

AMoDeus Simulation Report

Simulation Information

User:dwang

Timestamp:2019/05/02 - 00:47:10

Iterations:1 ,i.e., 0 in matsim config.

[AV File](#) [AV Config File](#)

Dispatcher:DemandSupplyBalancingDispatcher

Rebalancing Period:-00:00:01

Redispatching Period:00:00:10

Network:null_prepared

Virtual Nodes:10 virtual nodes.

Population:21562

Number of Vehicles:450

Number of Requests21562

Aggregated Results

Distance Ratio:67.17%

Occupancy Ratio:30.38 %

Distances

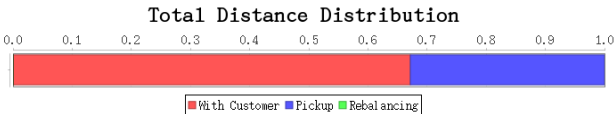
Total:458536.01 km

Rebalancing:0.00 km (0.00%)

Pickup:150534.52 km (32.83%)

With Customer:308001.49 km (67.17%)

Average Trip Distance:14.28 km



Wait Times

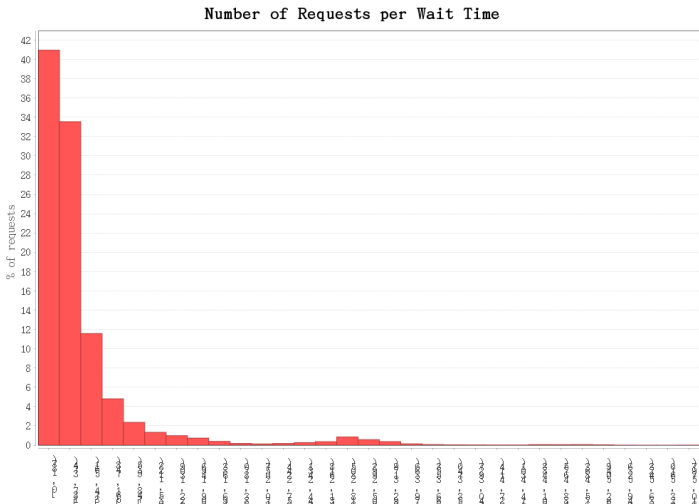
10.0% quantile00:01:12

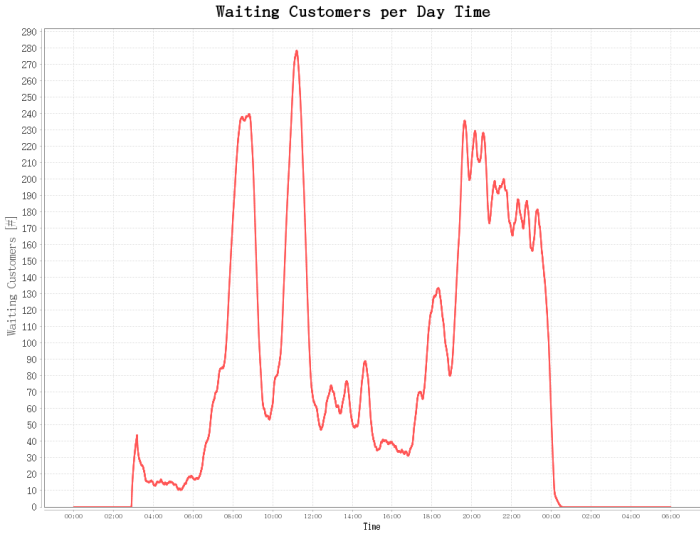
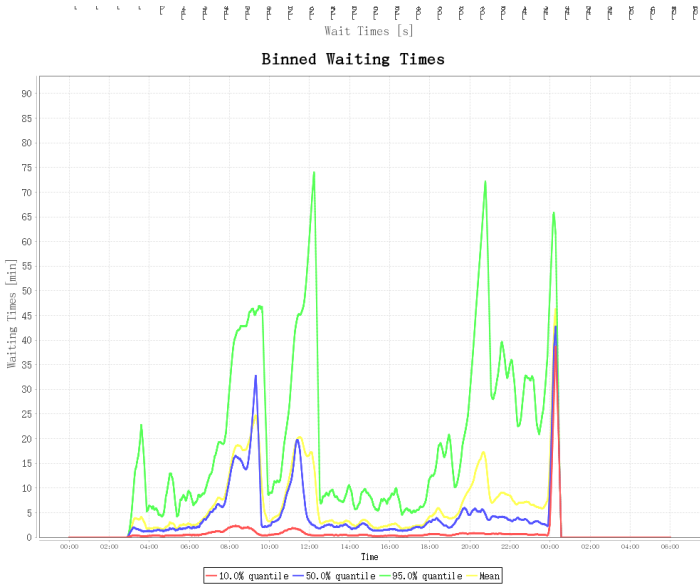
50.0% quantile00:03:41

