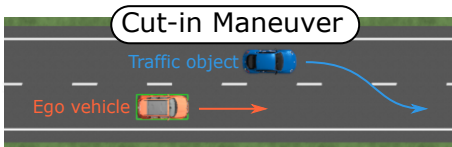


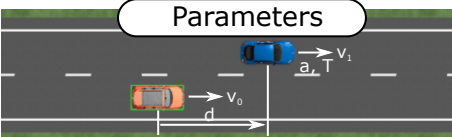
Operational
Driving Domain
(ODD)



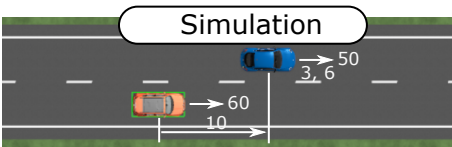
Scenario in the
ODD
(functional scenario)



Parametrization
of the Scenario
(logical scenario)



Sampling of the
Scenario
(concrete scenario)



Training of Stochastic Predictive Model

Input
Simulation Parameters
(v_0, d, v_1, a, T)

Output
Safety Level
(safe, near miss, collision)

Applications

Offline

Failure
Mode Analysis

Safety Assessment
on Naturalistic
Driving Data

Online

Self Driving Agent
Enhancement