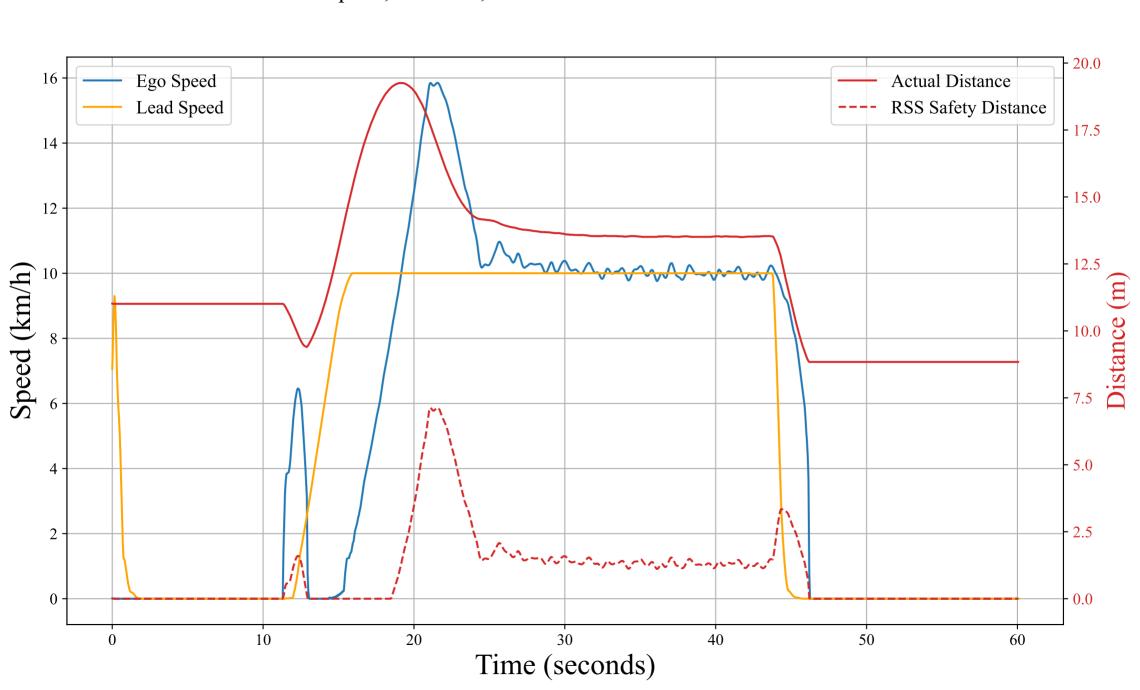
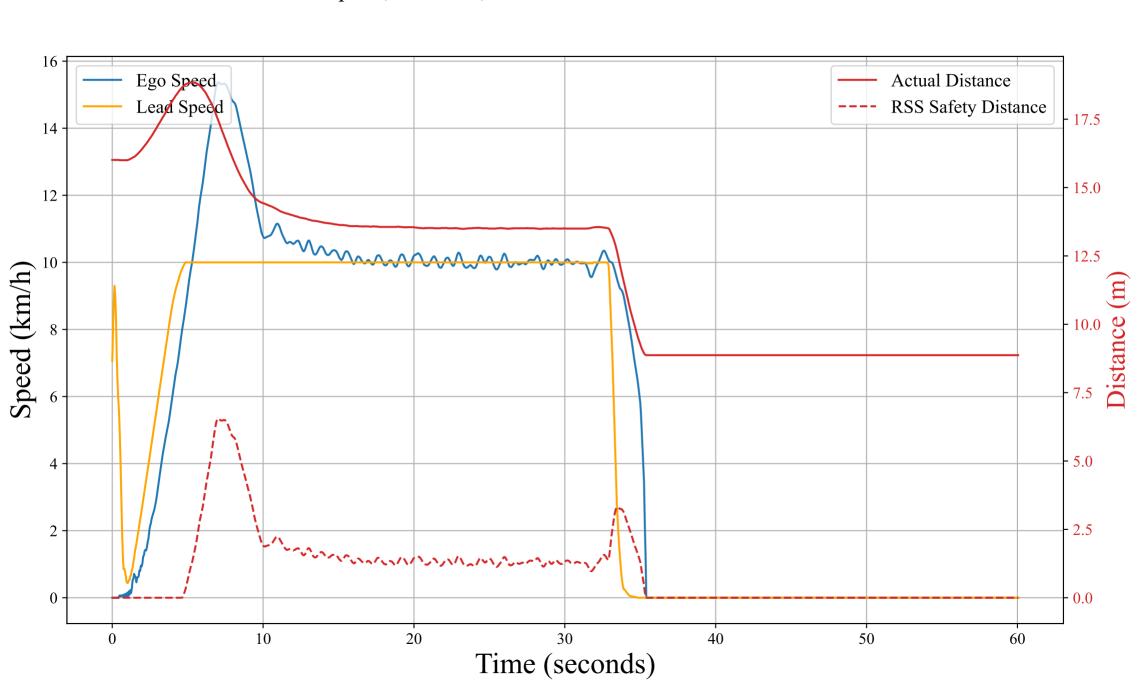
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



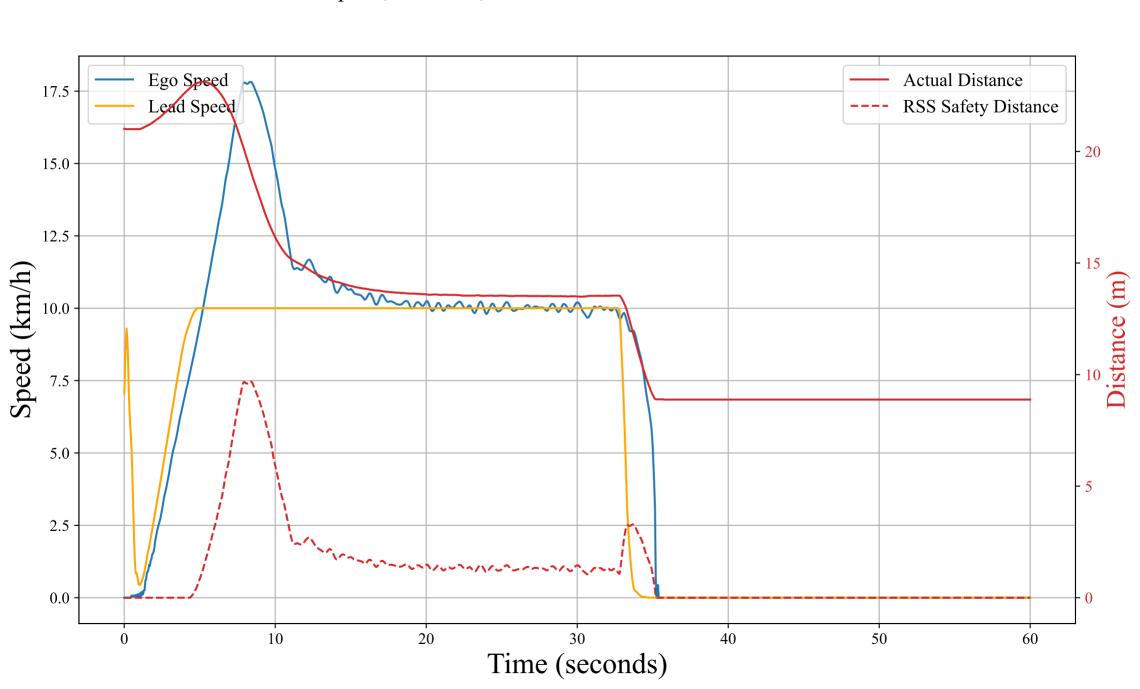
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2-3**-4** 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



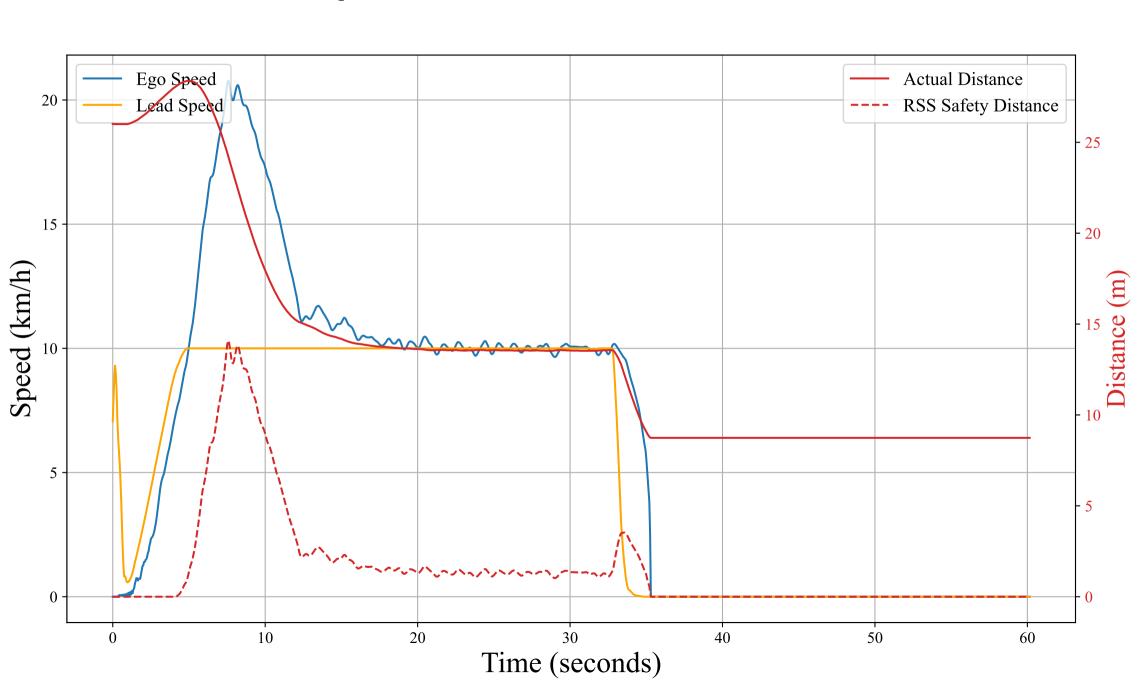
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time 1.0 Ego Vehicle Jerk (1 Hz) 0.5 Jerk (m/s³) 0.0 -1.0-1.510 20 30 40 50 60 Time (seconds)

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



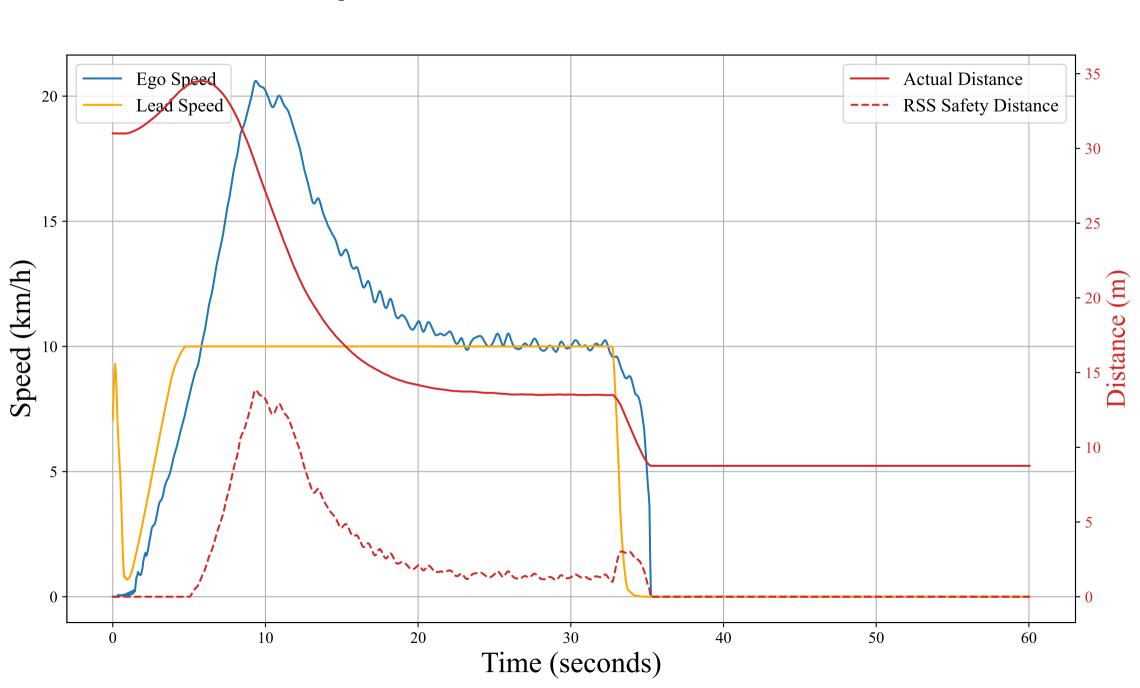
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s^3) -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



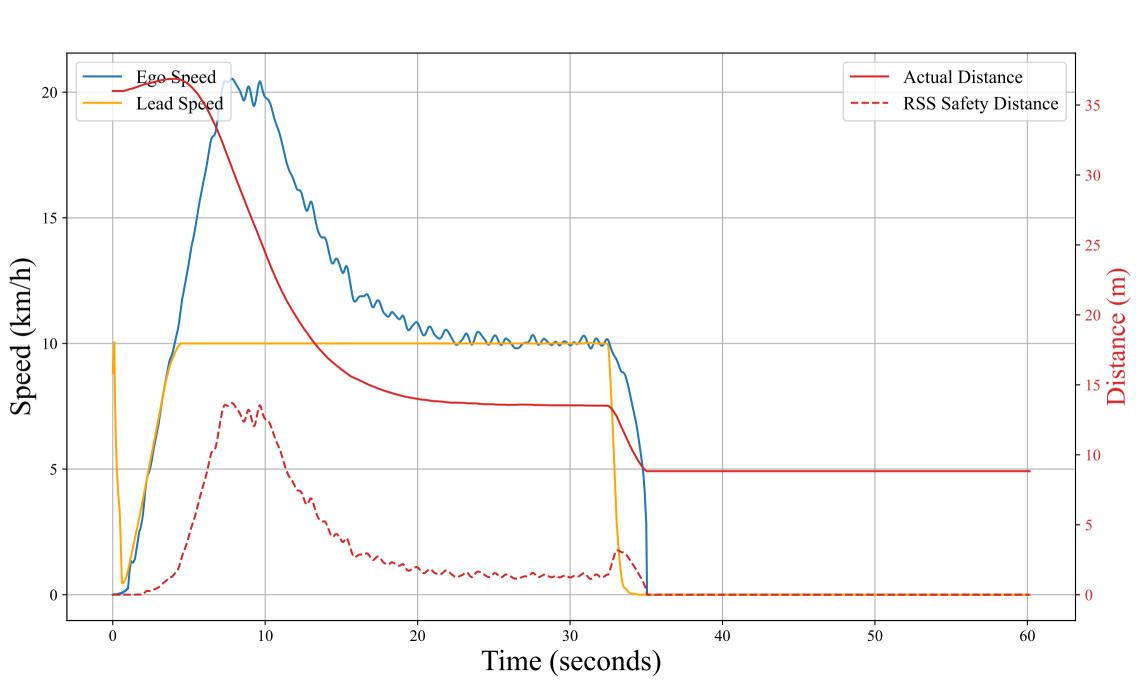
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) 0.0 -1.0-1.510 30 20 50 0 40 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



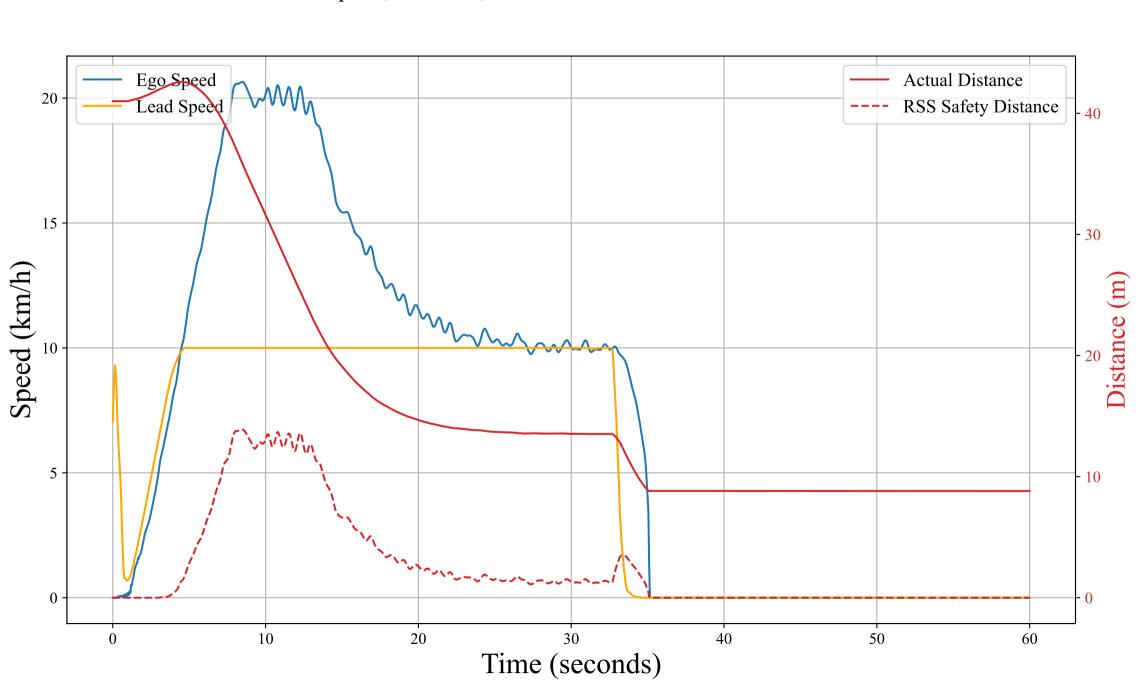
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



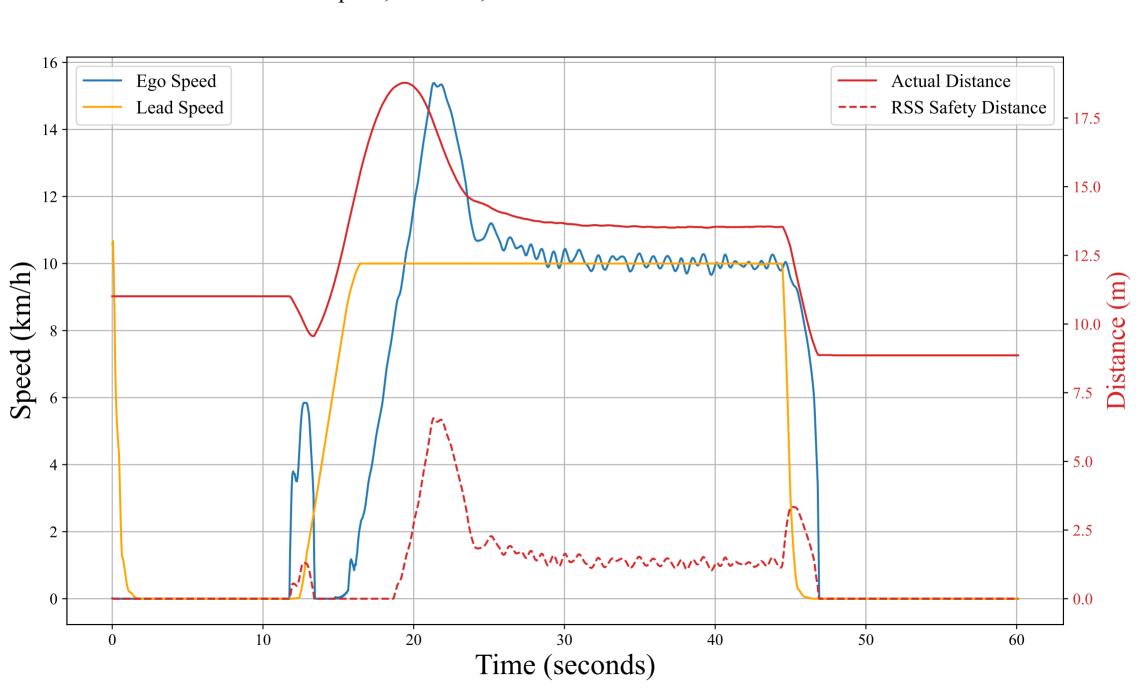
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) 3 · Jerk (m/s³) -3-4 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



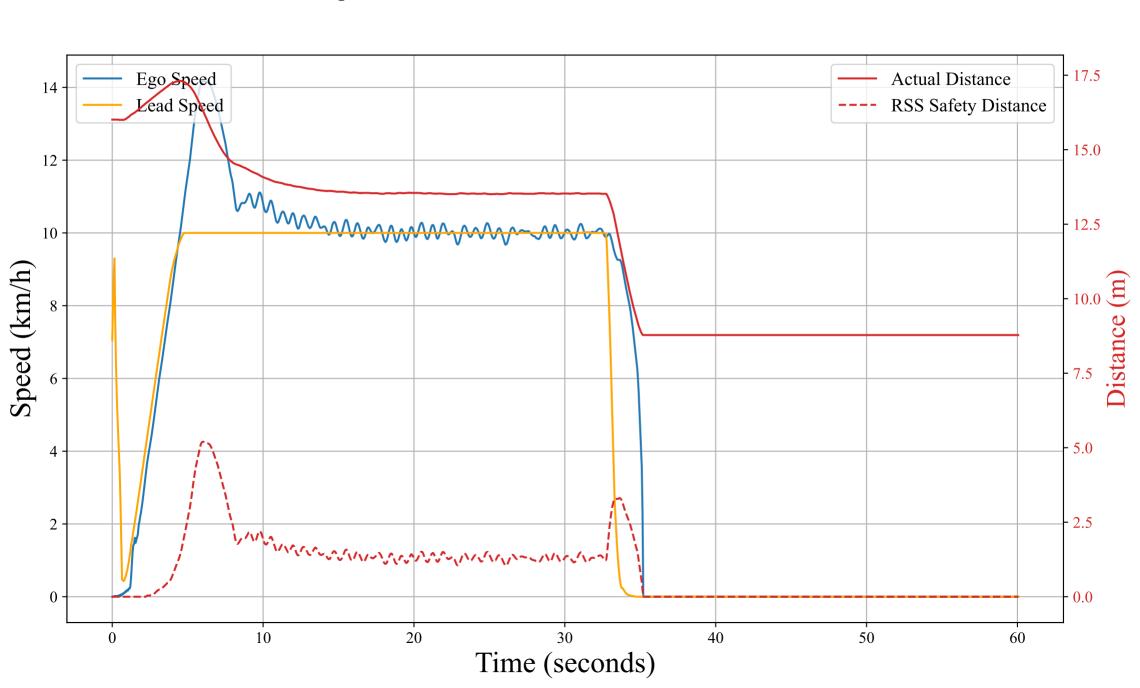
Ego Vehicle Speed=20 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -2-310 20 30 40 50 60 Time (seconds)

