AMoDeus Simulation Report

Simulation Information

User: dwang

Timestamp: 2019/05/02 - 11:17:43

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

AV File AV Config File

Dispatcher: DemandSupp1yBalancingDispatcher

Rebalancing Period: -00:00:01
Redispatching Period: 00:00:15

Network: null_prepared
Virtual Nodes: 10 virtual nodes.

Population: 21562

Number of Vehicles: 500 Number of Requests 21562

Aggregated Results

Distance Ratio: 70.55% Occupancy Ratio: 27.35 %

Distances

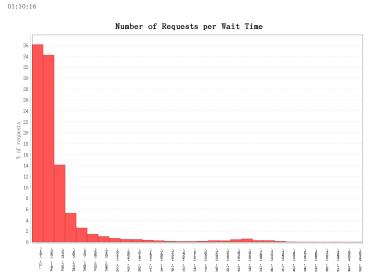
Total: 436564.85 km
Rebalancing: 0.00 km (0.00%)
Pickup: 128572.18 km (29.45%)
With Customer: 307992.68 km (70.55%)

Average Trip Distance: 14.28 km

Wait Times

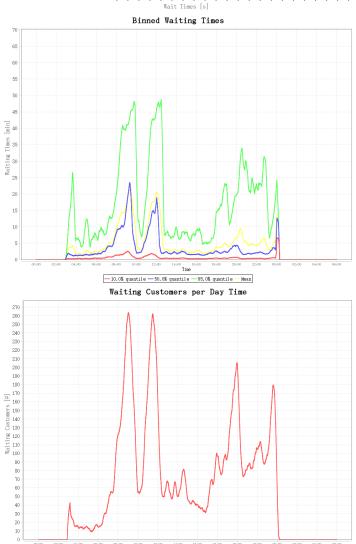
10.0% quantile 00:00:57
50.0% quantile 00:03:06
95.0% quantile 00:17:07
Mean 00:05:13
Maximum: 01:10:16





第1页 共4页 2019/5/2 上午11:50

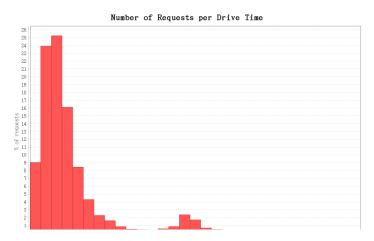




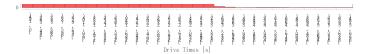
Drive Times 10.0% quantile

50.0% quantile 95.0% quantile

Mean Maximum: 00:03:20 00:08:10 00:43:50 00:11:24 01:32:10



第2页 共4页 2019/5/2 上午11:50



Total Journey Times

10.0% quantile

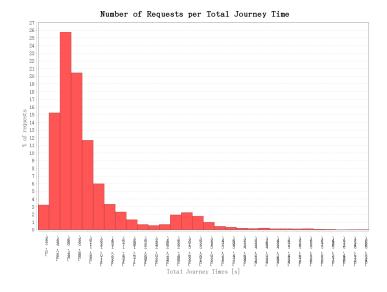
50.0% quantile

95.0% quantile

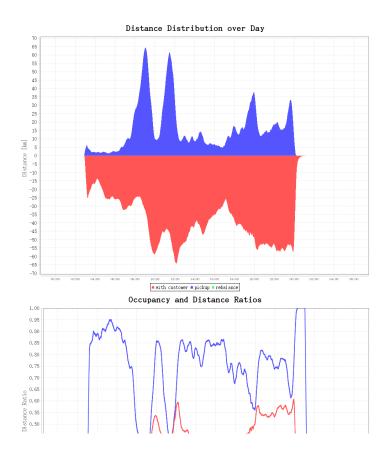
Mean

Maximum:

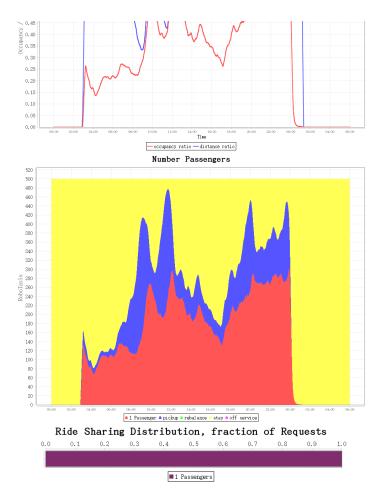
00:05:51 00:11:57 00:51:17 00:16:38 01:50:59



Fleet Efficiency

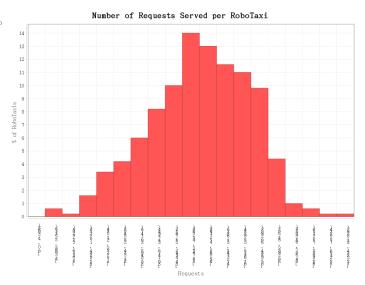


第3页 共4页 2019/5/2 上午11:50



Requests per RoboTaxi Analysis

This histogram shows the number of reuquest served by each $\ensuremath{\mathsf{Ro}}$



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第4页 共4页 2019/5/2 上午11:50