95.0% quantile00:19:59

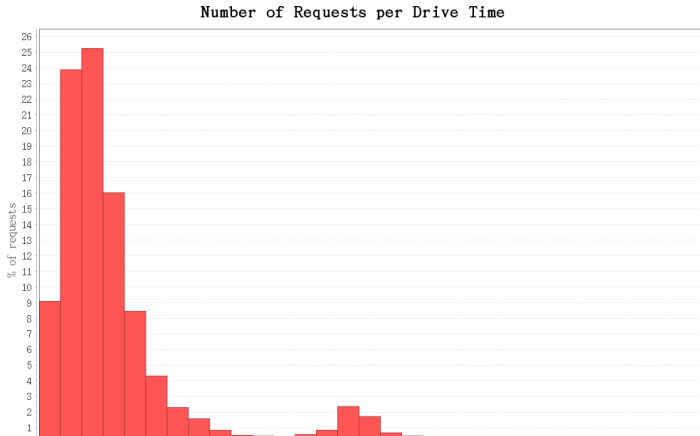
Mean00:06:12

Maximum01:33:36



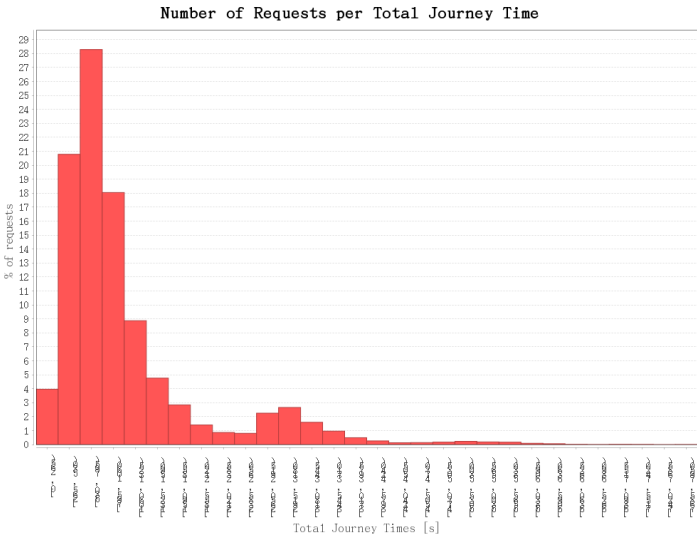


Drive Times	
10.0% quantile	00:03:20
50.0% quantile	00:08:10
95.0% quantile	00:43:50
Mean	00:11:24
Maximum:	01:32:10