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



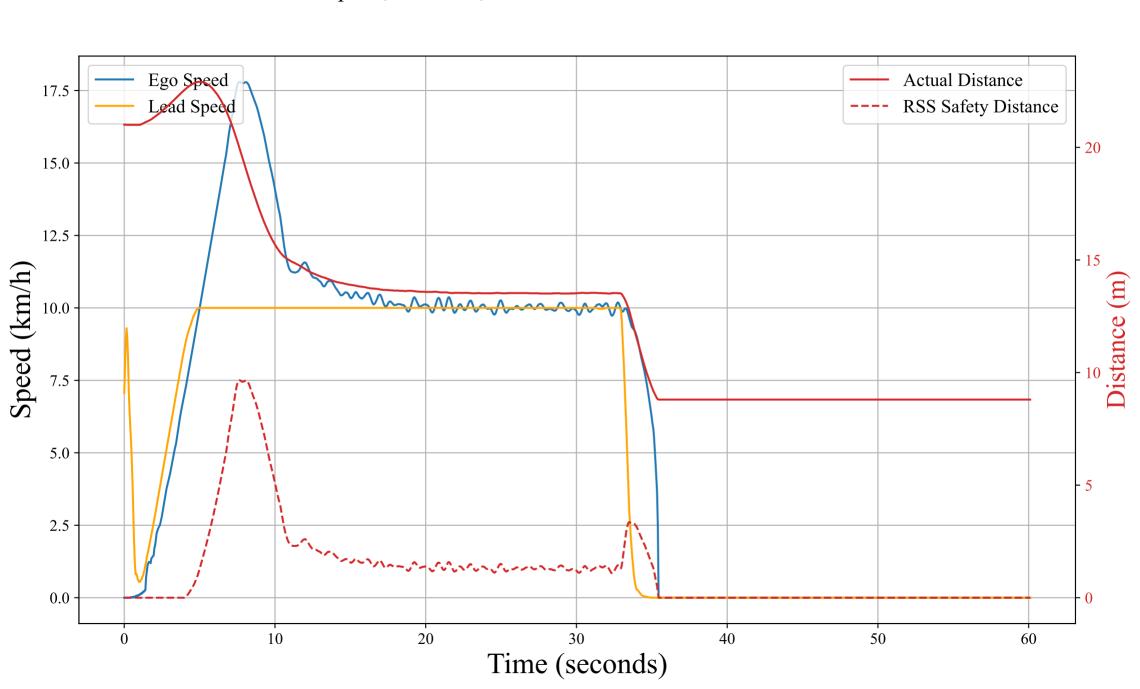
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



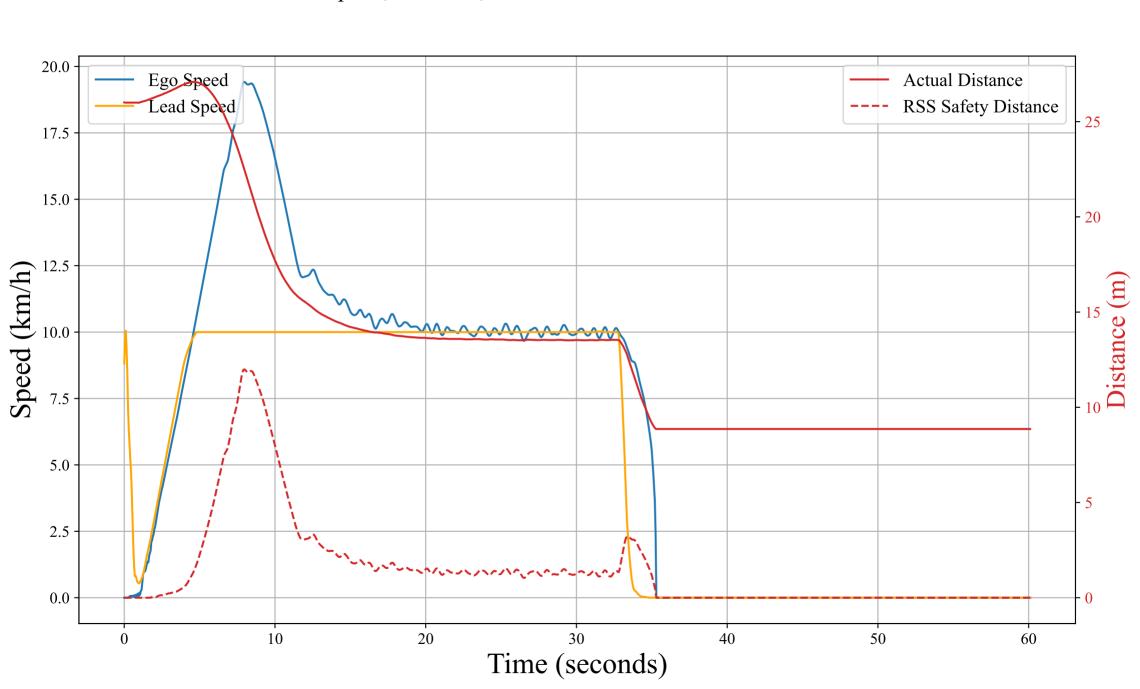
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) 2 $Jerk (m/s^3)$ -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



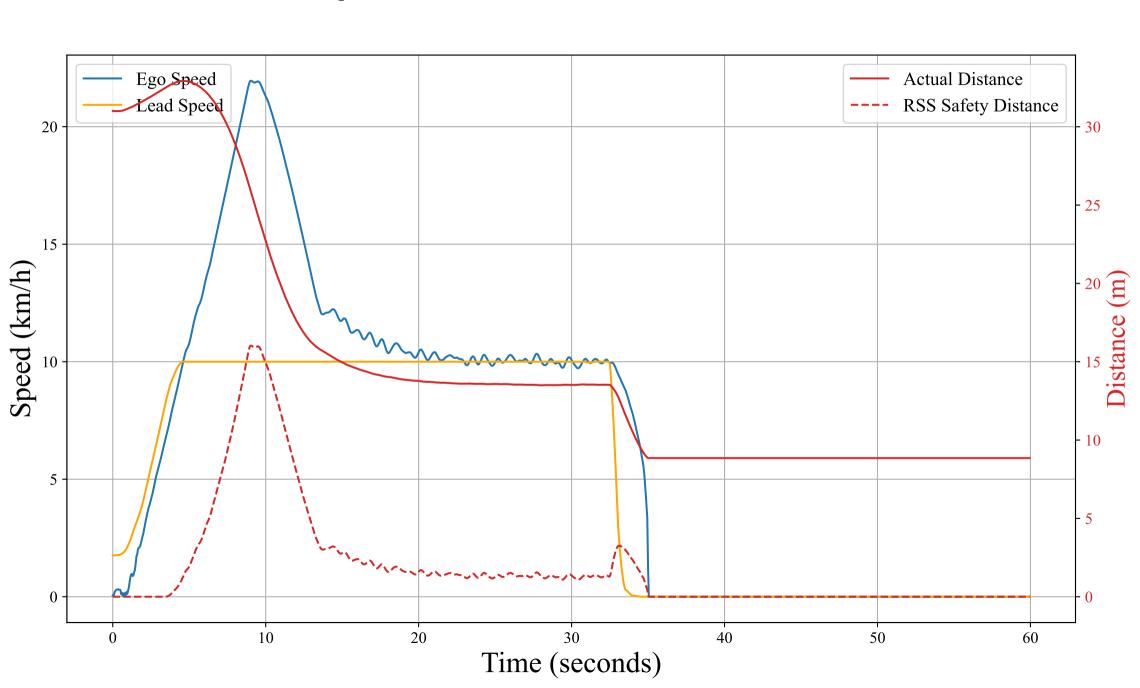
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.6 0.4 0.2 Jerk (m/s³) -0.4-0.6-0.8-1.010 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



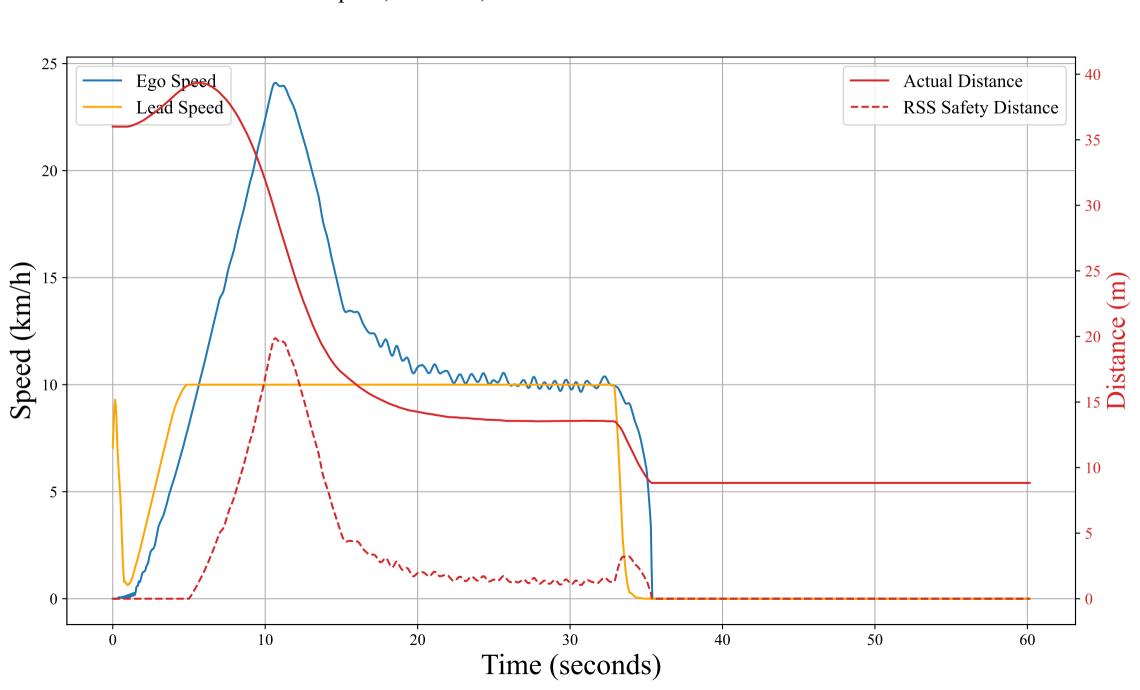
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) -1.0-1.510 30 20 50 40 60 0 Time (seconds)

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



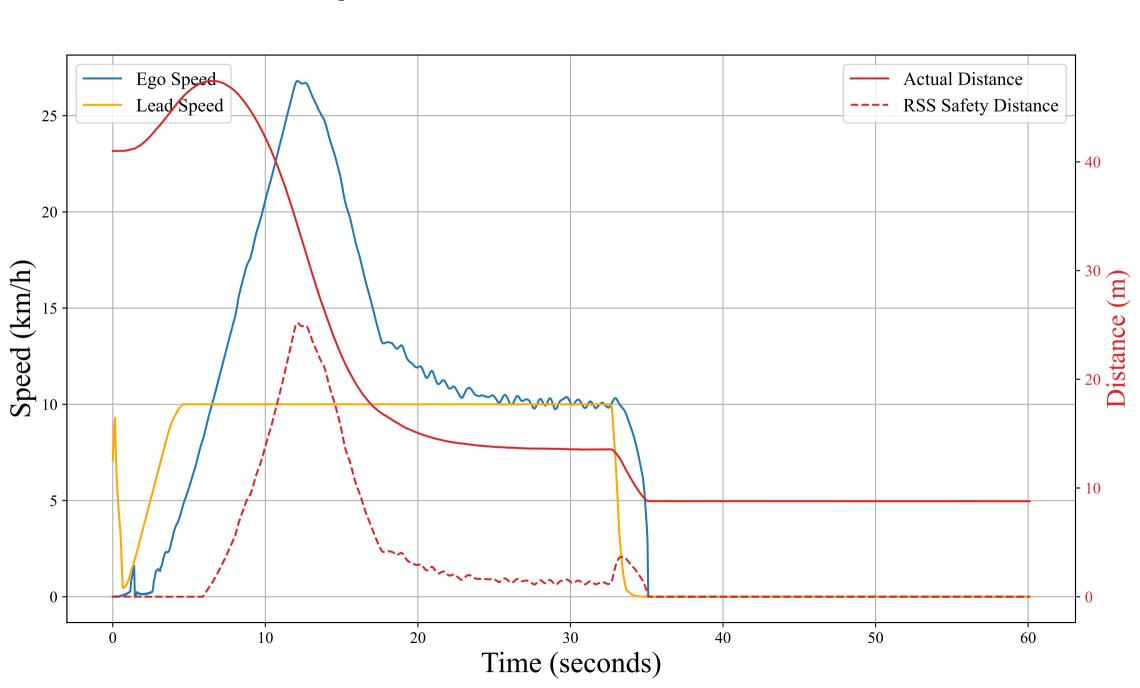
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -210 20 30 50 40 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



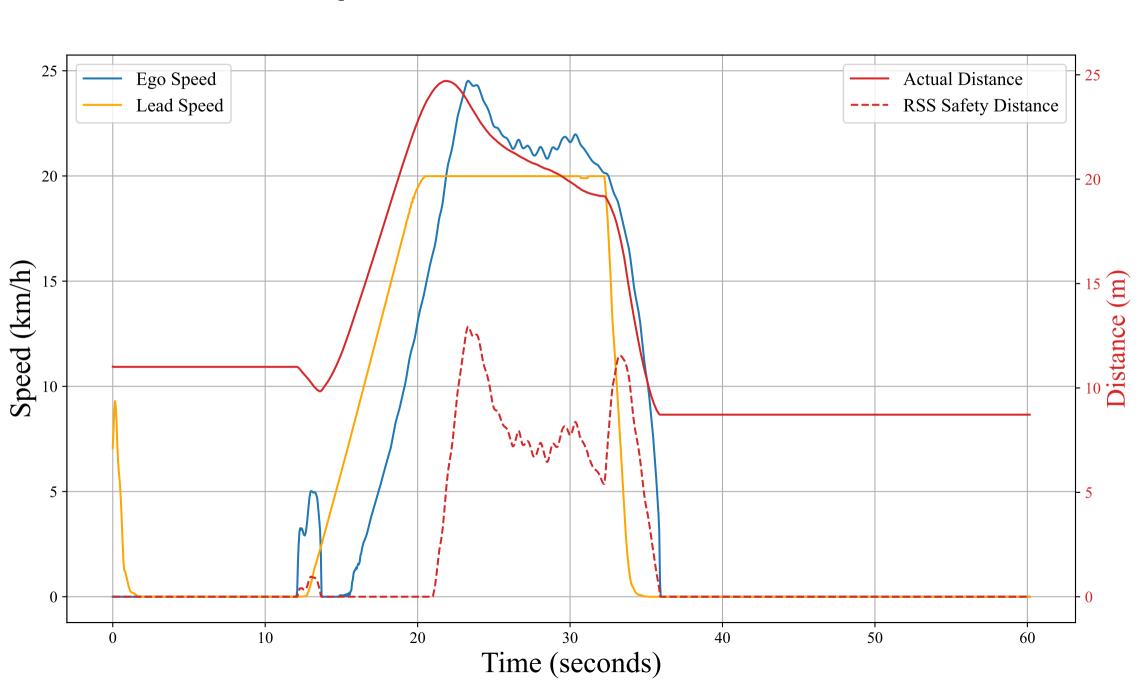
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.5 Jerk (m/s³) 0.0 -1.010 30 20 50 0 40 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



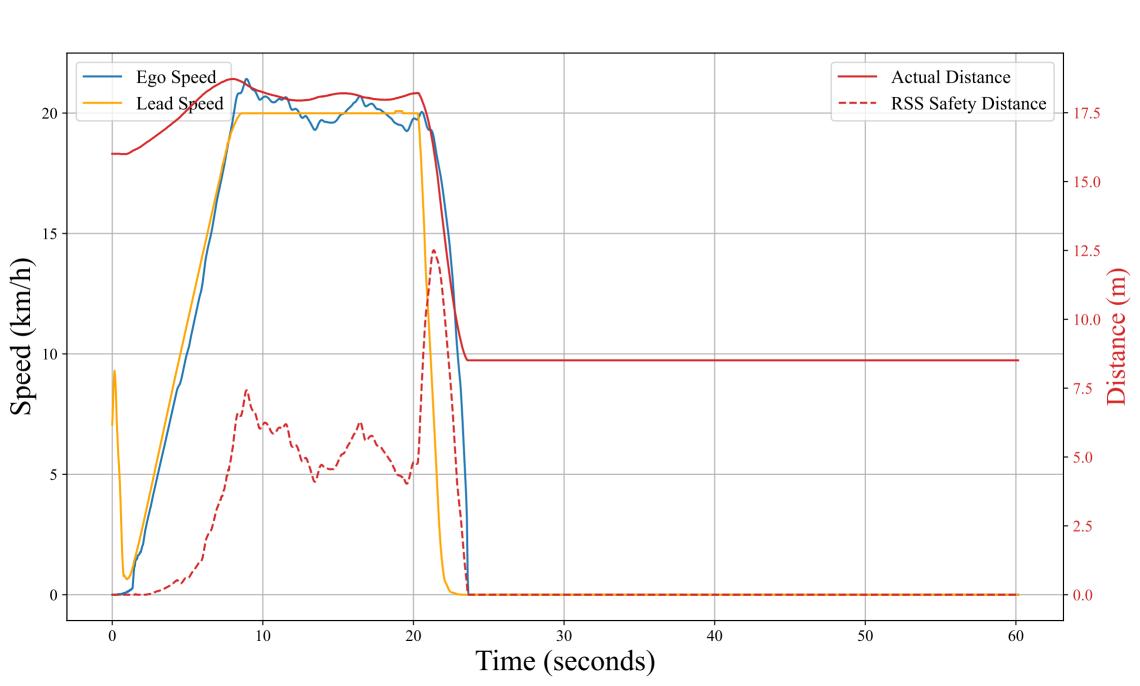
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -2-3-420 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



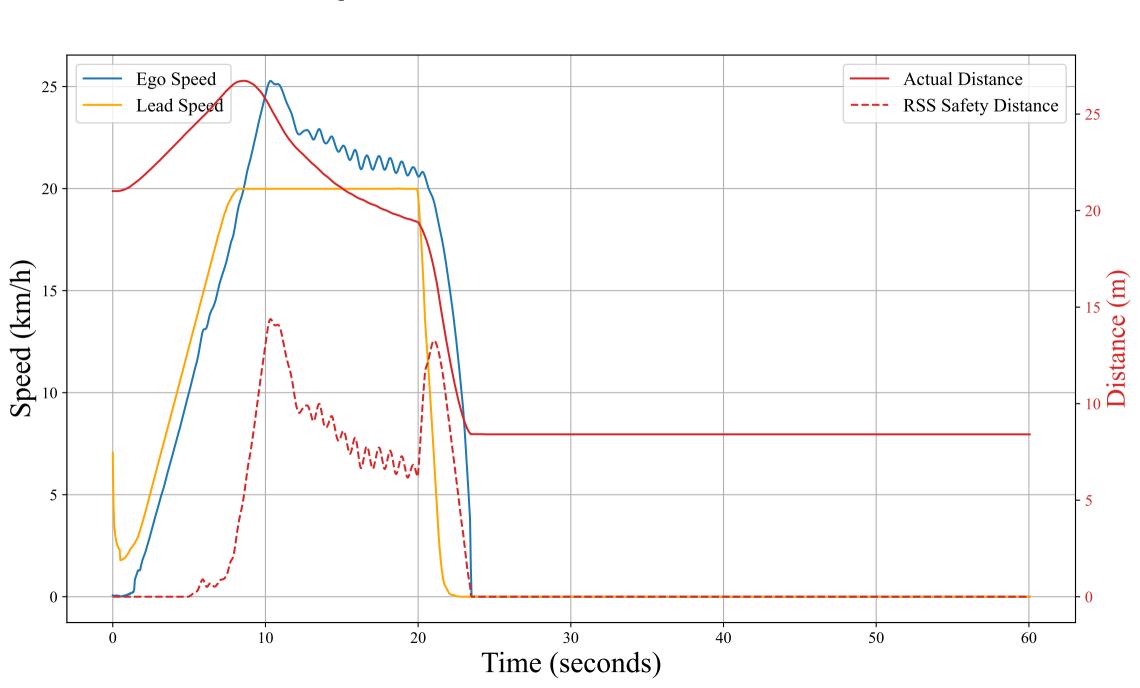
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0 -Jerk (m/s³) -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



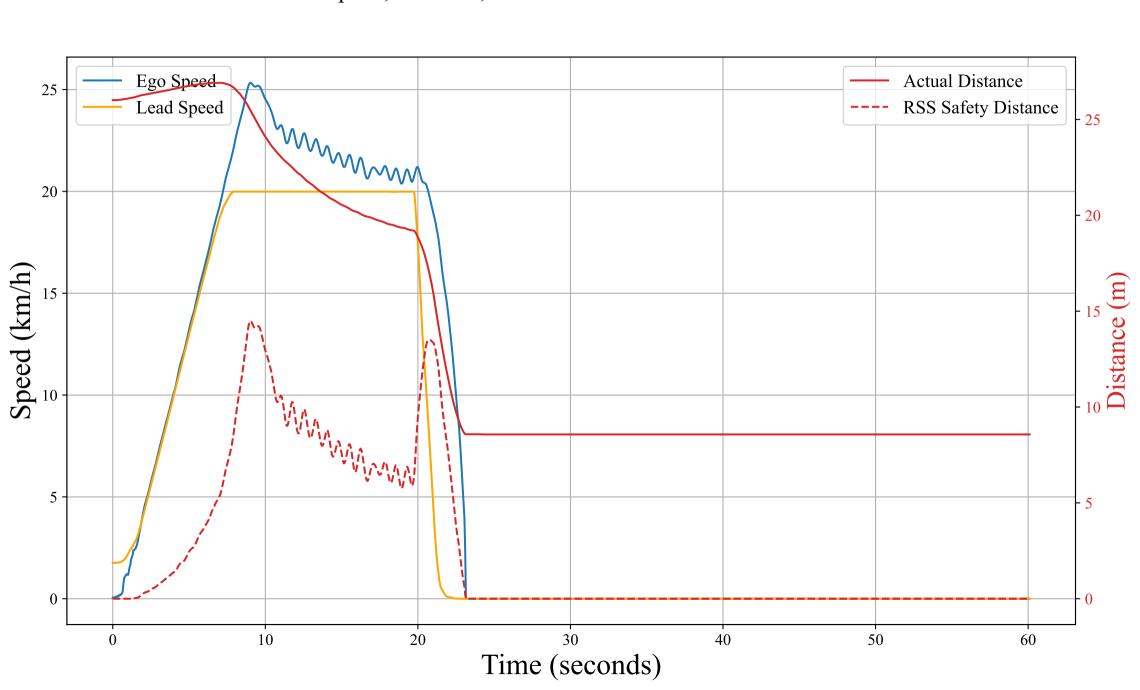
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time 1.0 Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.020 10 30 40 50 60 Time (seconds)

