# Experiment 2021_4_15_114627

## Experiment Details

**Car Mixture**

AV: 124

HV: 112

No Label: 0

AV Car Spawner: 43

HV Car Spawner: 39

No Label: 0

**Active Reservation Nodes**

[11, 12, 8, 9] - 99 cars

[5, 4, 2, 1] - 48 cars

[7, 6, 8, 9] - 35 cars

[19, 18, 2, 1] - 99 cars

## Comparison of Experiment Metrics

|  | w/ Reservation Nodes | w/ Traffic Lights | w/ Safe Distance and 4 Way Intersection |
|---|---|---|---|
| Waiting Time | 2 | 0 | 4 |
| No. of Brakings | 0 | 0 | 0 |
| Avg. Braked Cars per min | 117.04 | 0.0 | 27.41 |
| Avg. Safe Distance (AV) | 4 | 4 | 4 |
| Avg. Safe Distance (HV) | 822562572435775190637 | 8117545984 | 4332951899337351547114246635520 |
| Total Simulation Time (s) | 8.1 | 8.1 | 8.1 |

Open "./output/experiment_results/AVHV_Reservation_Nodes/" for distributions and graphs of Experiment with RN

Open "./output/experiment_results/AVHV_Traffic_Lights/" for distributions and graphs of Experiment with TL

Open "./output/experiment_results/AVHV_CAwSD4WI/" for distributions and graphs of Experiment with CAwSD4WI

RN - Reservation Nodes

TL - Traffic Lights

CAwSD4WI - Collision Avoidance with Safe Distance and 4 Way Intersection