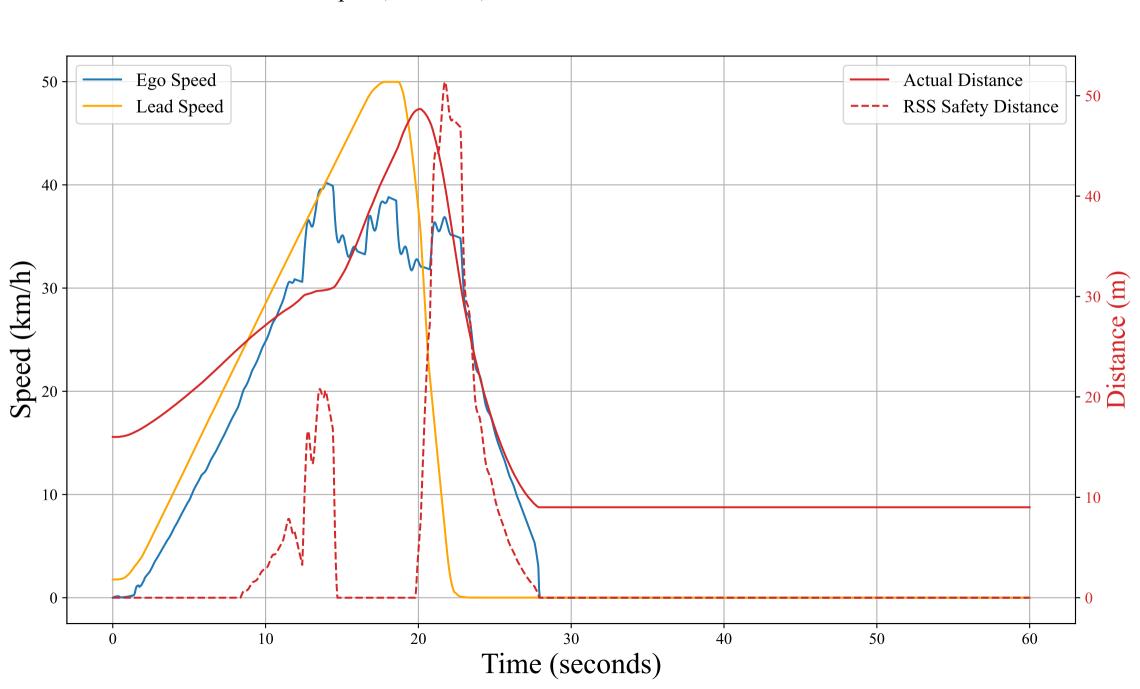
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ 10 20 30 50 40 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



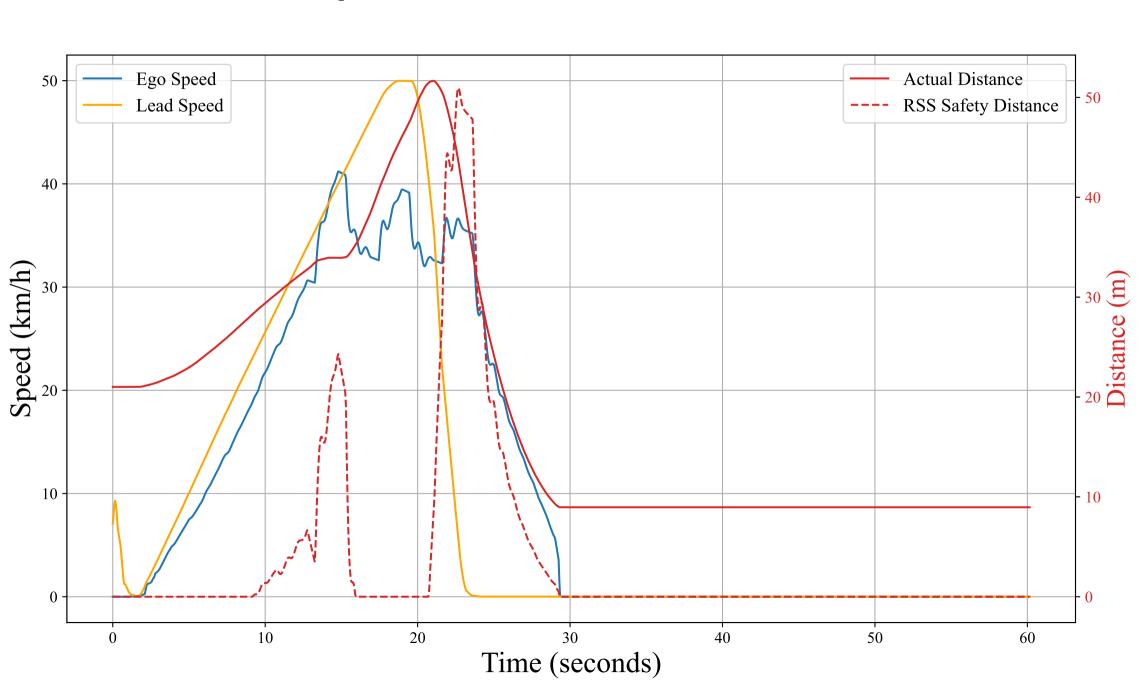
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