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



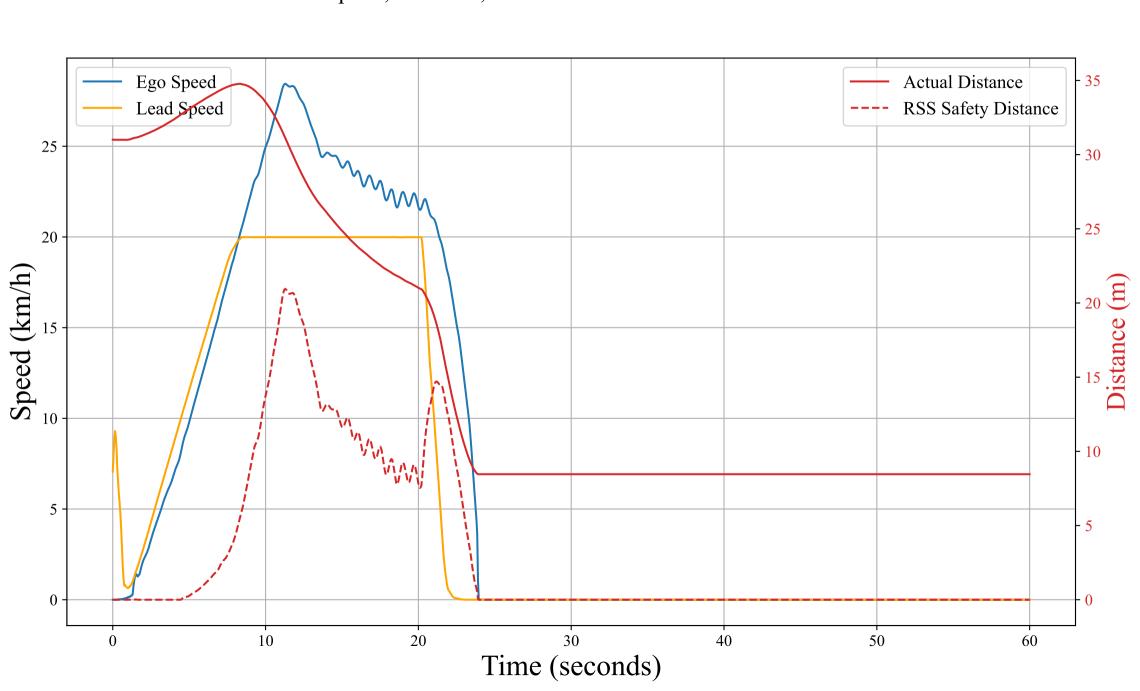
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s³) -1.5-2.0-2.520 30 10 50 40 60 Time (seconds)

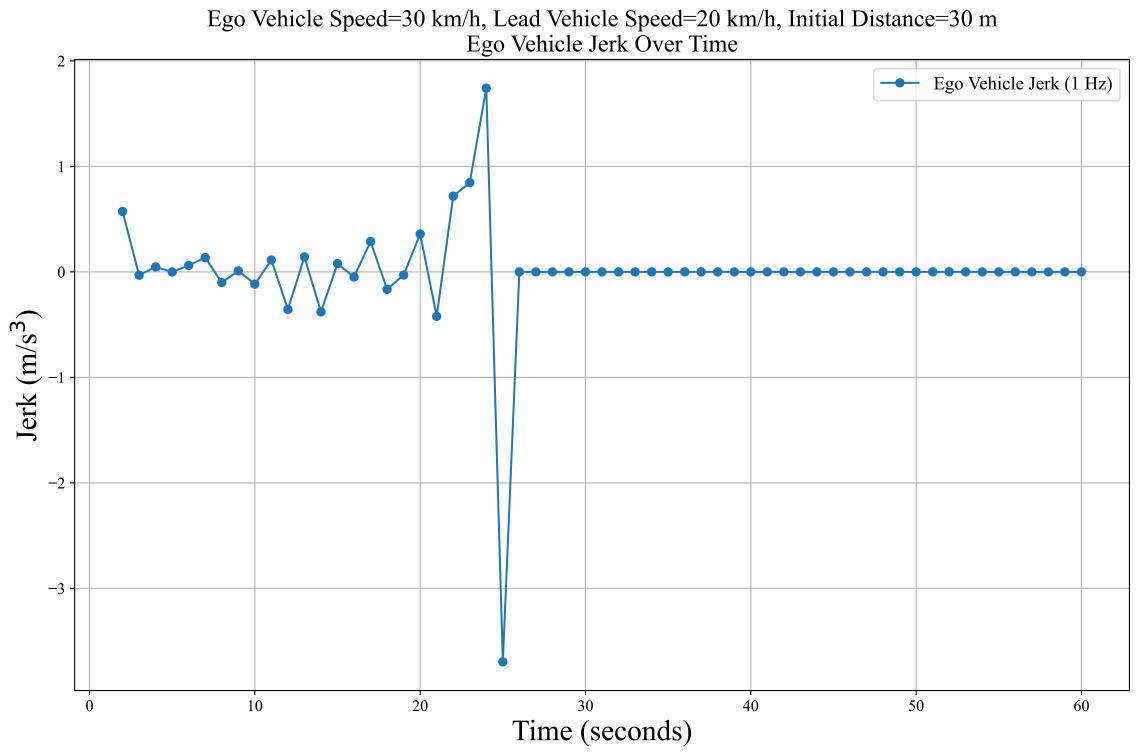
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



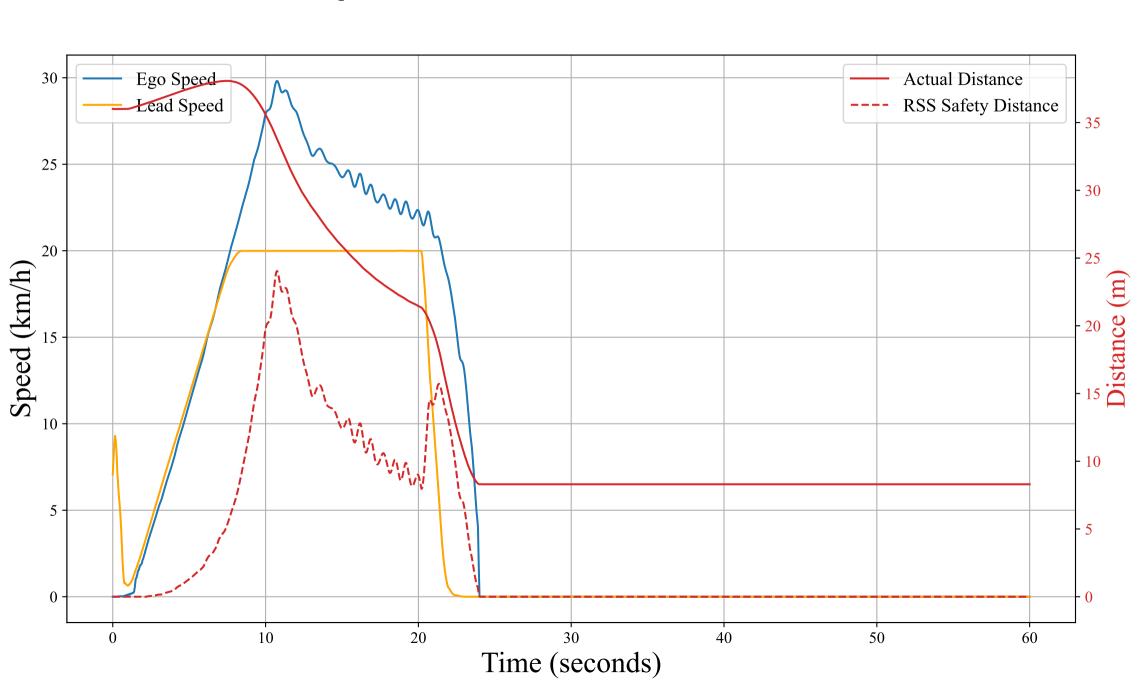
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -3**-4** 20 10 30 40 50 60 Time (seconds)

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



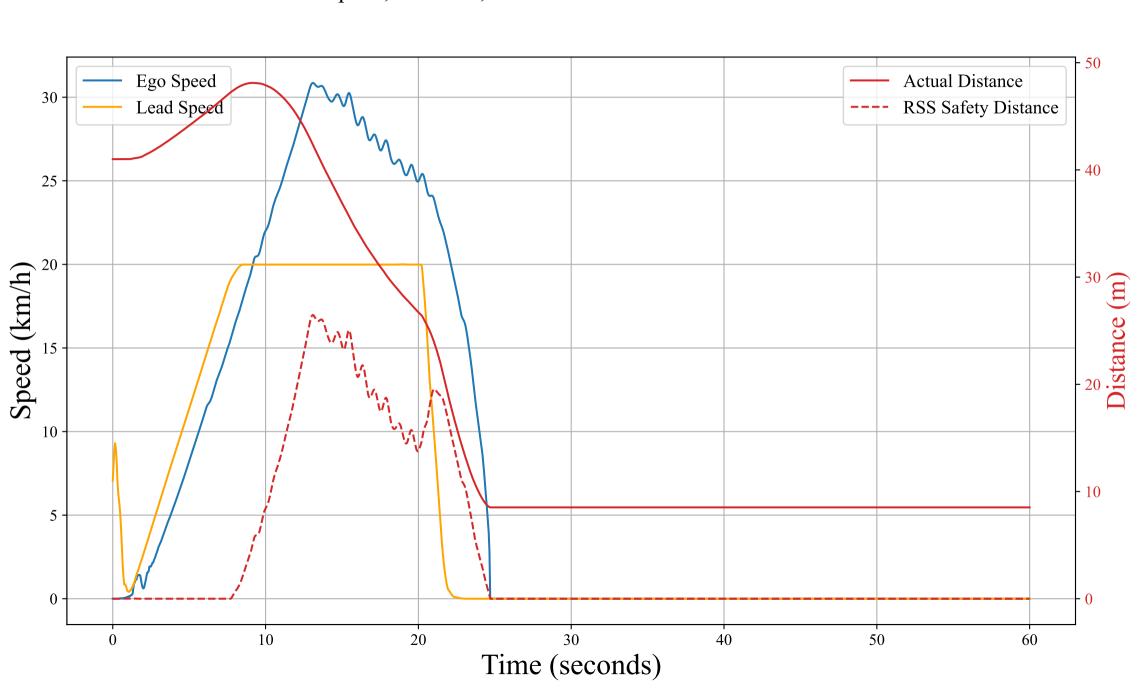


Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



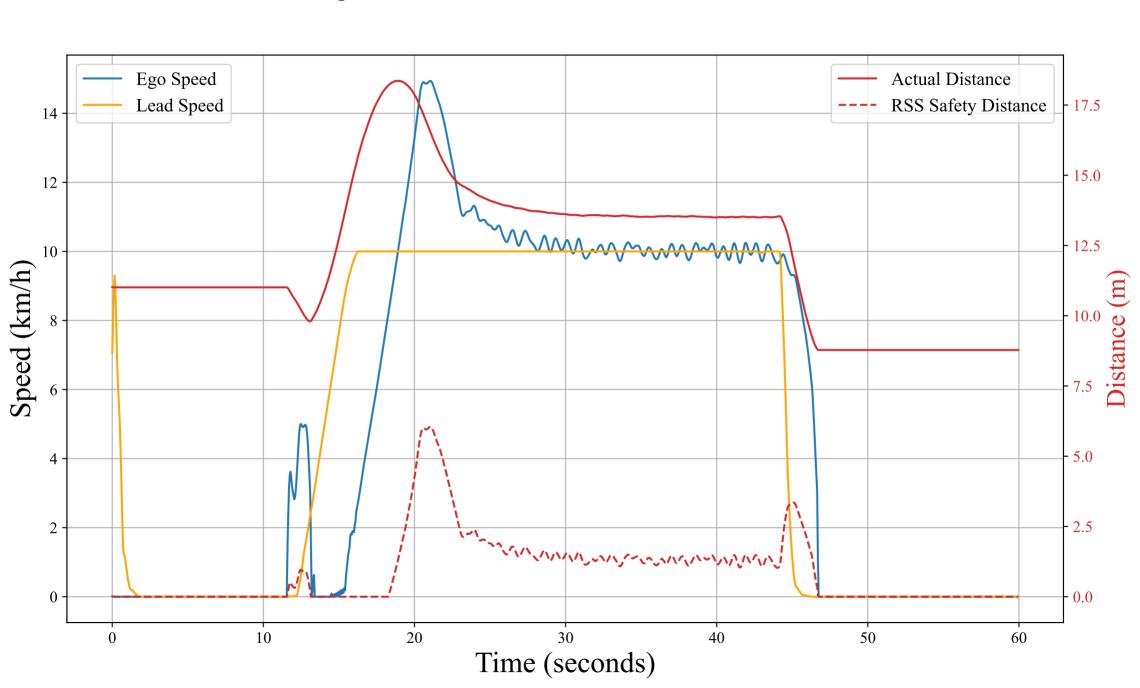
Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



Ego Vehicle Speed=30 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) -1.0-1.520 10 30 50 40 60 0 Time (seconds)

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



Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz)

30

Time (seconds)

40

50

60

20

10

1.5 -

1.0

0.5

0.0

Jerk (m/s³)

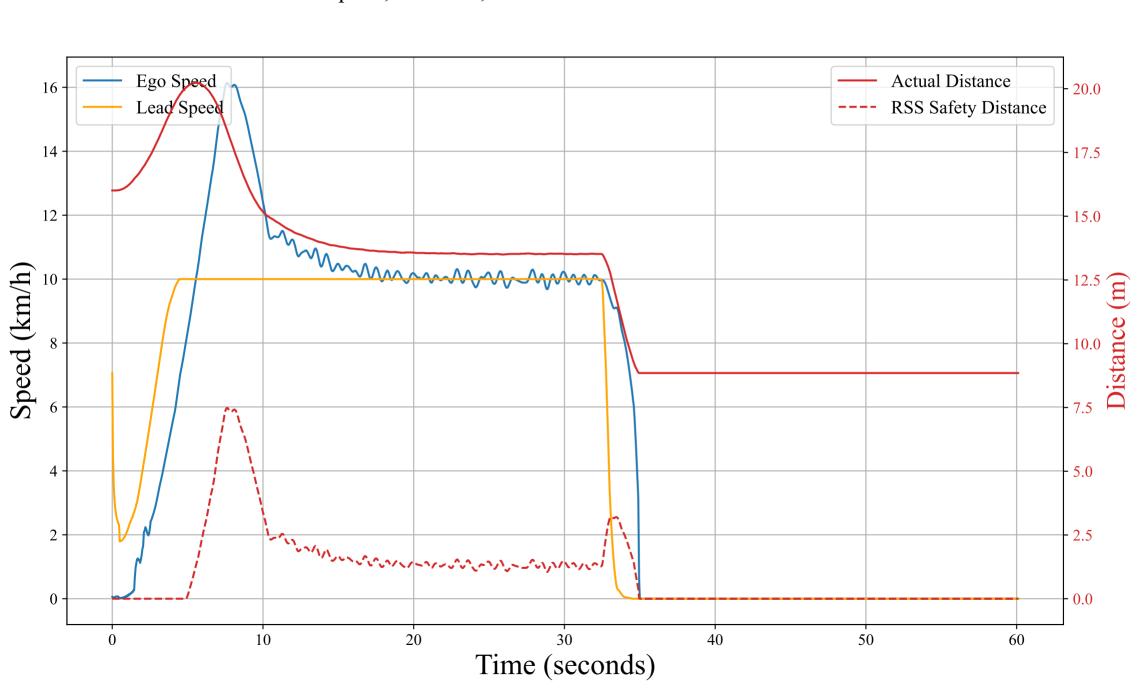
-1.0

-1.5

-2.0

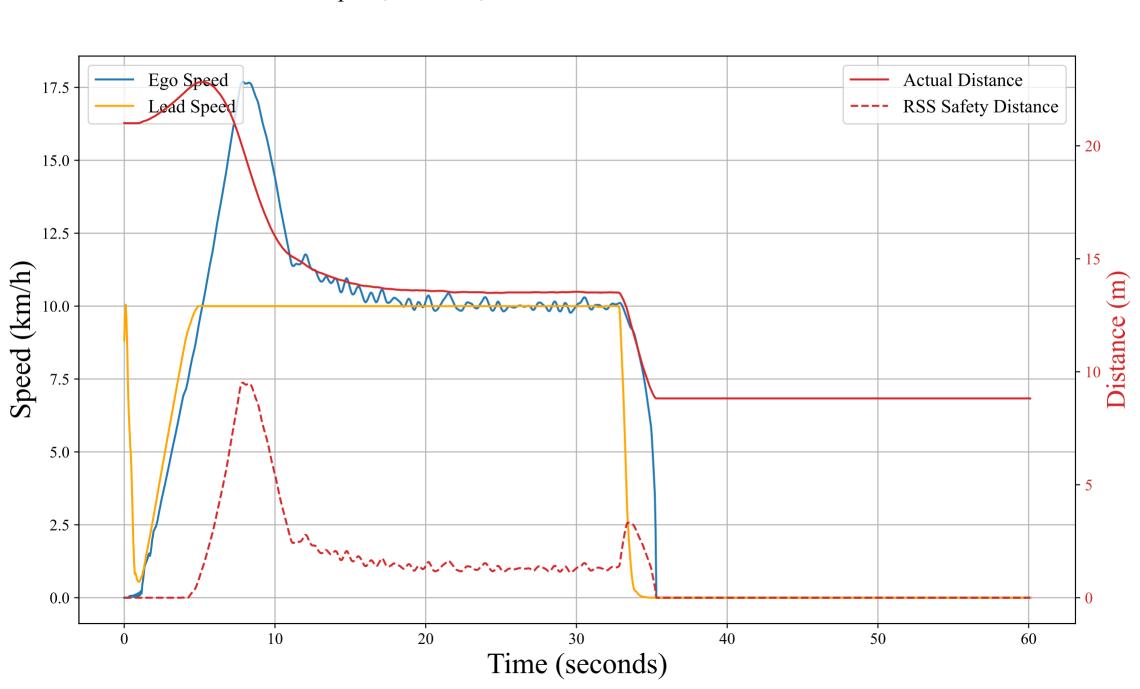
0

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



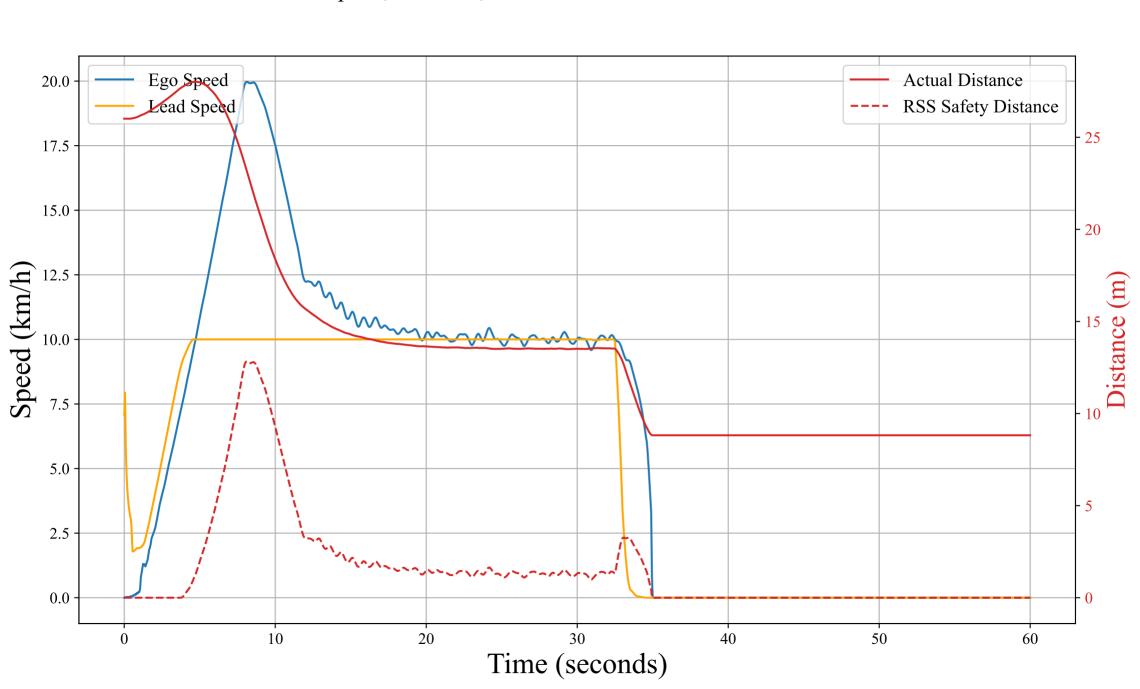
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 · Jerk (m/s³) -3**-4** 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



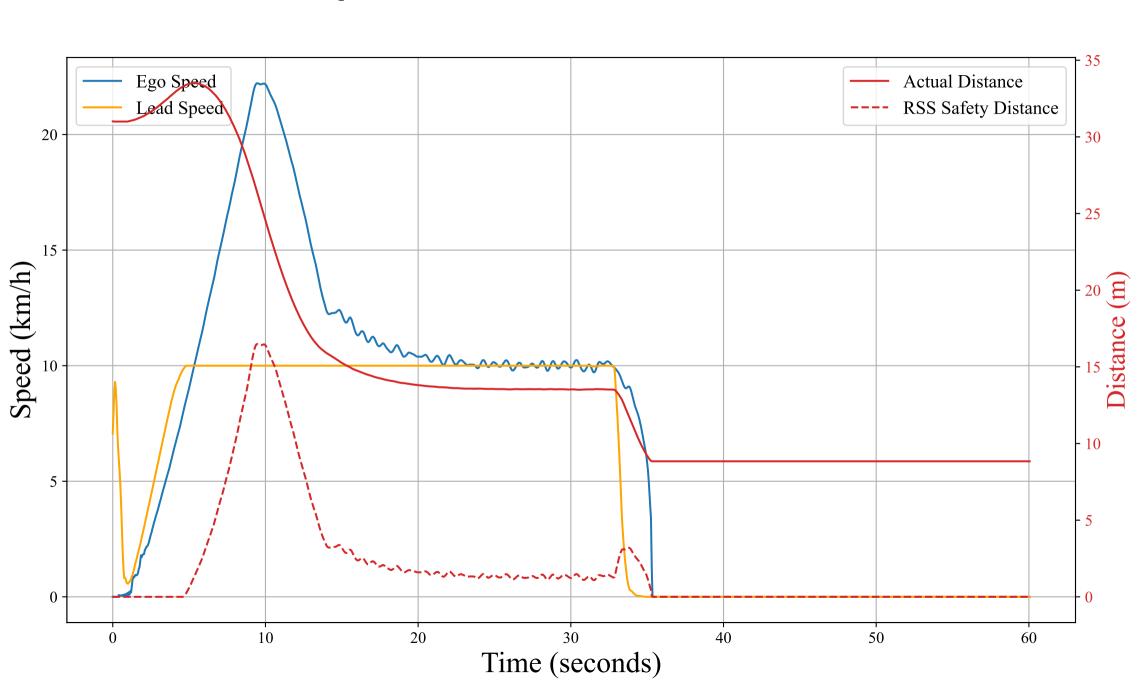
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) -1.0-1.510 30 20 50 40 60 0 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



