Car out of bound

$n_{sim} > 0.12$

$n_{sim} < -0.12$

reset

- Find nearest s_{exp}
- s_{exp} is the experimental s_{value} closest to where the car goes out of bound
- Save the time stamp t_s

t_s

Overwrite the states at corresponding t_s

$s_{sim} = s_{exp}$

$n_{sim} = n_{exp}$

$\alpha_{sim} = \alpha_{exp}$

$v_{sim} = v_{exp}$

$\delta_{sim} = \delta_{exp}$

$D_{sim} = D_{exp}$

Overwrite the controls controls at corresponding t_s

$\Delta_{\delta\ sim} = \Delta_{\delta\ exp}$

$\Delta_{D\ sim} = \Delta_{D\ exp}$