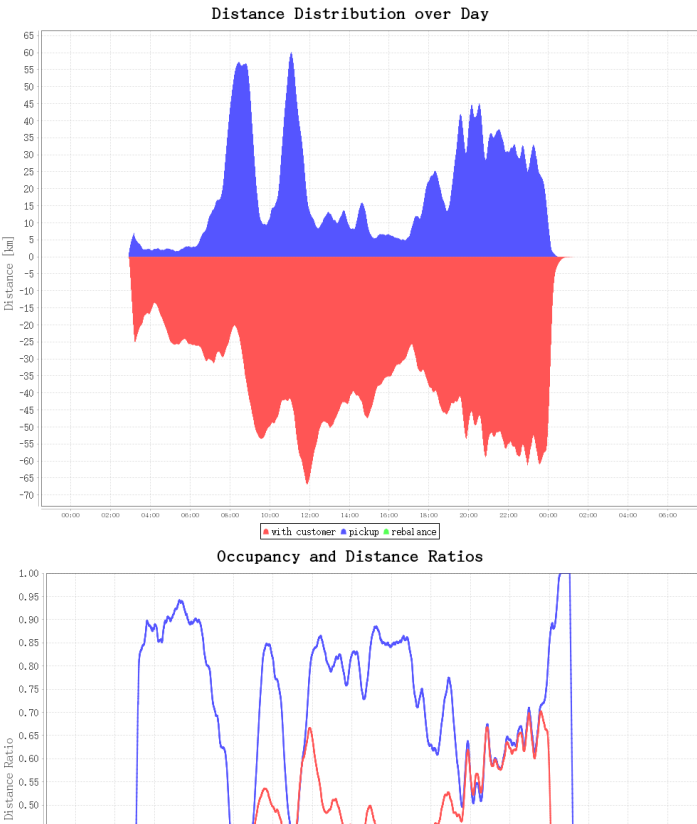


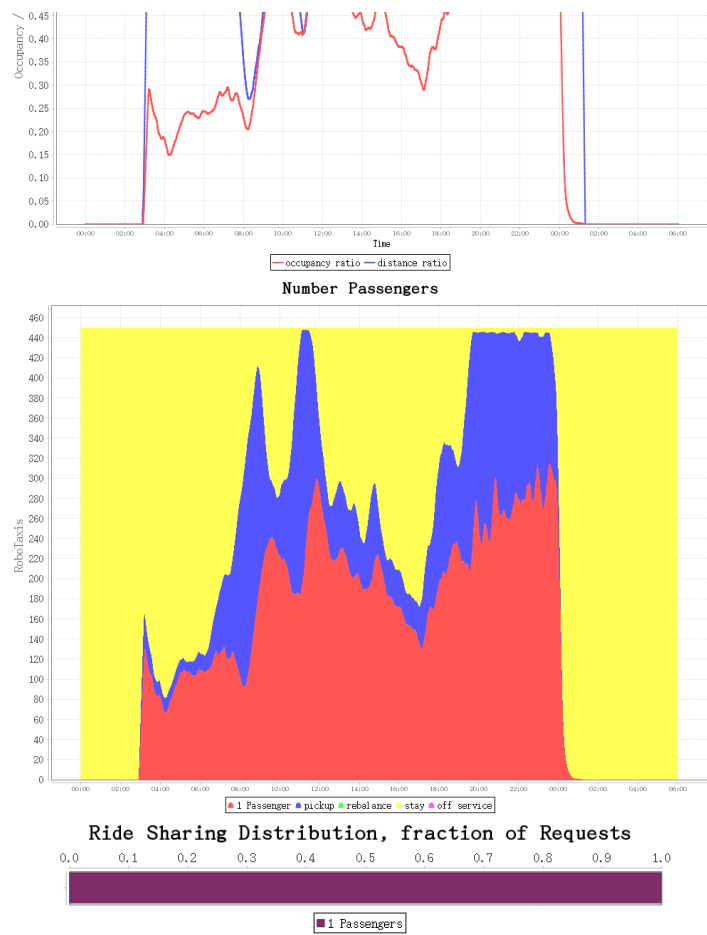


Total Journey Times	
10.0% quantile	00:06:15
50.0% quantile	00:12:42
95.0% quantile	00:52:07
Mean	00:17:36
Maximum:	02:12:24



Fleet Efficiency





Requests per RoboTaxi Analysis

This histogram shows the number of request served by each Ro