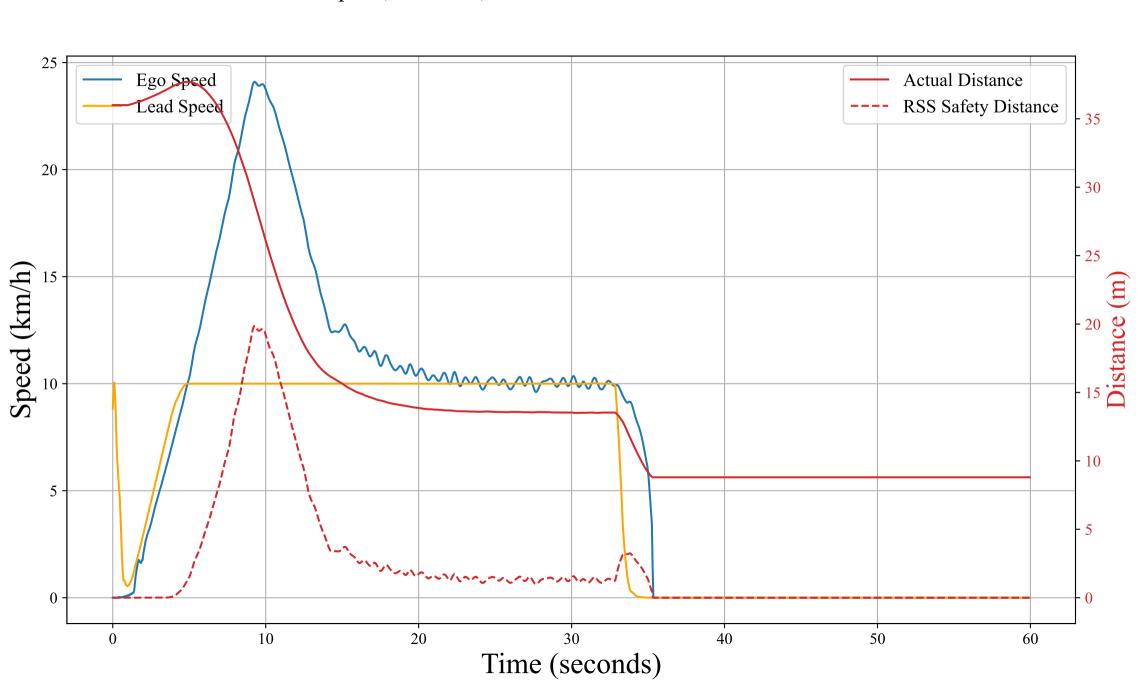
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -3**-4** 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



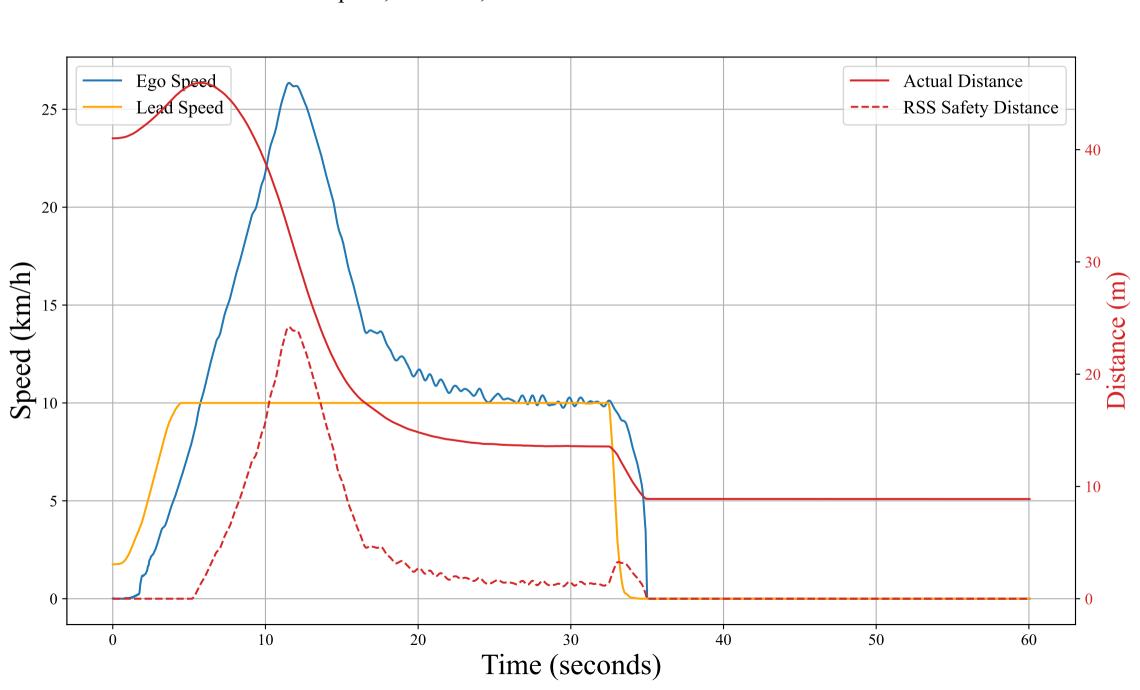
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) -1.0-1.510 30 20 50 40 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



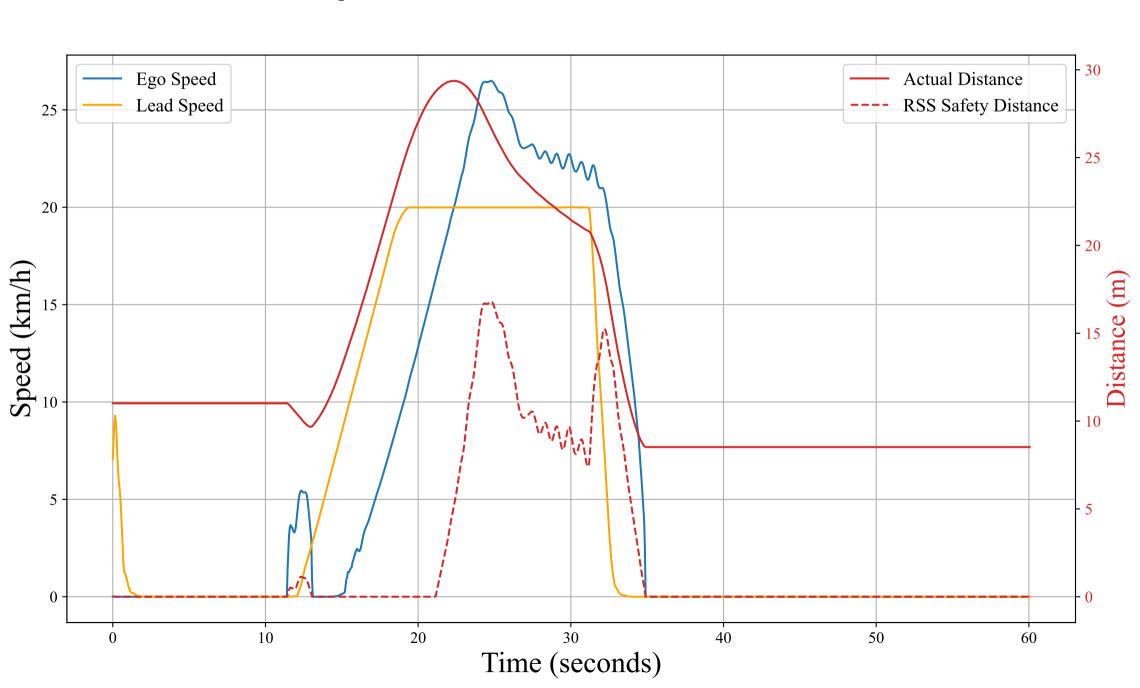
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) -1.0-1.520 10 30 40 50 60 0 Time (seconds)

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



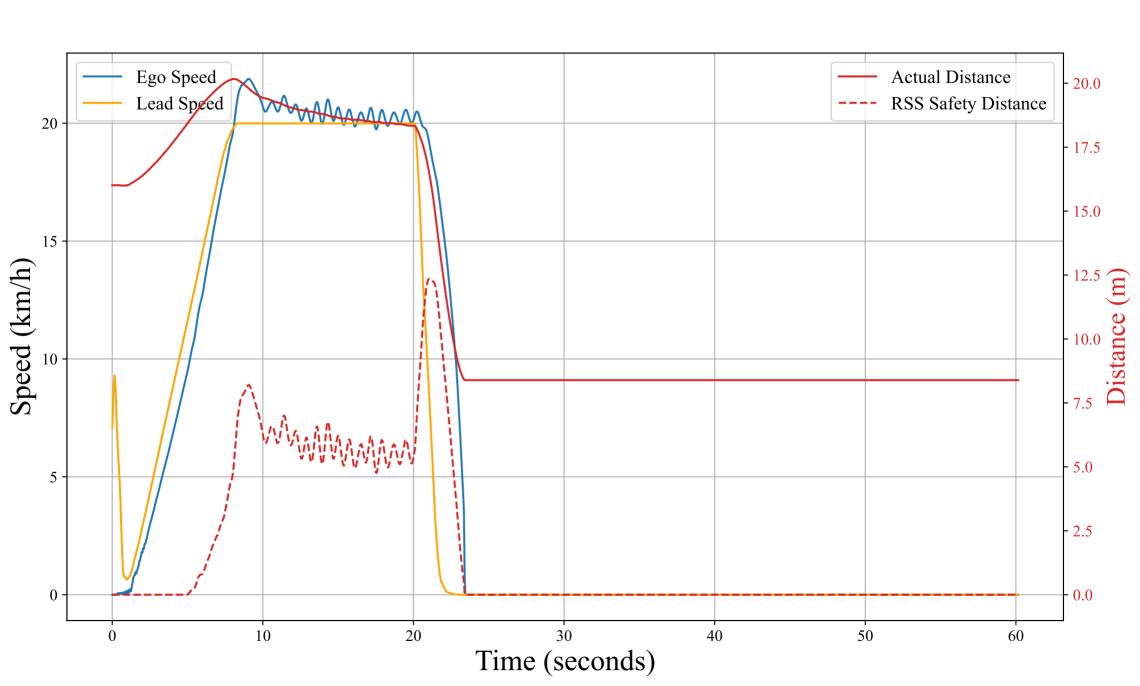
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



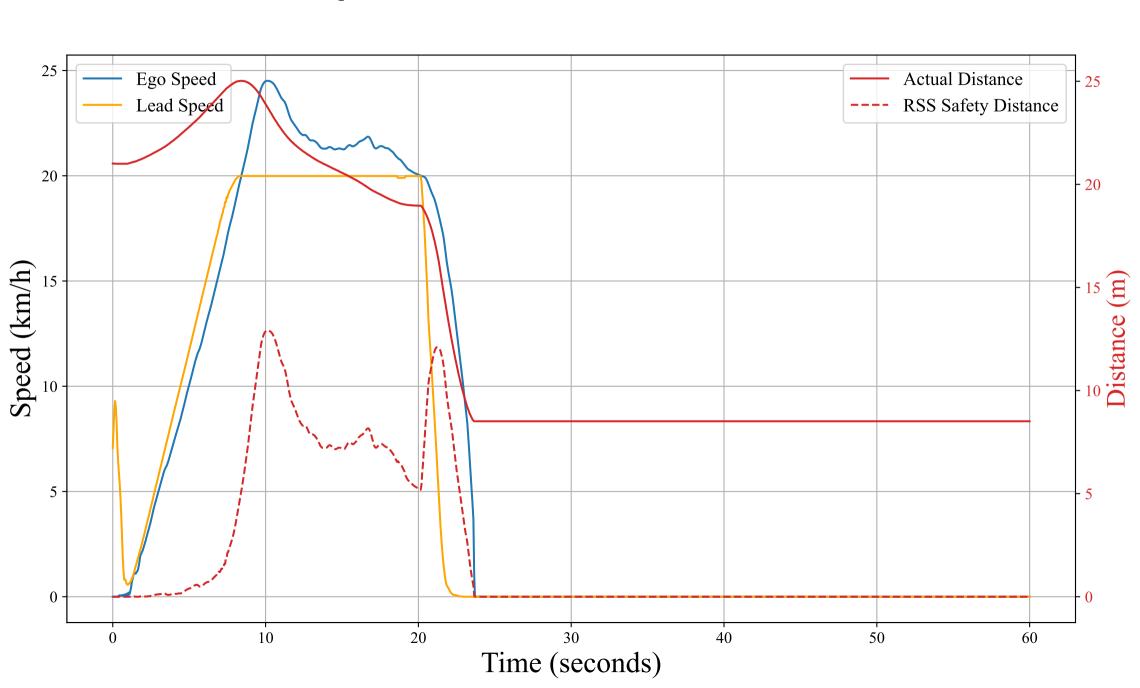
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



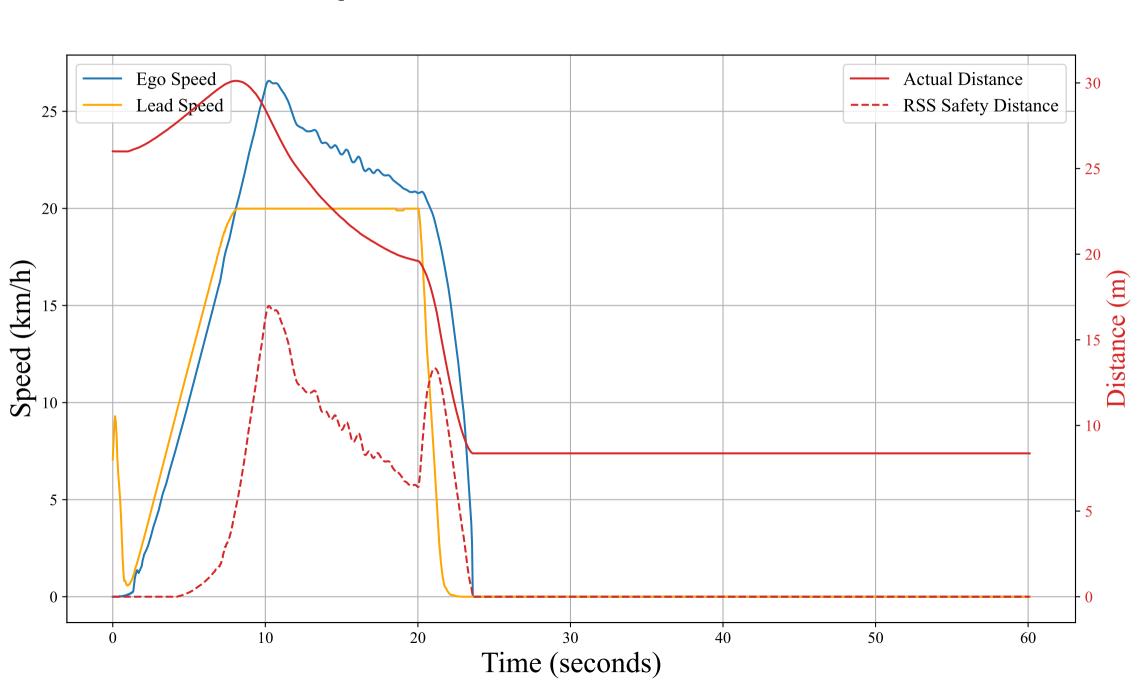
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0 Jerk (m/s³) -2**−**3 · 20 30 10 40 50 60 Time (seconds)

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



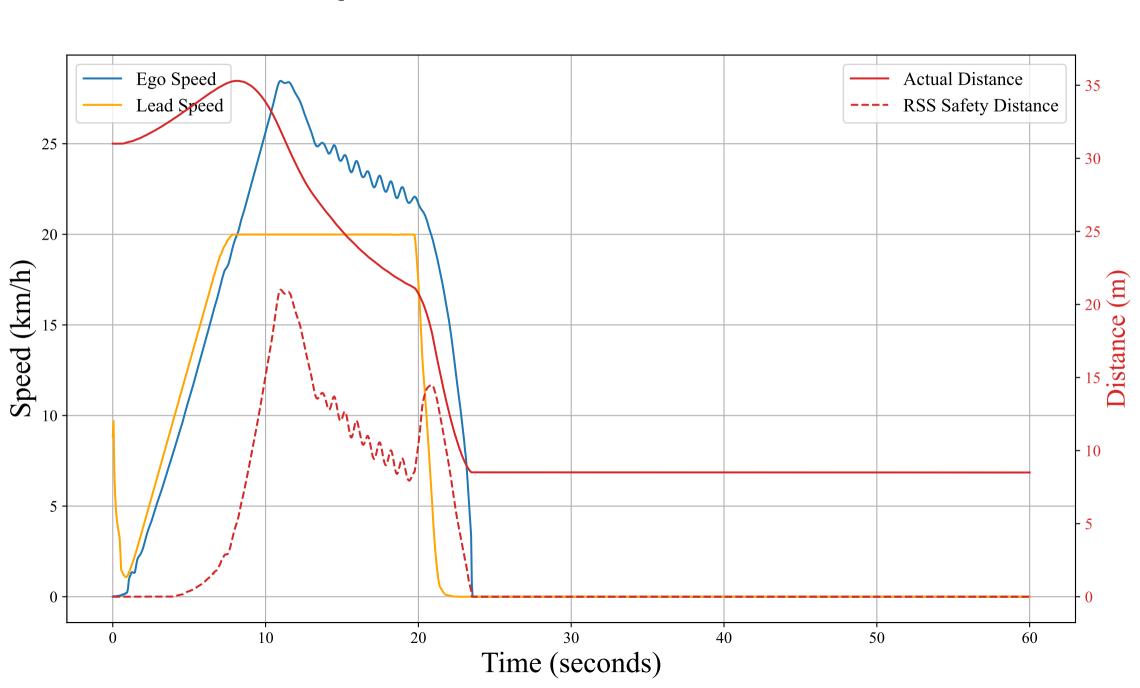
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s³) -1.0-1.510 20 30 0 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



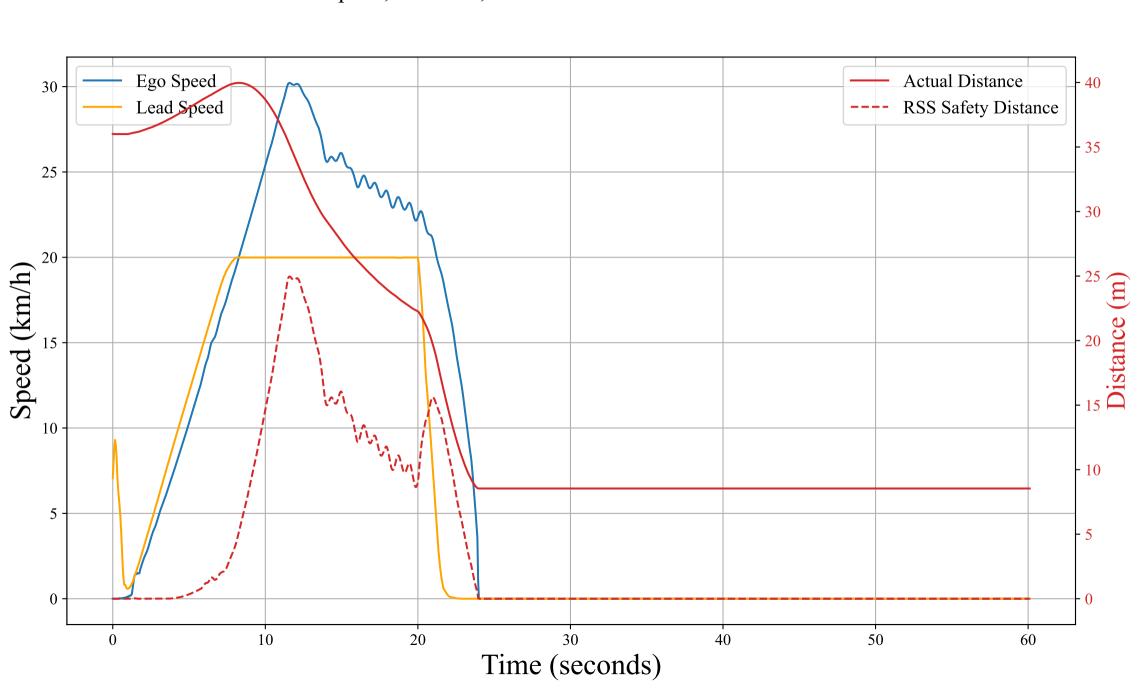
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time 1.0 Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.020 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



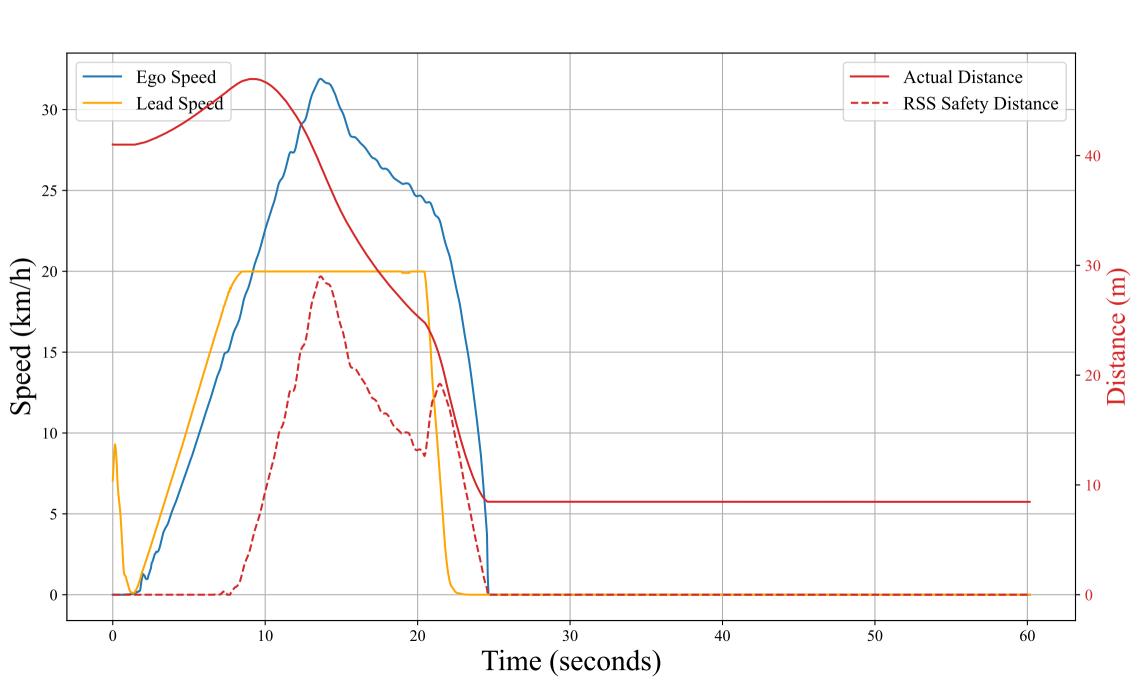
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.020 10 30 50 40 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



