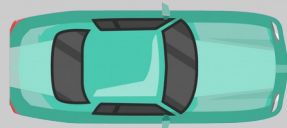


The motion of the ego vehicle is considered having a causal relationship with surrounding vehicles.

Prediction of ego vehicle about the reaction of surrounding vehicle to the behavior of the host vehicle.

Ego Vehicle



$t = t_0$



$t = t_1$ (pass)



$t = t_2$ (pass)

Interactive Model

Surrounding Vehicle



$t = t_2$ (yield)

$t = t_1$ (yield)

$t = t_0$