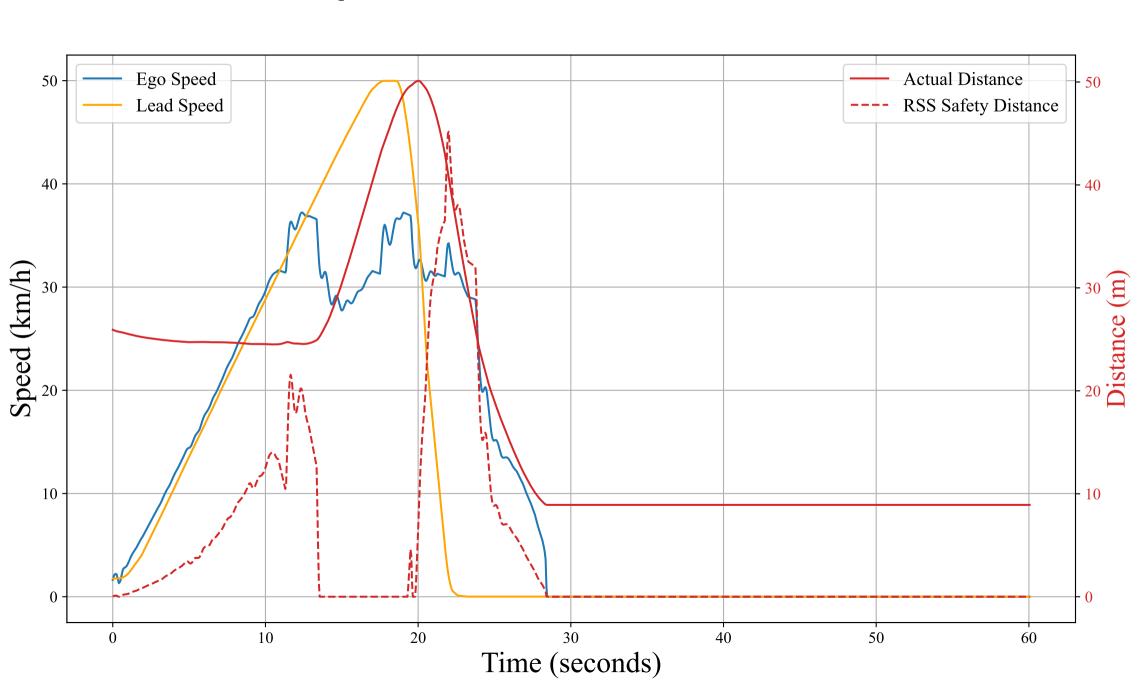
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2**-4** 10 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



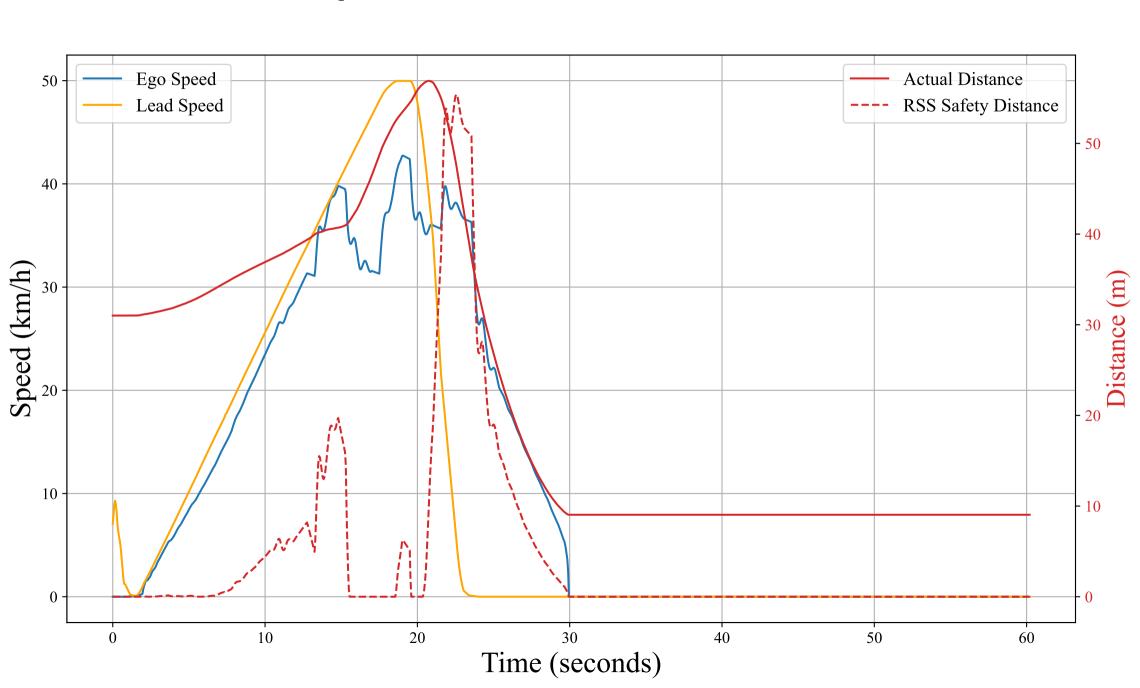
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 2.0 1.5 1.0 $Jerk (m/s^3)$ 0.5 0.0 -0.5-1.0-1.5-2.010 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



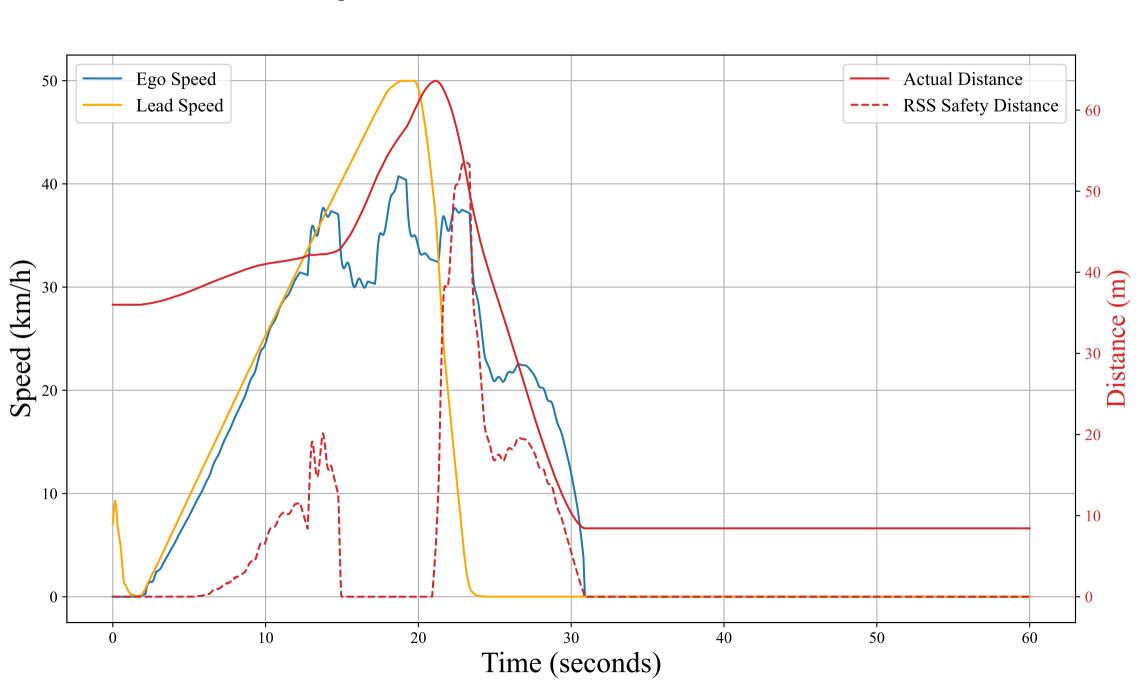
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=25 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



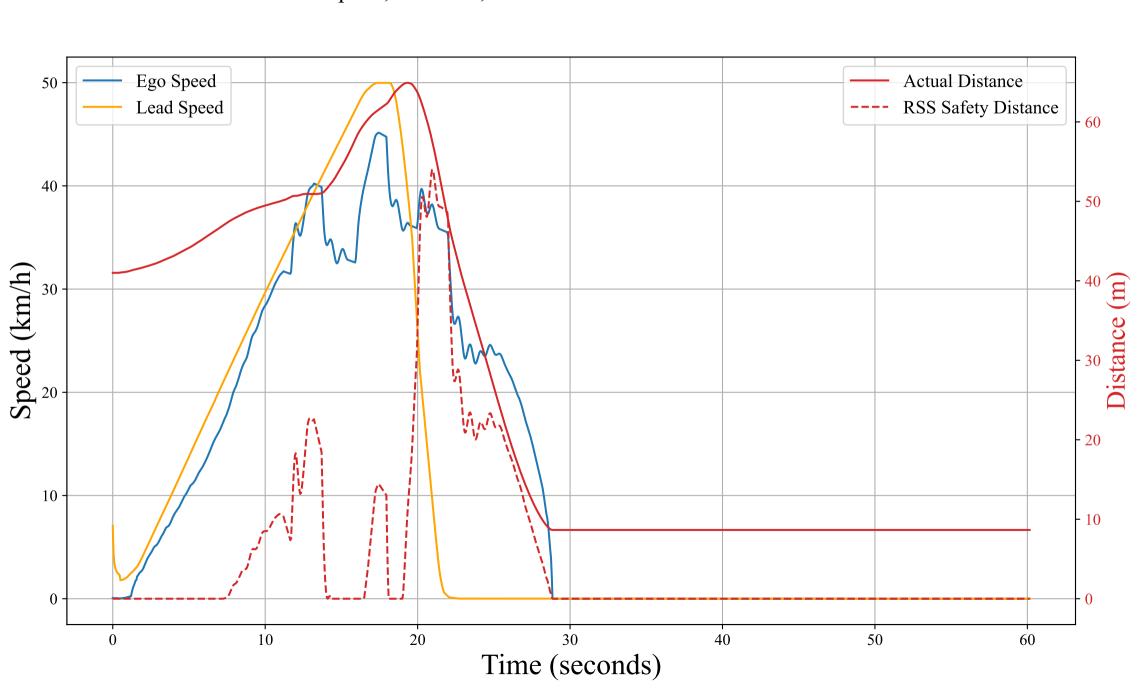
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 · Jerk (m/s³) -2-310 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time 3 -Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=50 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s^3) -220 10 30 40 50 60 Time (seconds)