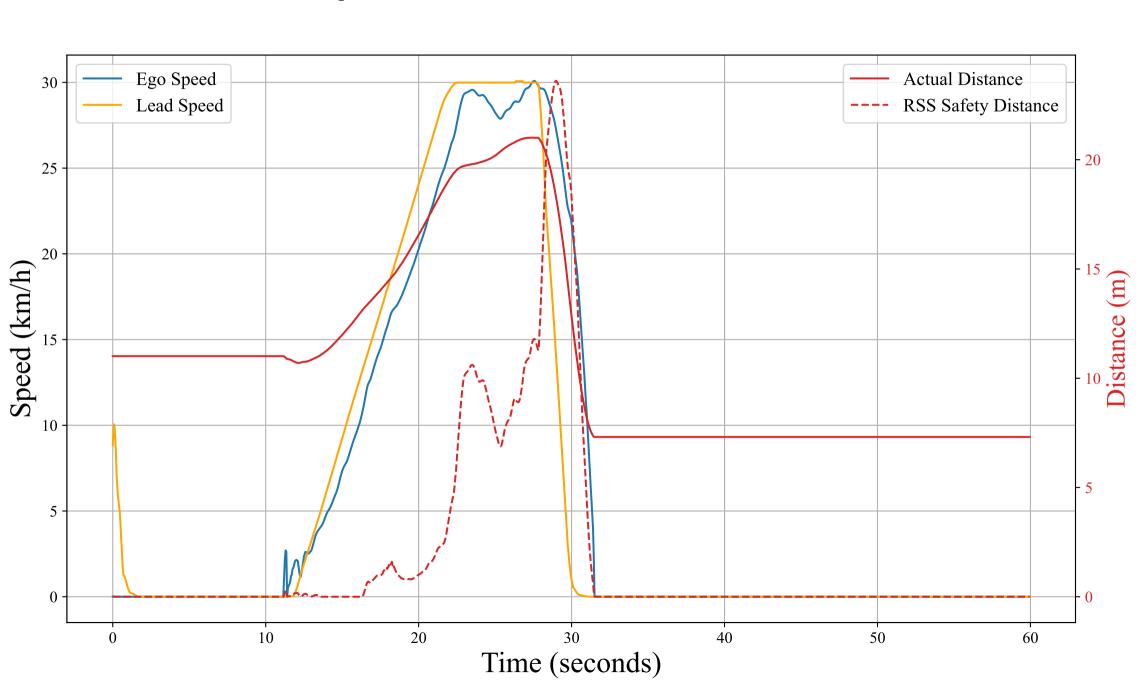
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 · Jerk (m/s³) -3**−**5 · 20 10 30 40 50 60 Time (seconds)

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



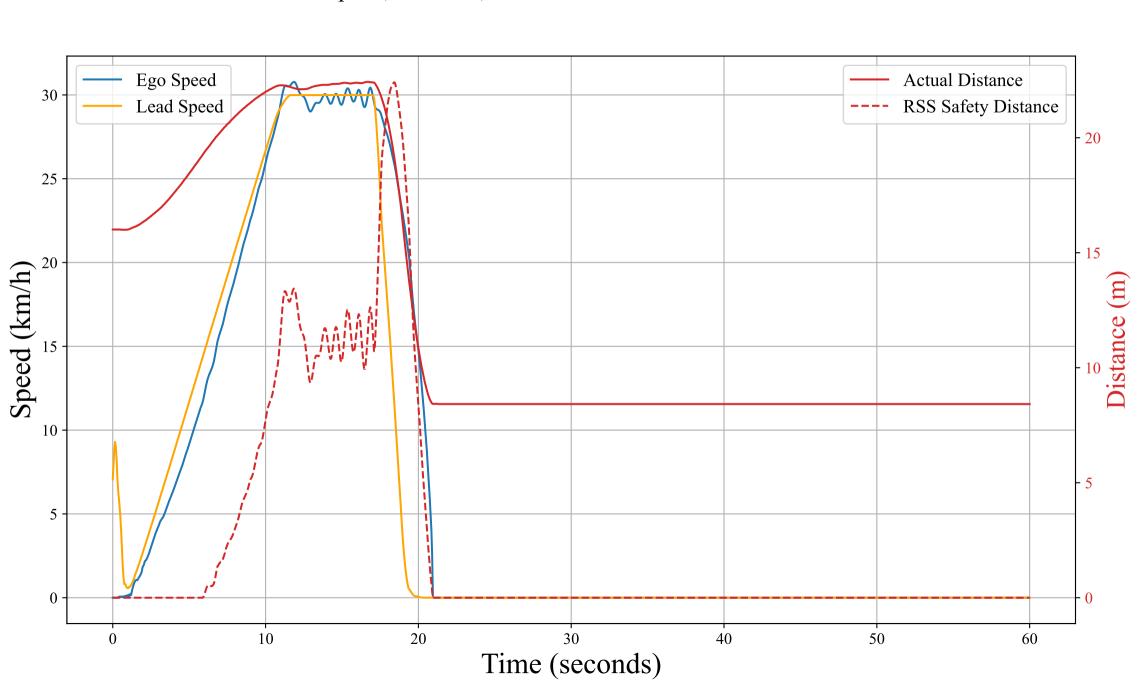
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.020 10 30 50 40 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



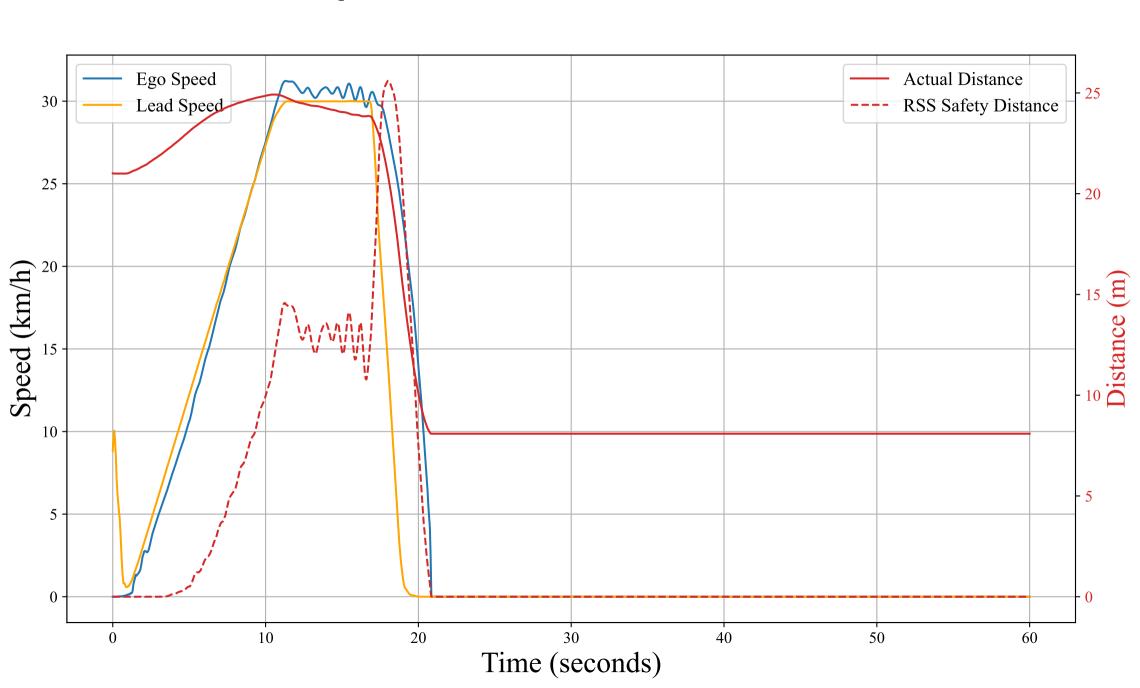
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -3**-4** 10 20 30 50 40 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



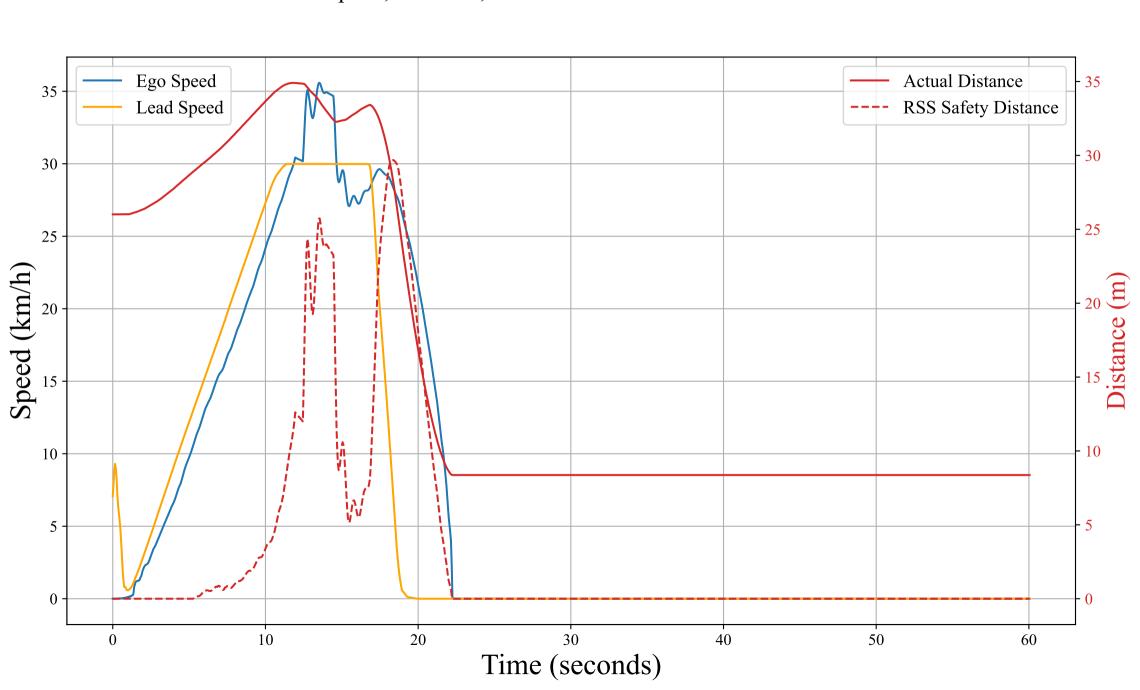
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=15 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) 2 $\int_{c} \operatorname{Jerk}(m/s^3)$ -3**-**5 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



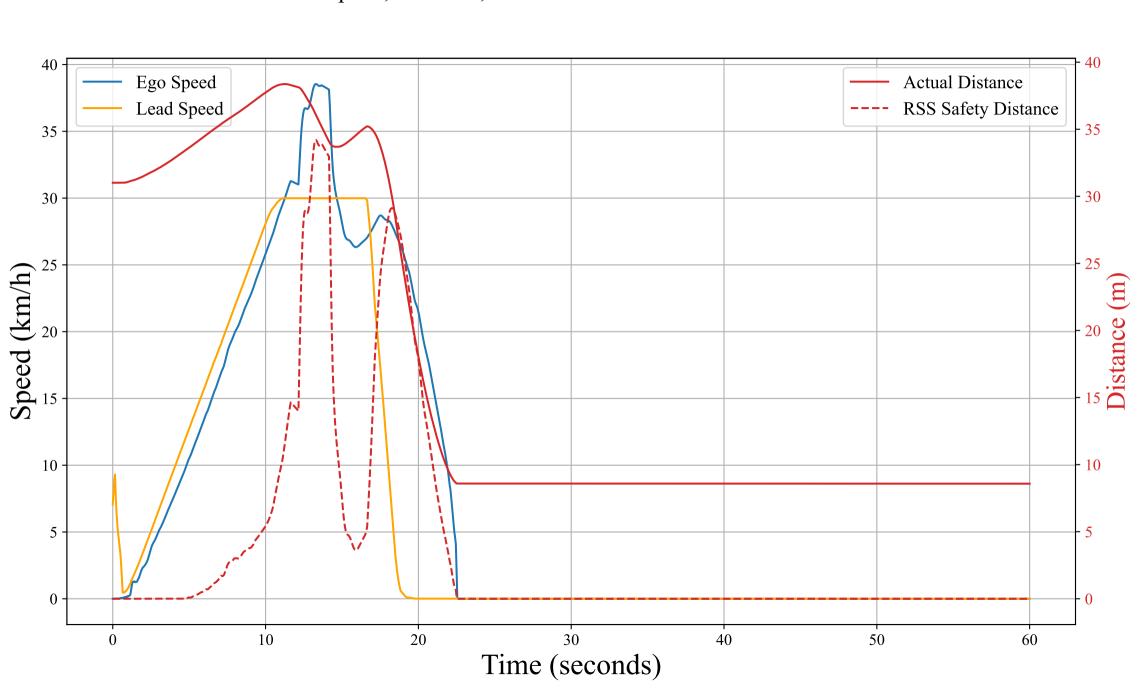
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s³) -1.0-1.520 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



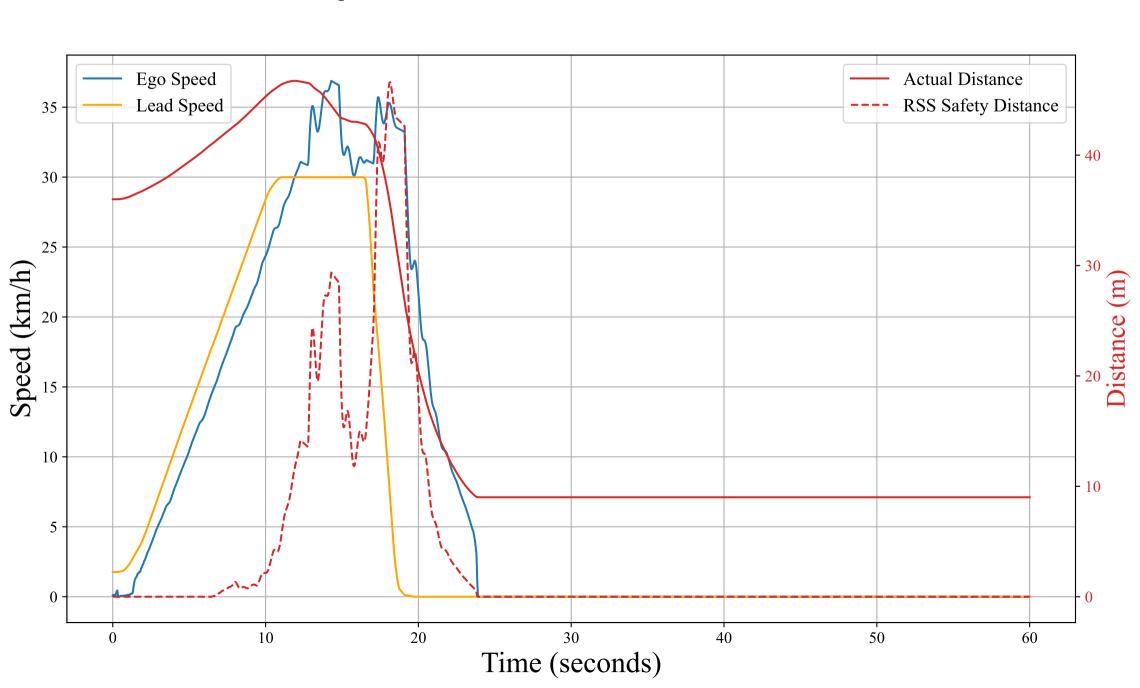
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2-320 10 30 40 50 60 Time (seconds)

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



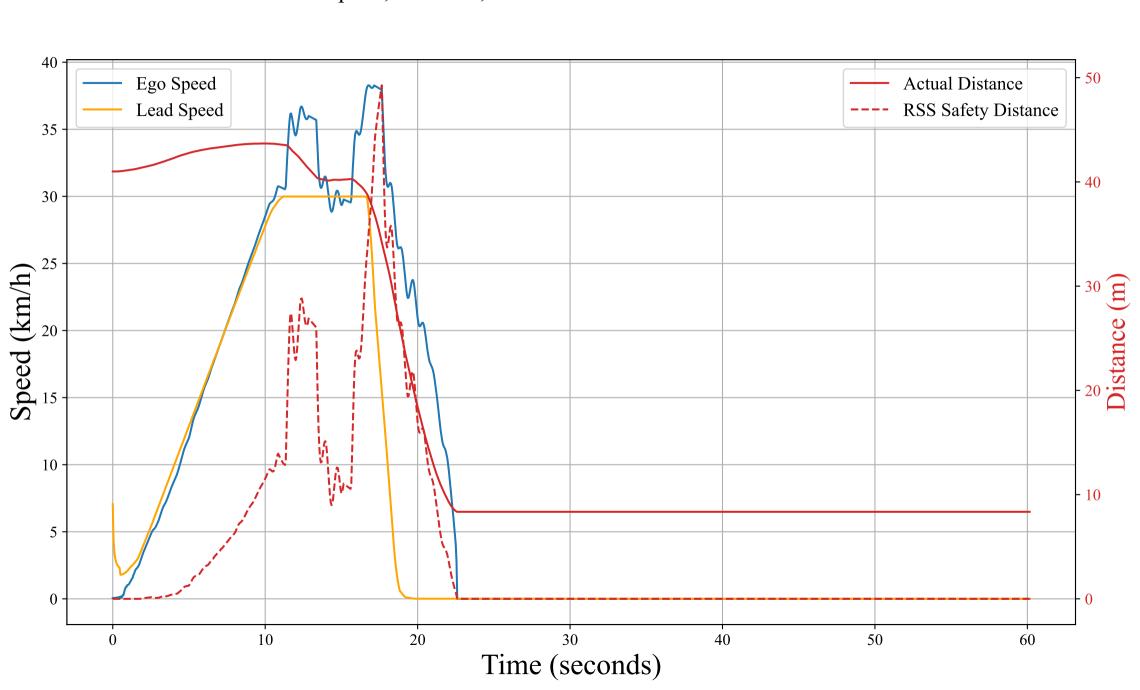
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.010 20 30 50 40 60 0 Time (seconds)

Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



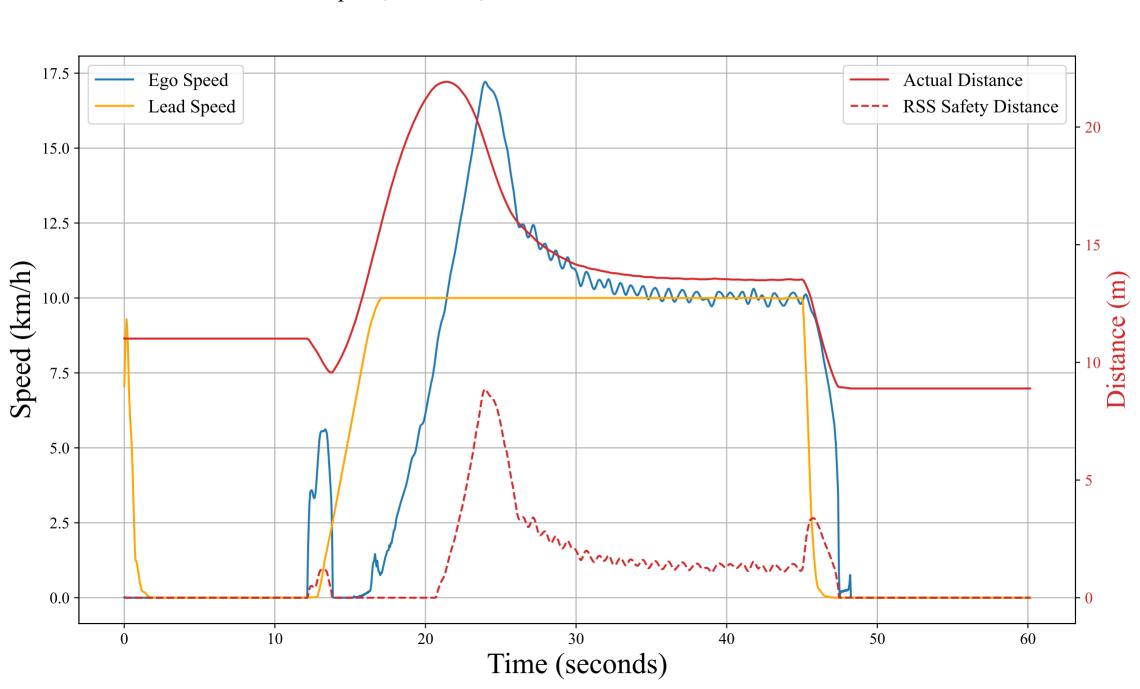
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 · Jerk (m/s³) -2**-**3 · 20 30 10 40 50 60 Time (seconds)

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



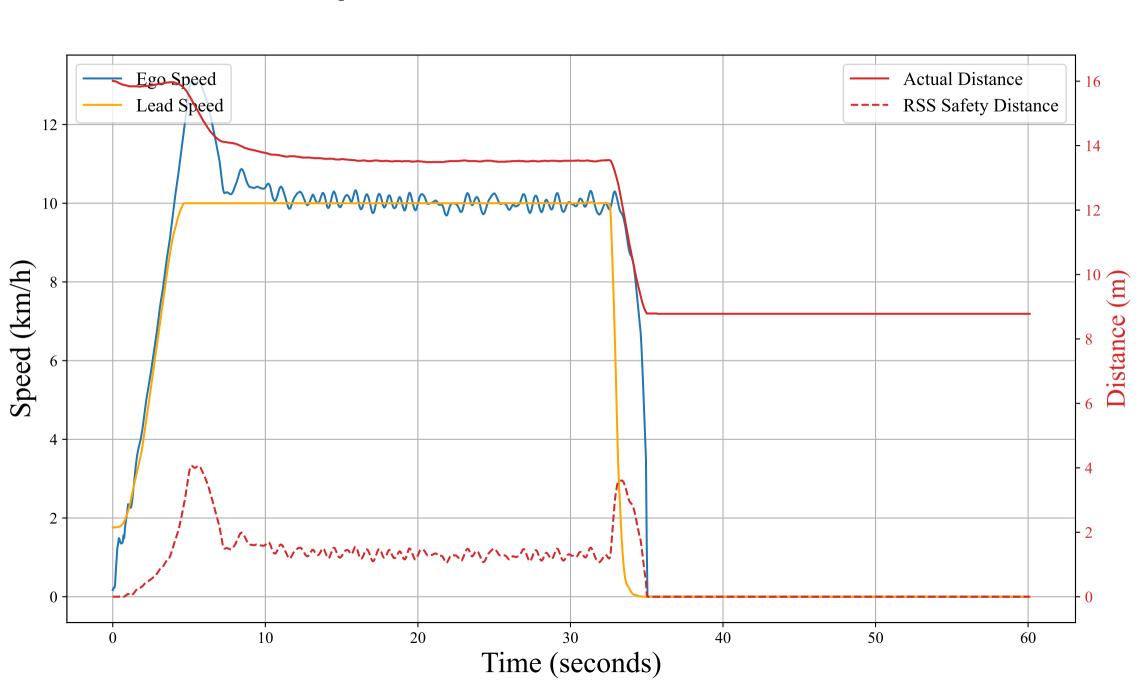
Ego Vehicle Speed=40 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -220 10 30 40 50 60 Time (seconds)

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



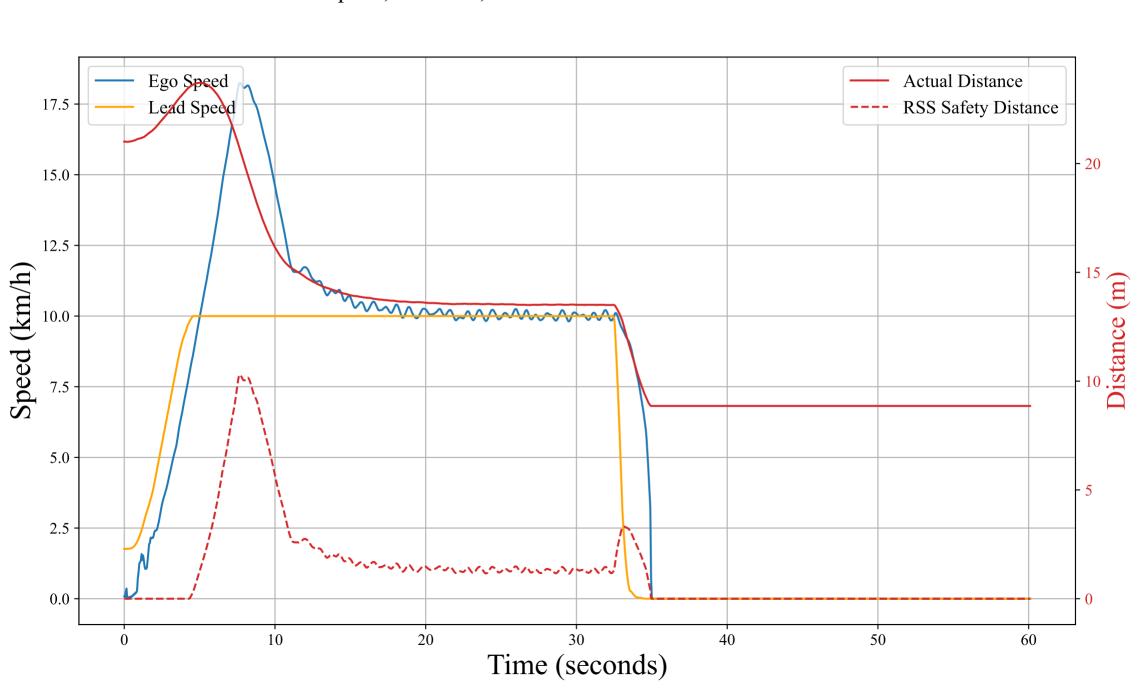
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) -1.0-1.510 20 30 50 40 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



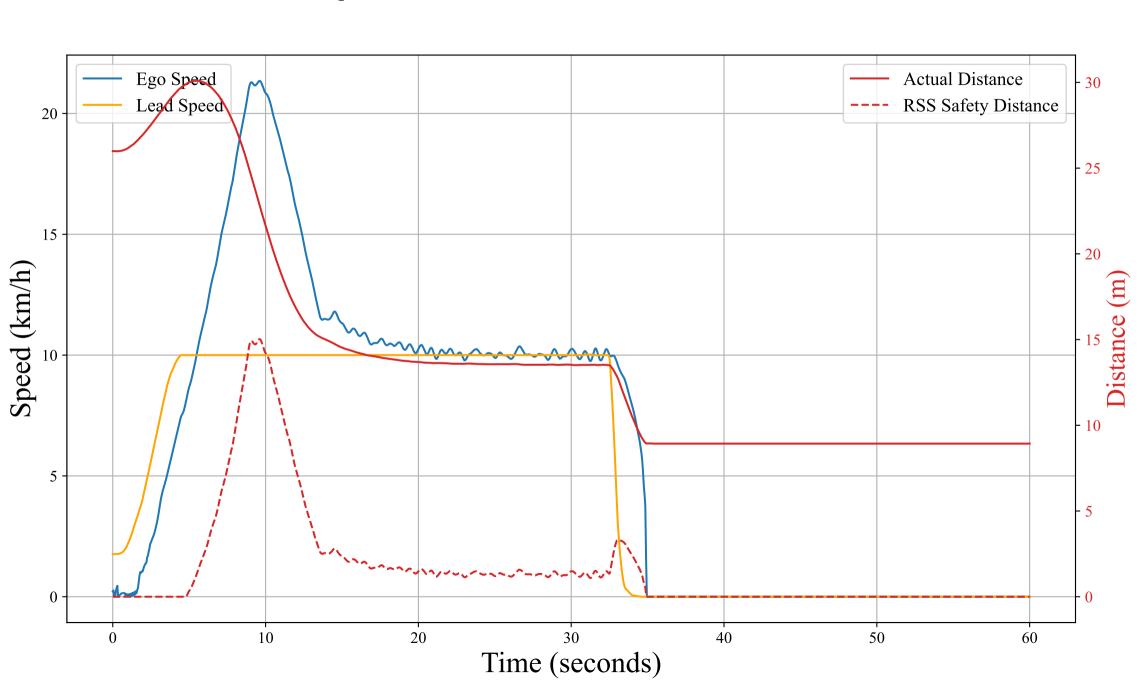
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=15 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



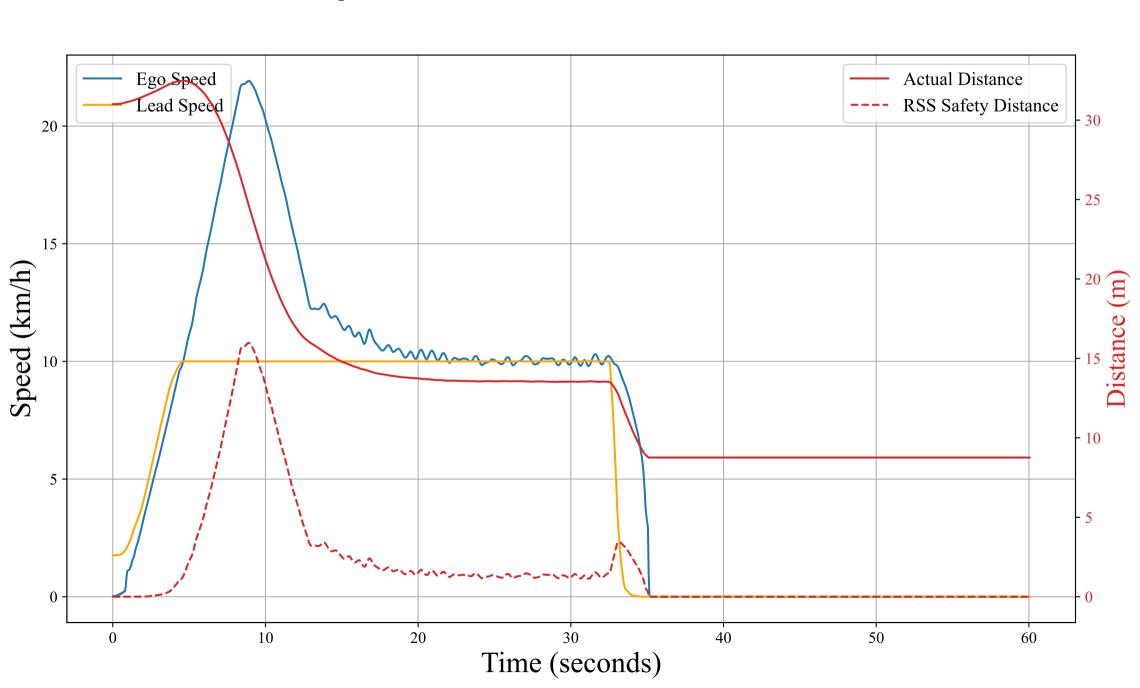
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



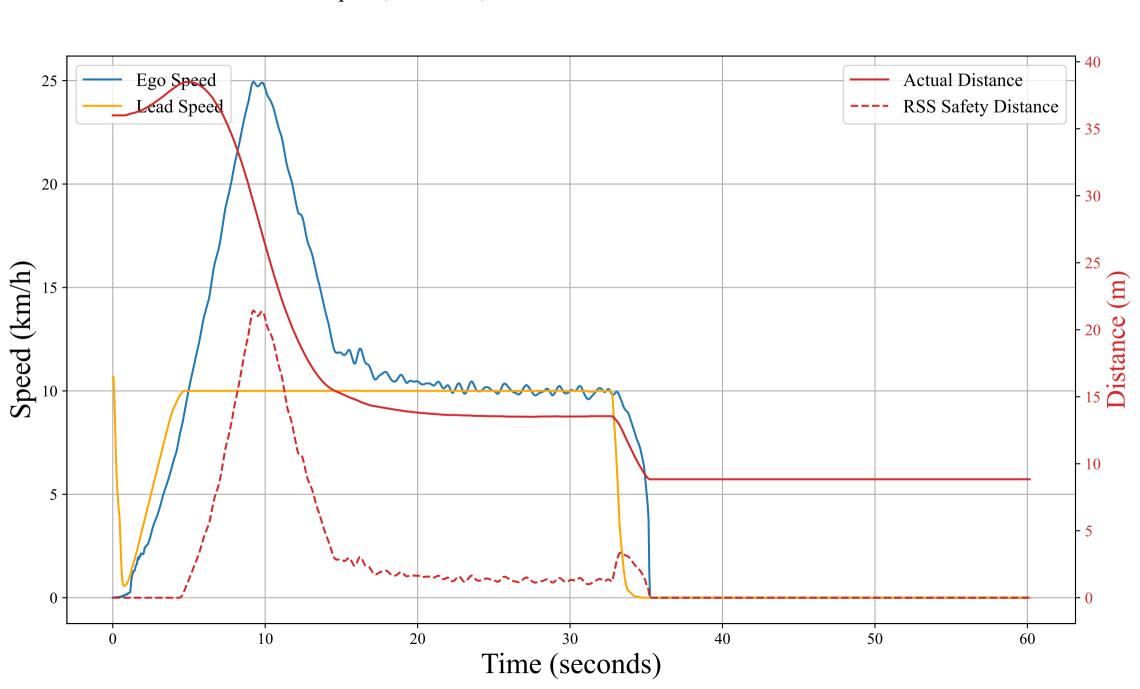
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s³) -2**-**3 -4 20 30 10 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



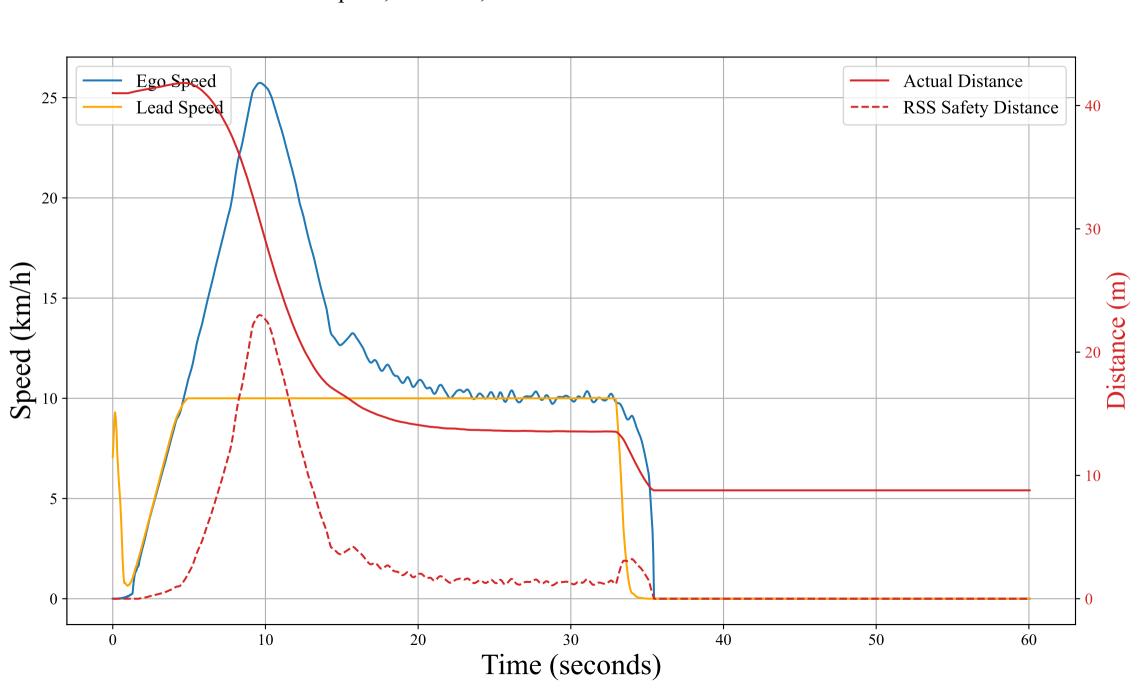
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) **-**2 **-**3 20 30 10 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



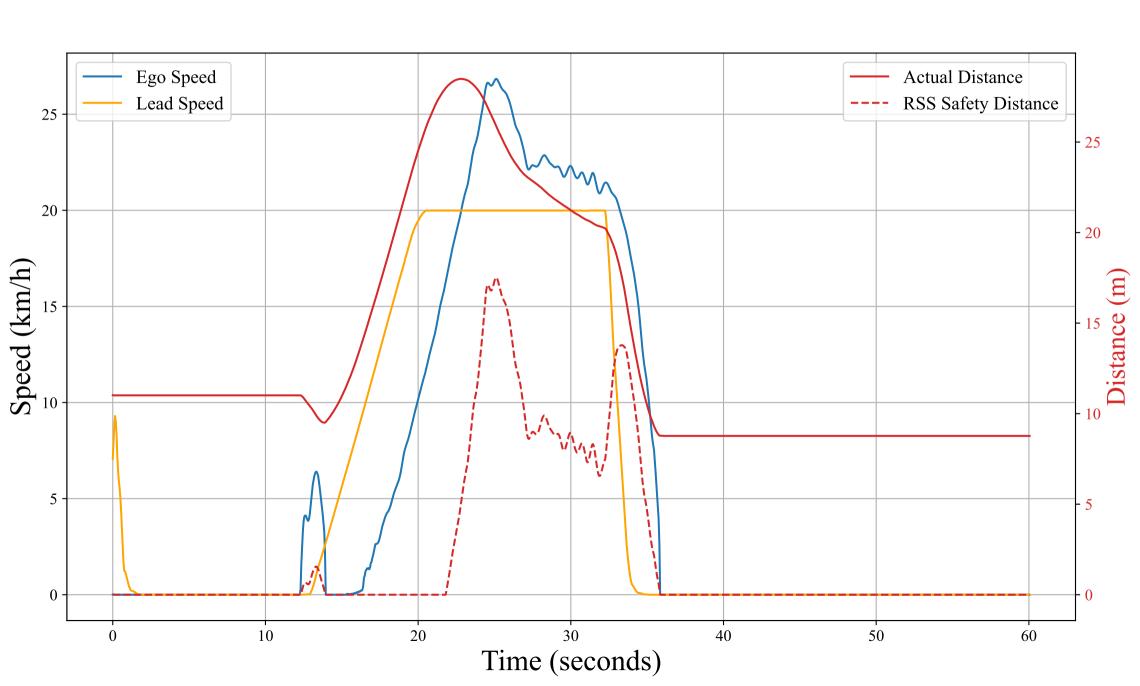
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=35 m Ego Vehicle Jerk Över Time Ego Vehicle Jerk (1 Hz) 1.5 1.0 0.5 Jerk (m/s^3) -1.0-1.5-2.0-2.5 -10 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



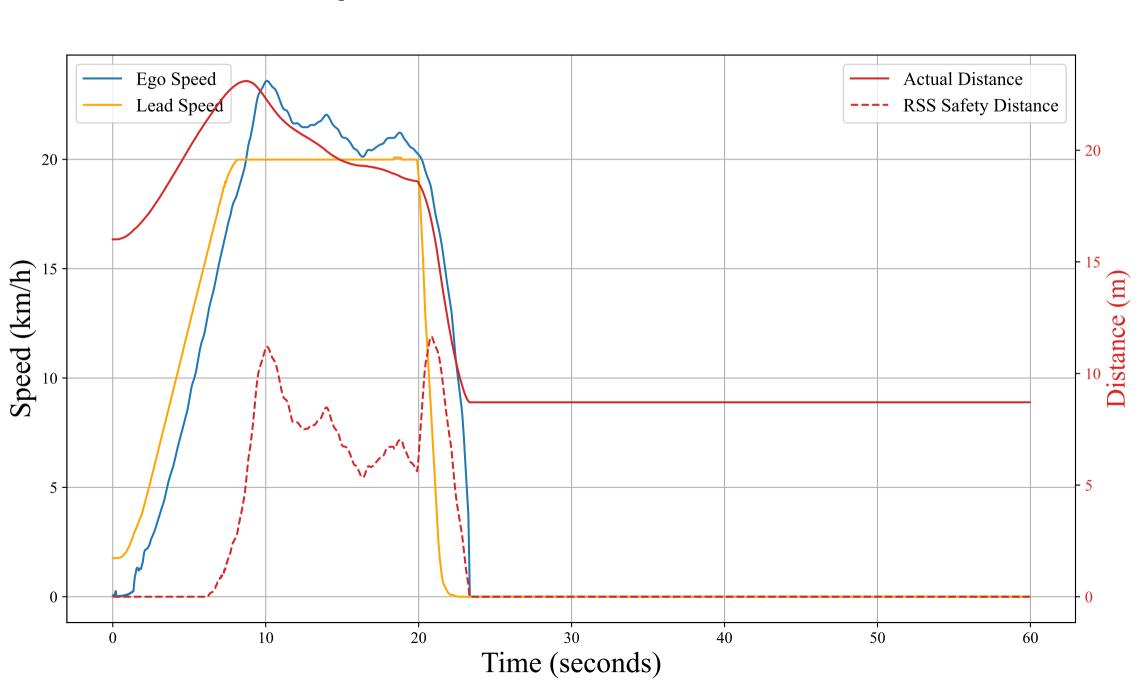
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=10 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.75 0.50 0.25 Jerk (m/s³) -0.50-0.75-1.0020 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



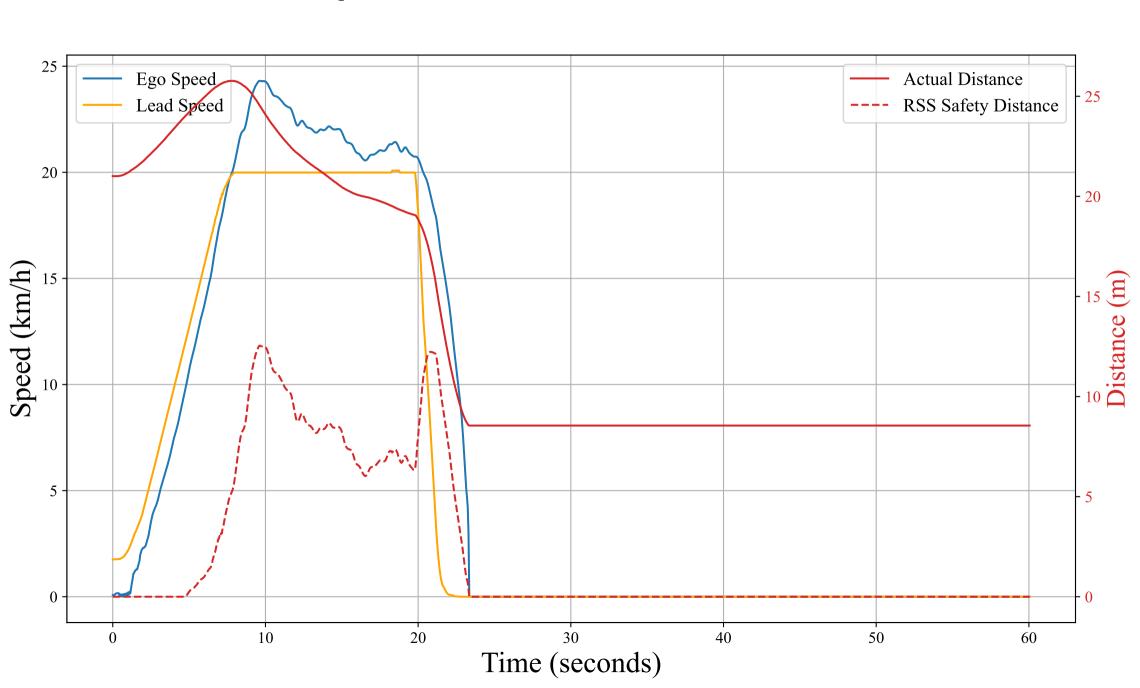
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk(m/s^3)$ -310 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



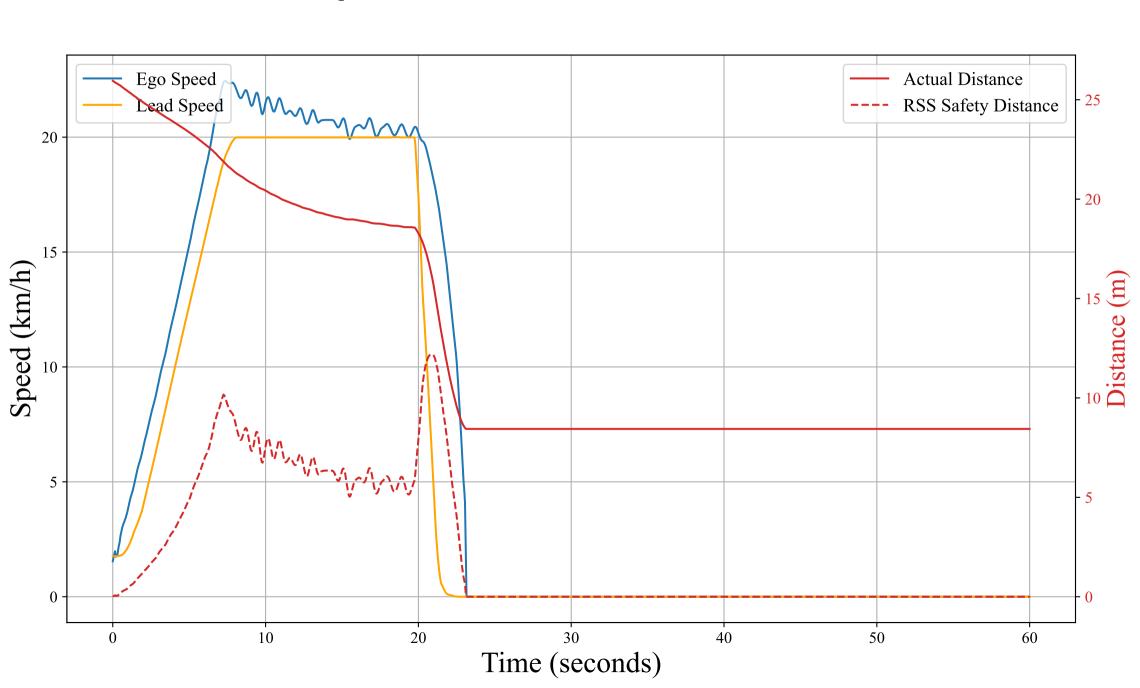
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -210 20 30 40 50 60 Time (seconds)

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



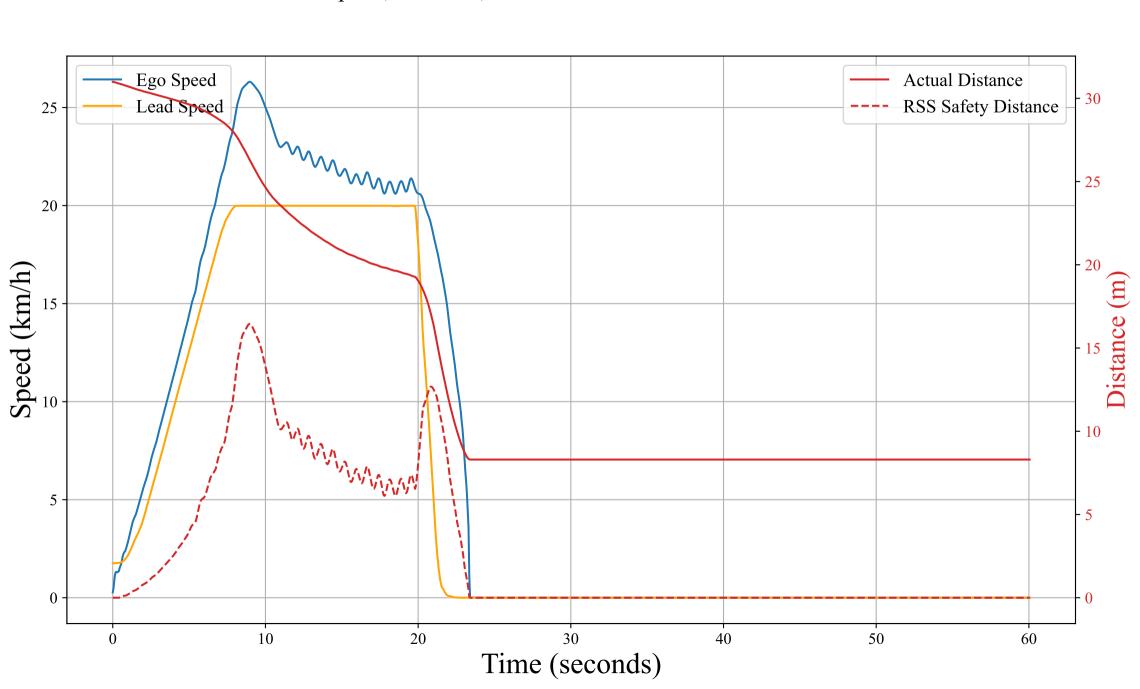
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -2**−**3 · 10 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



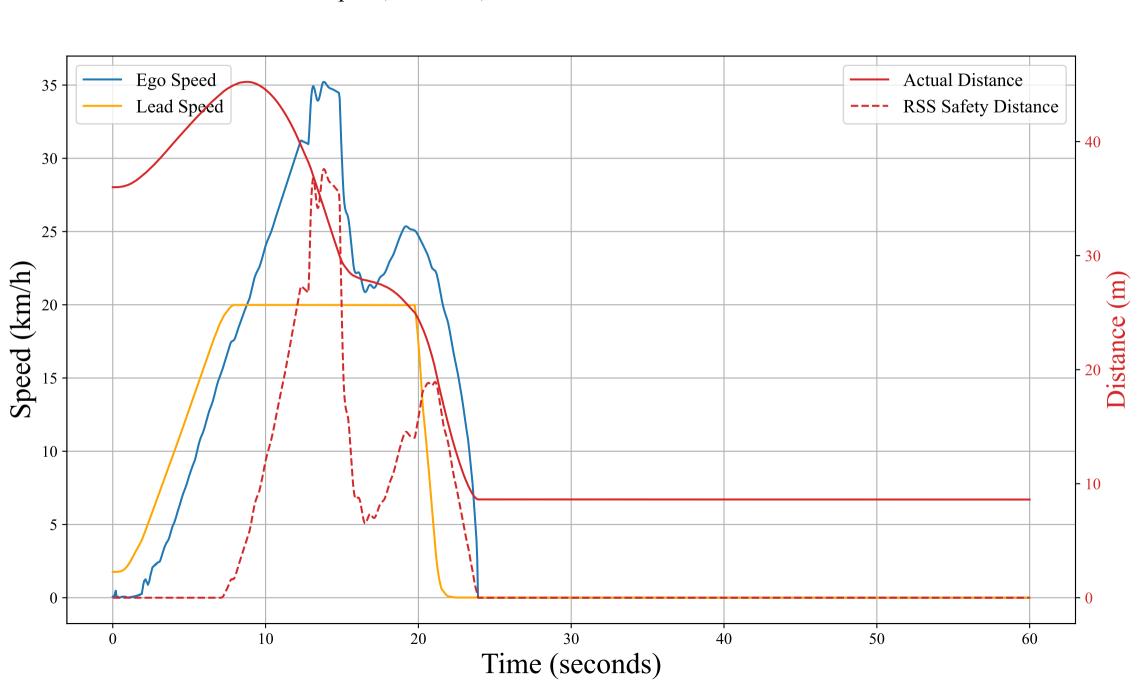
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -3**-4** 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



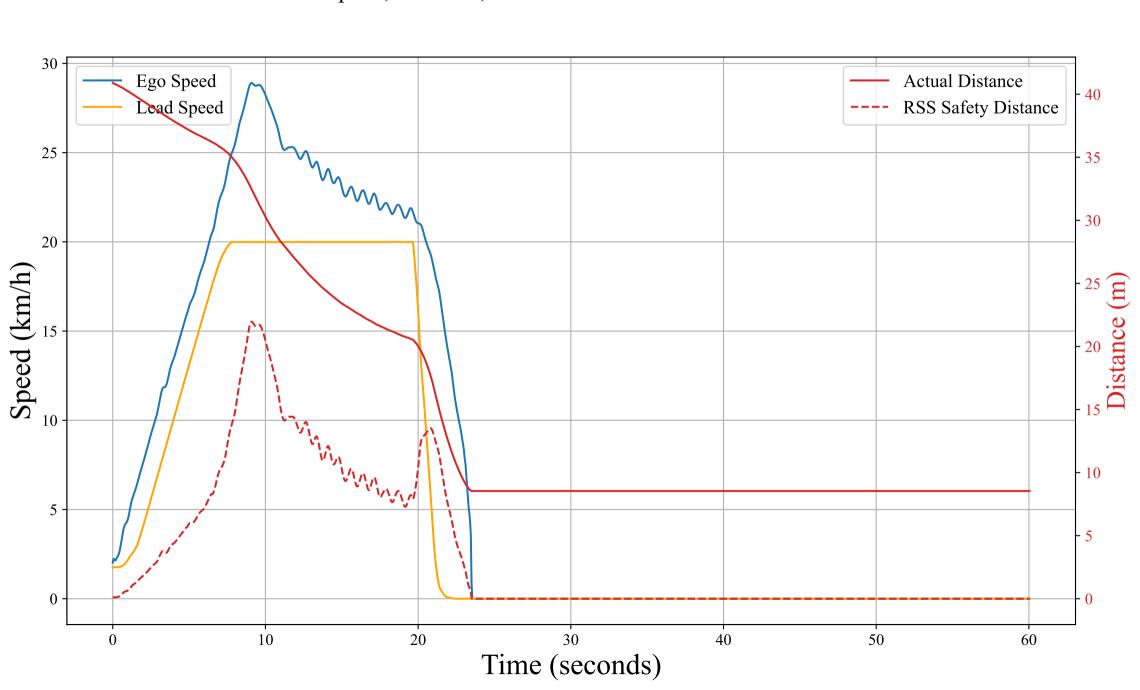
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s^3) -1.5-2.0-2.520 10 30 40 50 60 0 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



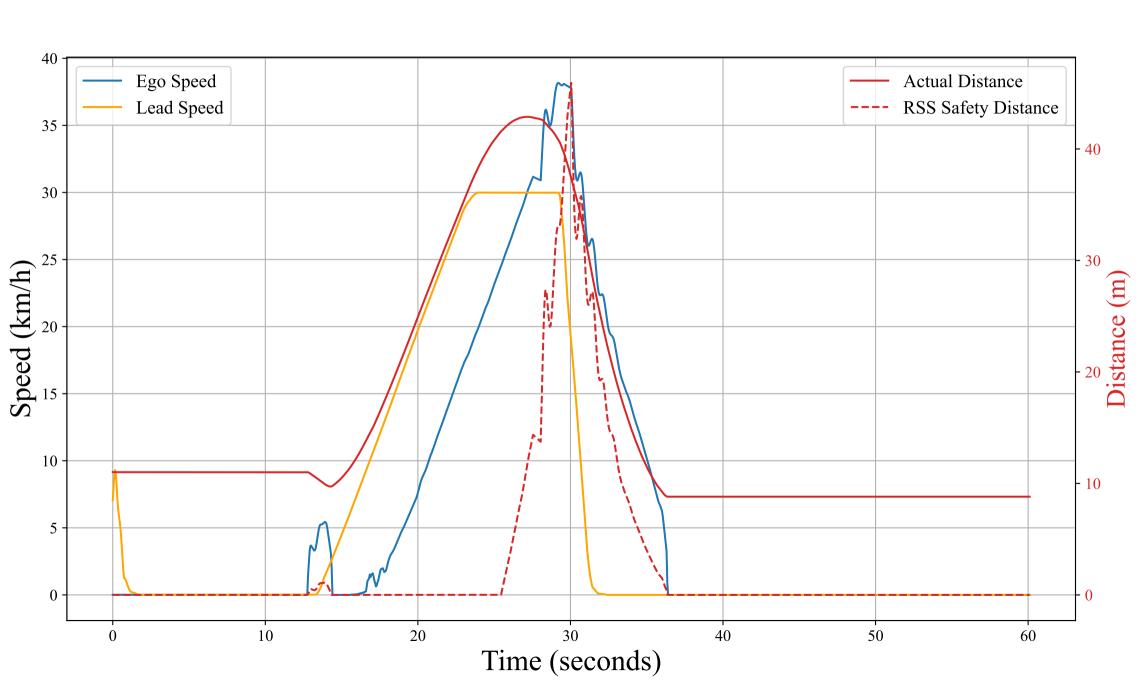
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s³) -220 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



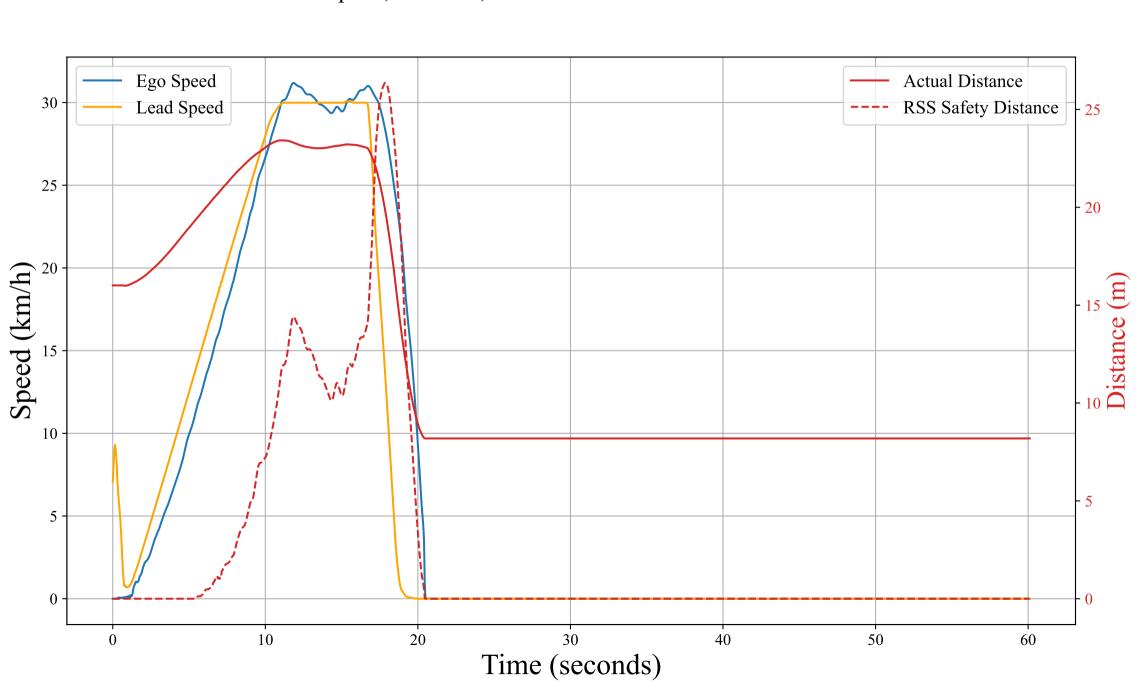
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=20 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0.5 0.0 Jerk (m/s³) -1.0-1.520 10 30 40 50 60 0 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



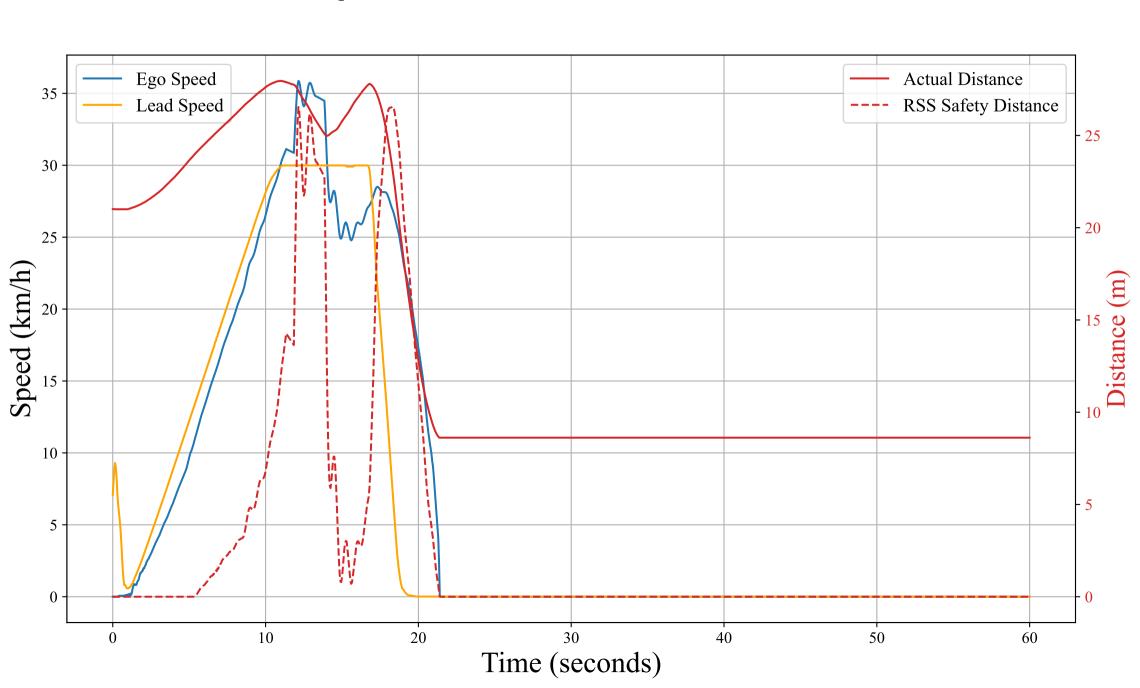
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -2-320 30 10 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



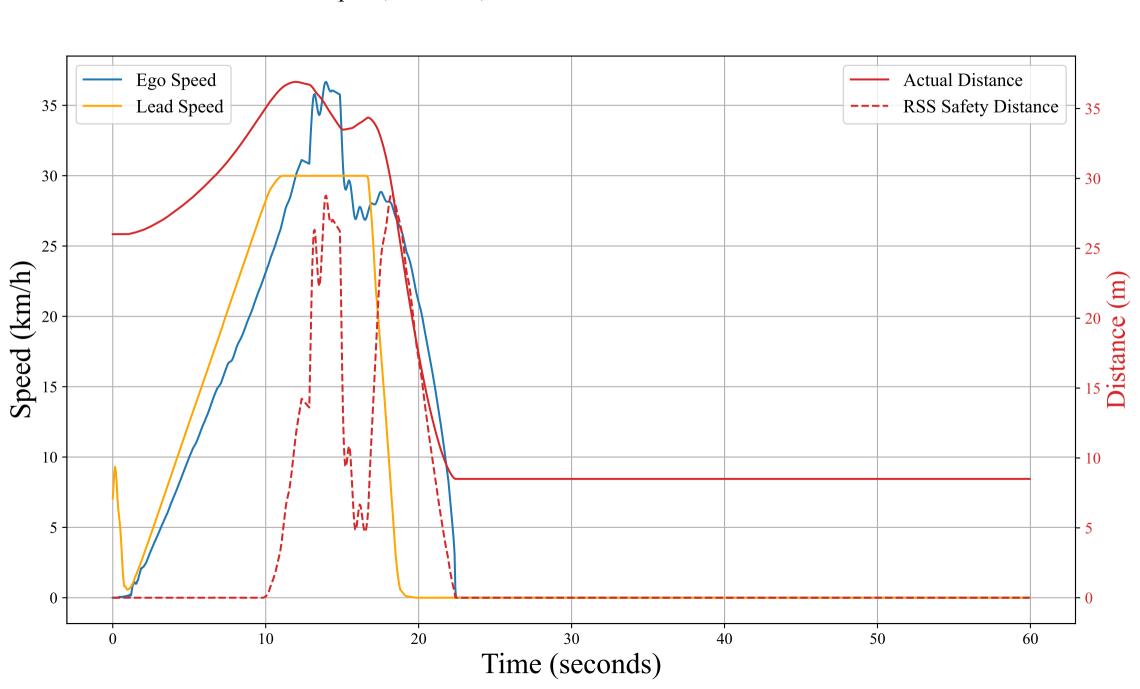
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s^3) -310 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



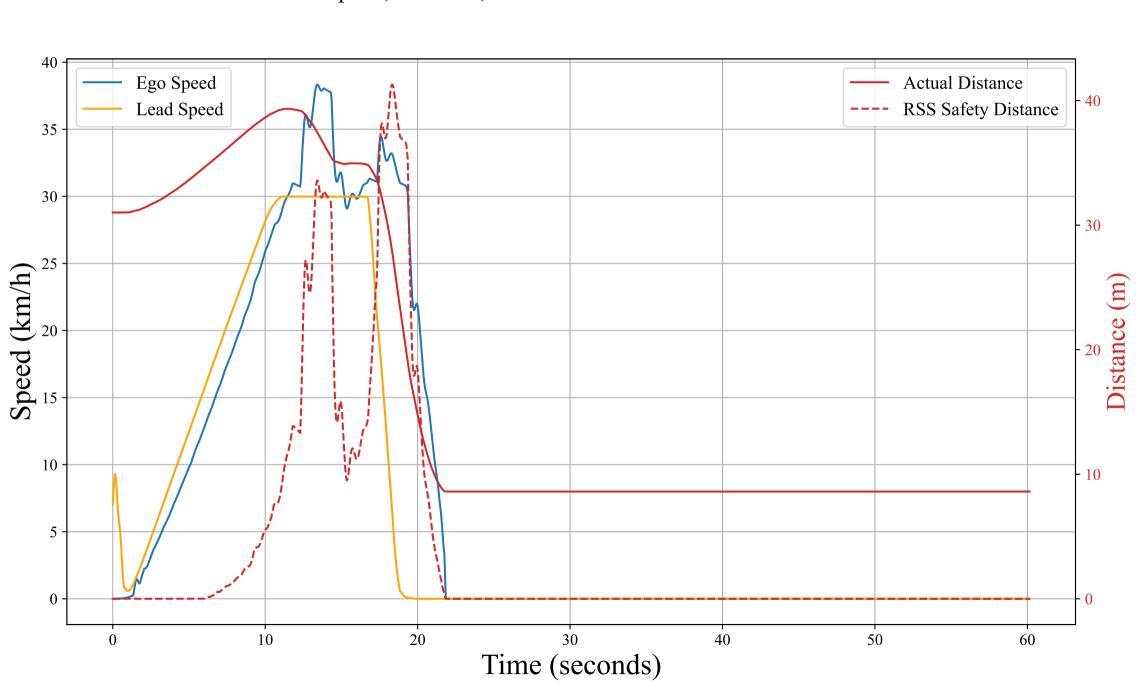
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) Jerk (m/s^3) -210 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



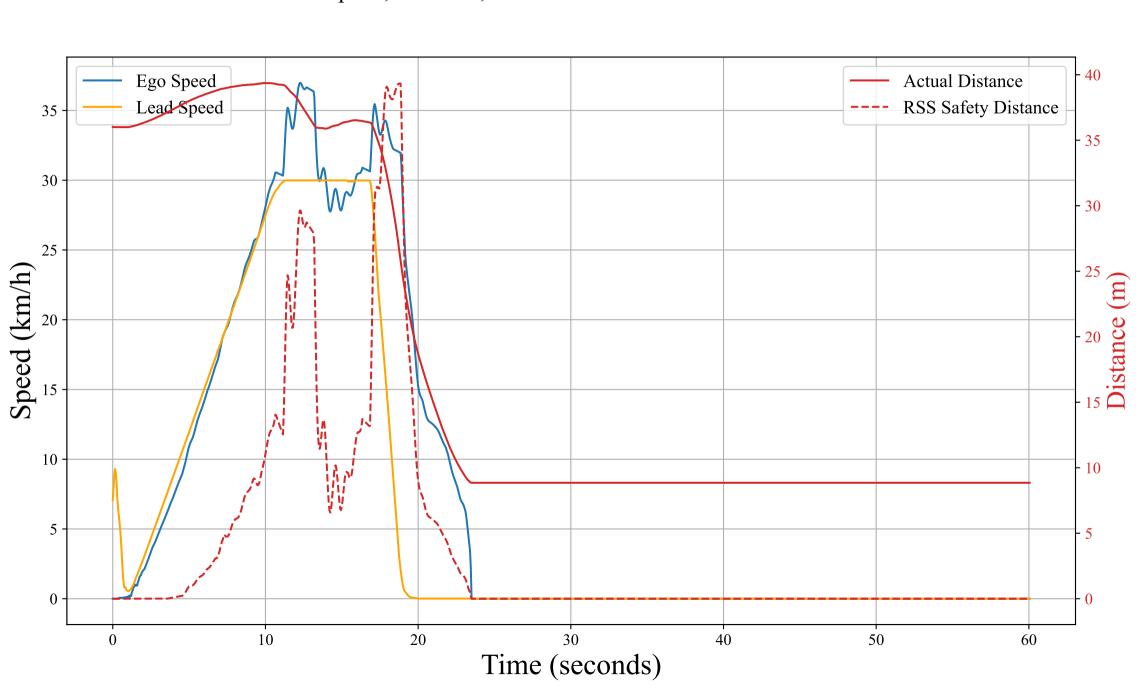
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -2-4 10 20 50 30 40 60 Time (seconds)

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



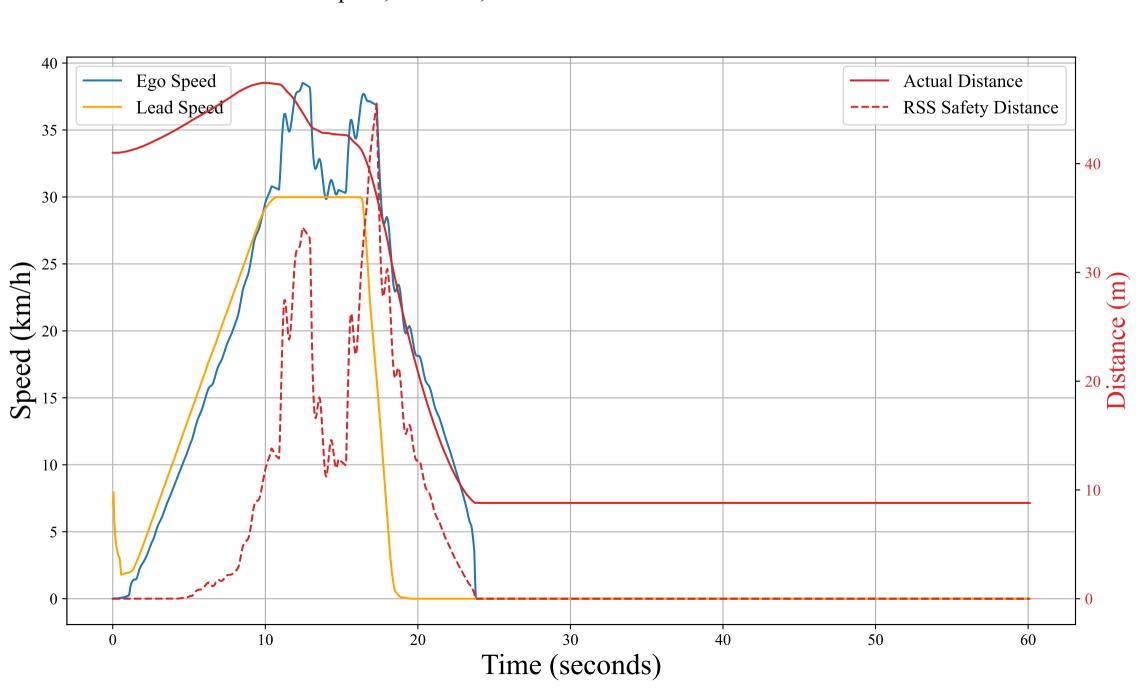
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 Jerk (m/s³) 0.0 -0.5-1.0-1.520 10 30 50 40 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



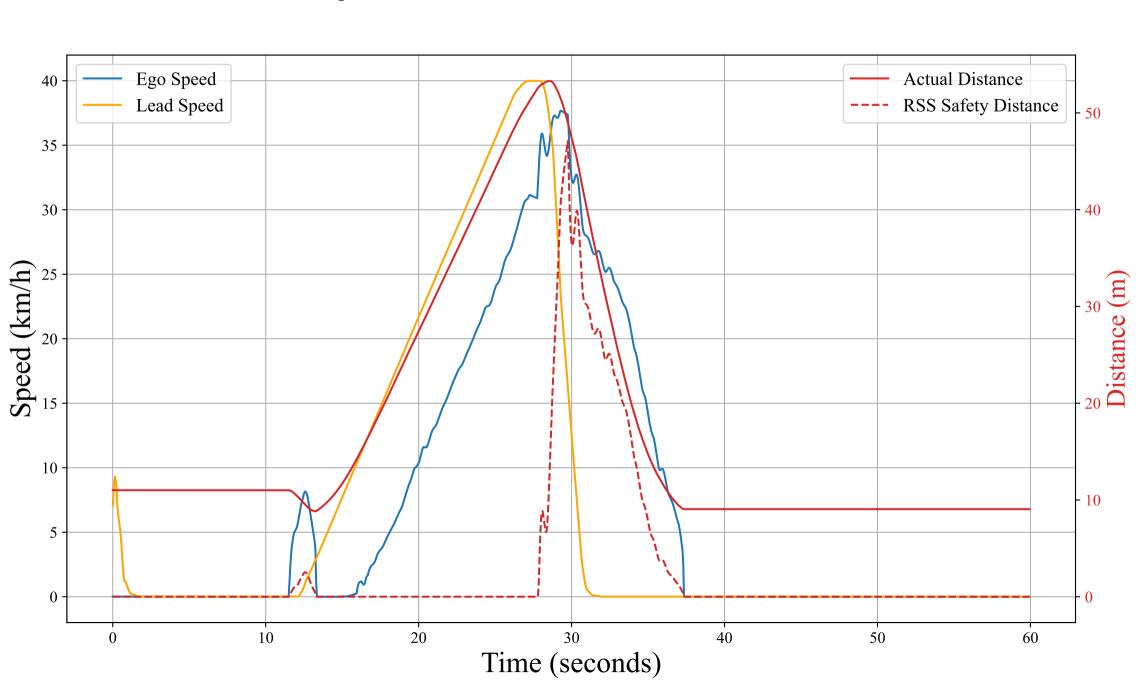
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time 5 -Ego Vehicle Jerk (1 Hz) 3 Jerk (m/s^3) -2-320 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=40 m Speed, Distance, and RSS Minimum Safe Distance



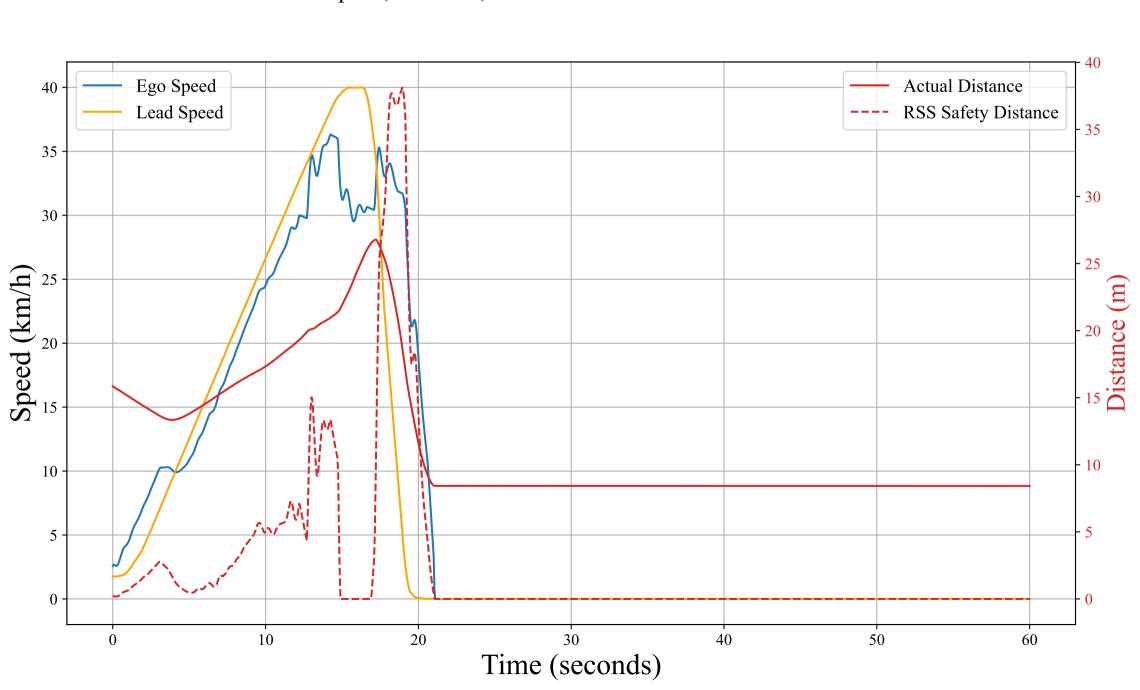
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=30 km/h, Initial Distance=40 m Ego Vehicle Jerk Over Time 3 -Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -2-310 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=10 m Speed, Distance, and RSS Minimum Safe Distance



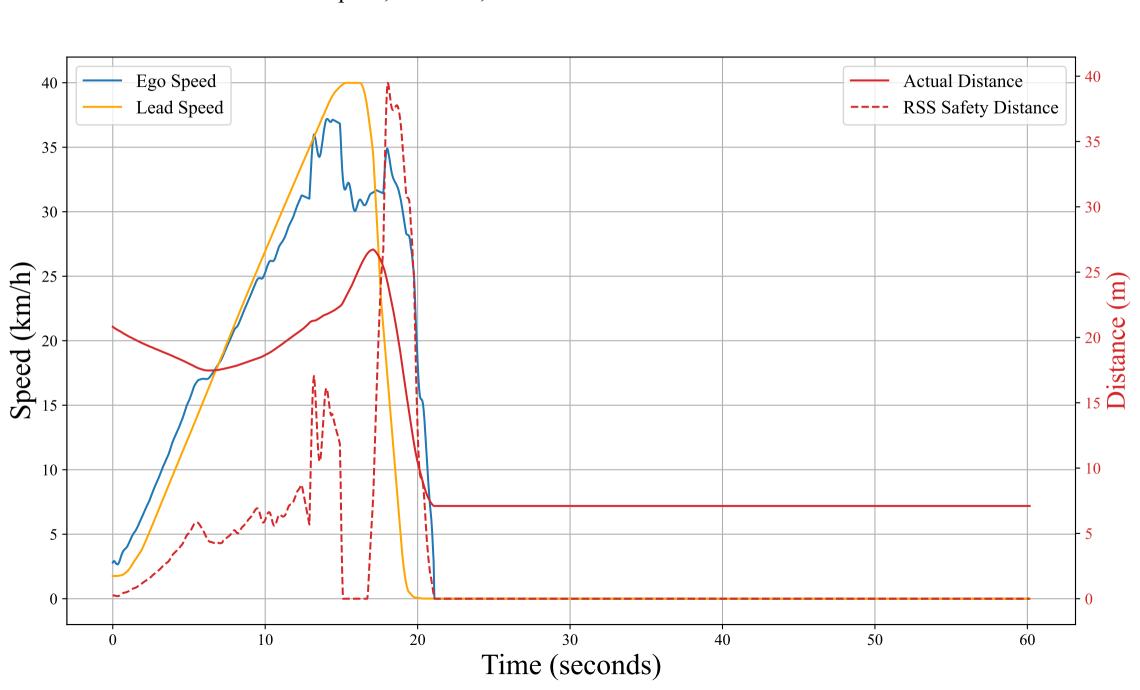
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=10 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 3 · $Jerk (m/s^3)$ -2-310 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=15 m Speed, Distance, and RSS Minimum Safe Distance



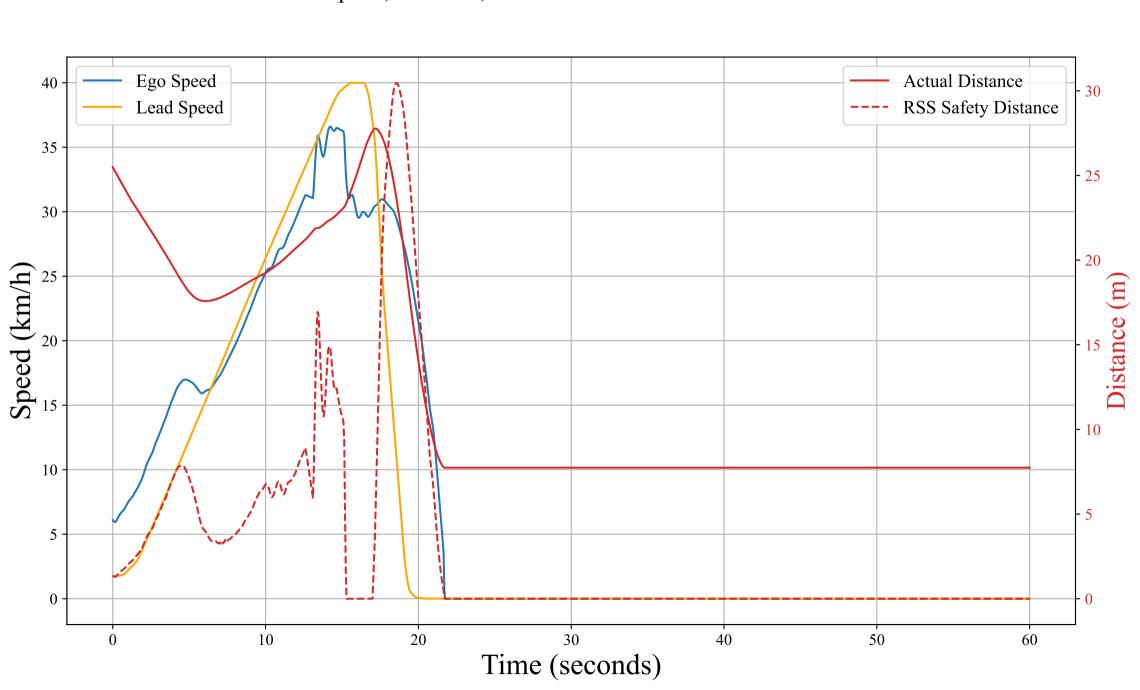
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=15 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 0 -Jerk (m/s³) -6 10 20 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=20 m Speed, Distance, and RSS Minimum Safe Distance



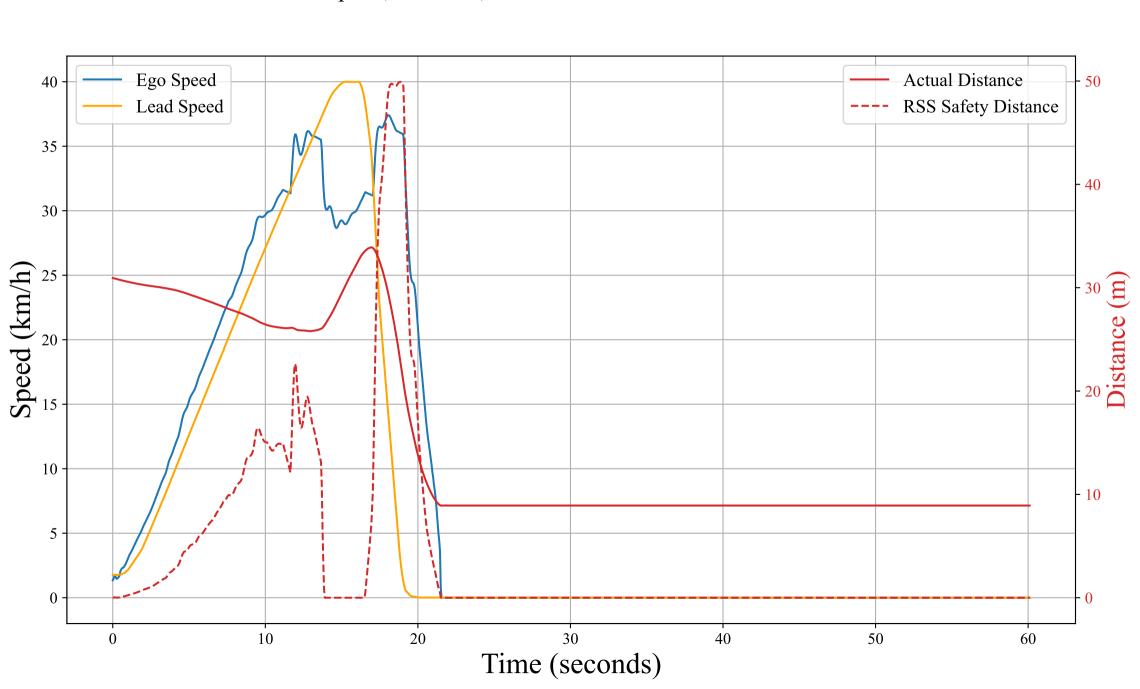
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=20 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ -6 20 30 10 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=25 m Speed, Distance, and RSS Minimum Safe Distance



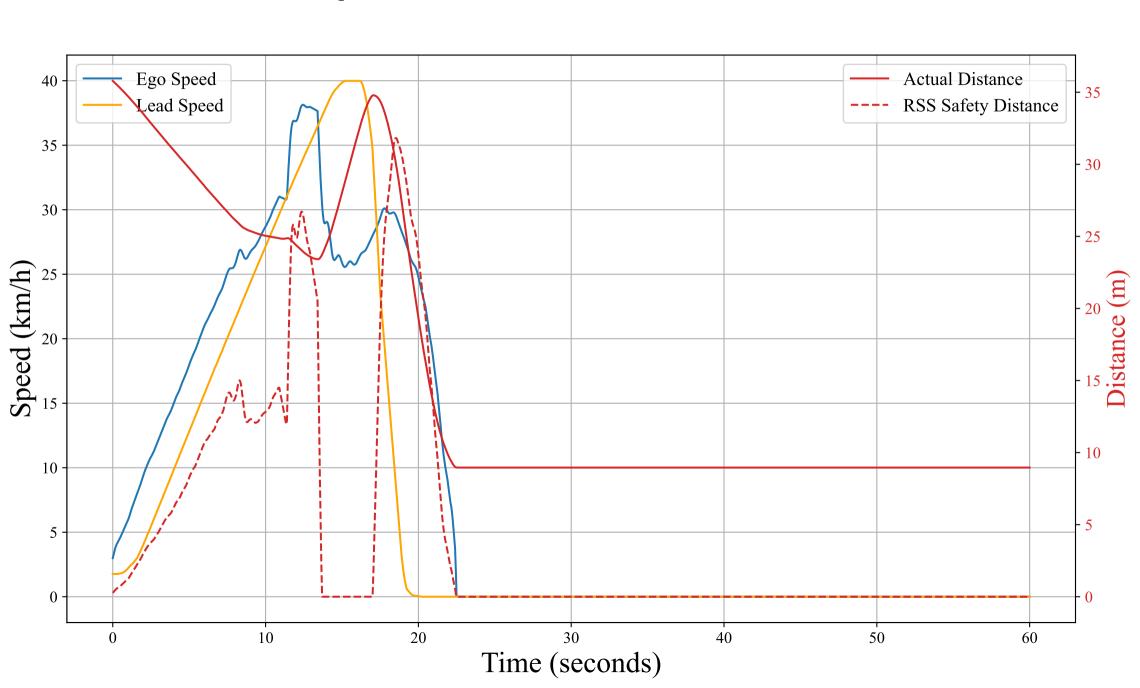
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=25 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s^3) -1.5-2.0-2.520 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=30 m Speed, Distance, and RSS Minimum Safe Distance



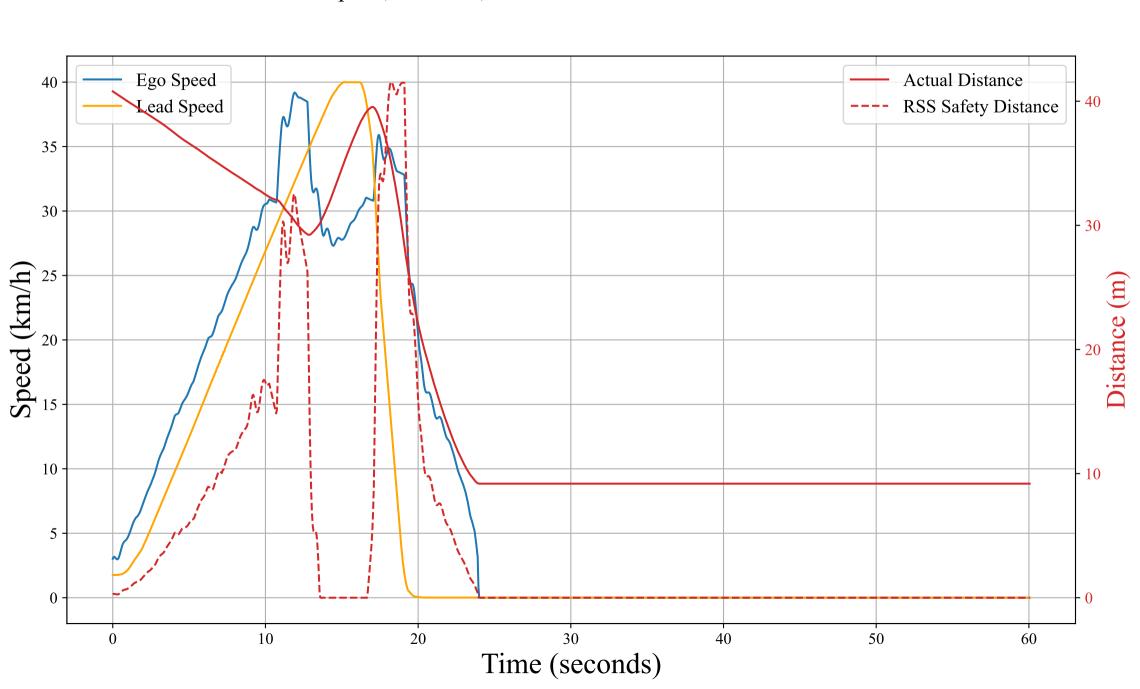
Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=30 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) $Jerk (m/s^3)$ 20 10 30 40 50 60 Time (seconds)

Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=35 m Speed, Distance, and RSS Minimum Safe Distance



Ego Vehicle Speed=50 km/h, Lead Vehicle Speed=40 km/h, Initial Distance=35 m Ego Vehicle Jerk Over Time Ego Vehicle Jerk (1 Hz) 1.0 0.5 0.0 Jerk (m/s³) -1.0-1.5-2.010 20 30 40 50 60 0 Time (seconds)

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



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