AMoDeus Simulation Report

Simulation Information

User:	root
Timestamp:	2019/04/26 - 11:56:28

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

AV File   **AV_Config File**

Dispatcher:	AidoDispatcherHost
Rebalancing Period:	-00:00:01
Redispatching Period:	00:00:10

Network:	null_prepared
Virtual Nodes:	no virtual network found
Population:	500

Number of Vehicles:	20
Number of Requests	500

Aggregated Results

Distance Ratio:	36.88%
Occupancy Ratio:	17.86 %

Distances

Total:	22230.17 km
Rebalancing:	4175.07 km (18.78%)
Pickup:	9855.62 km (44.33%)
With Customer:	8199.47 km (36.88%)

Average Trip Distance:	16.40 km

Total Distance Distribution
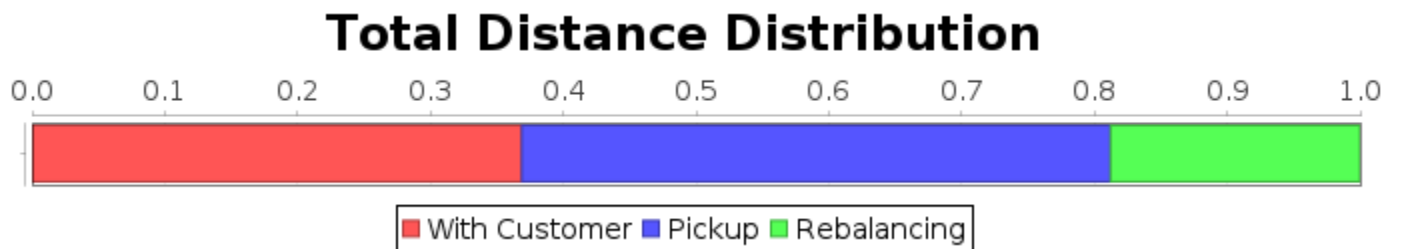
Wait Times

10.0% quantile	00:05:40
50.0% quantile	00:11:49
95.0% quantile	00:47:45
Mean	00:15:44
Maximum:	01:18:59

Number of Requests per Wait Time
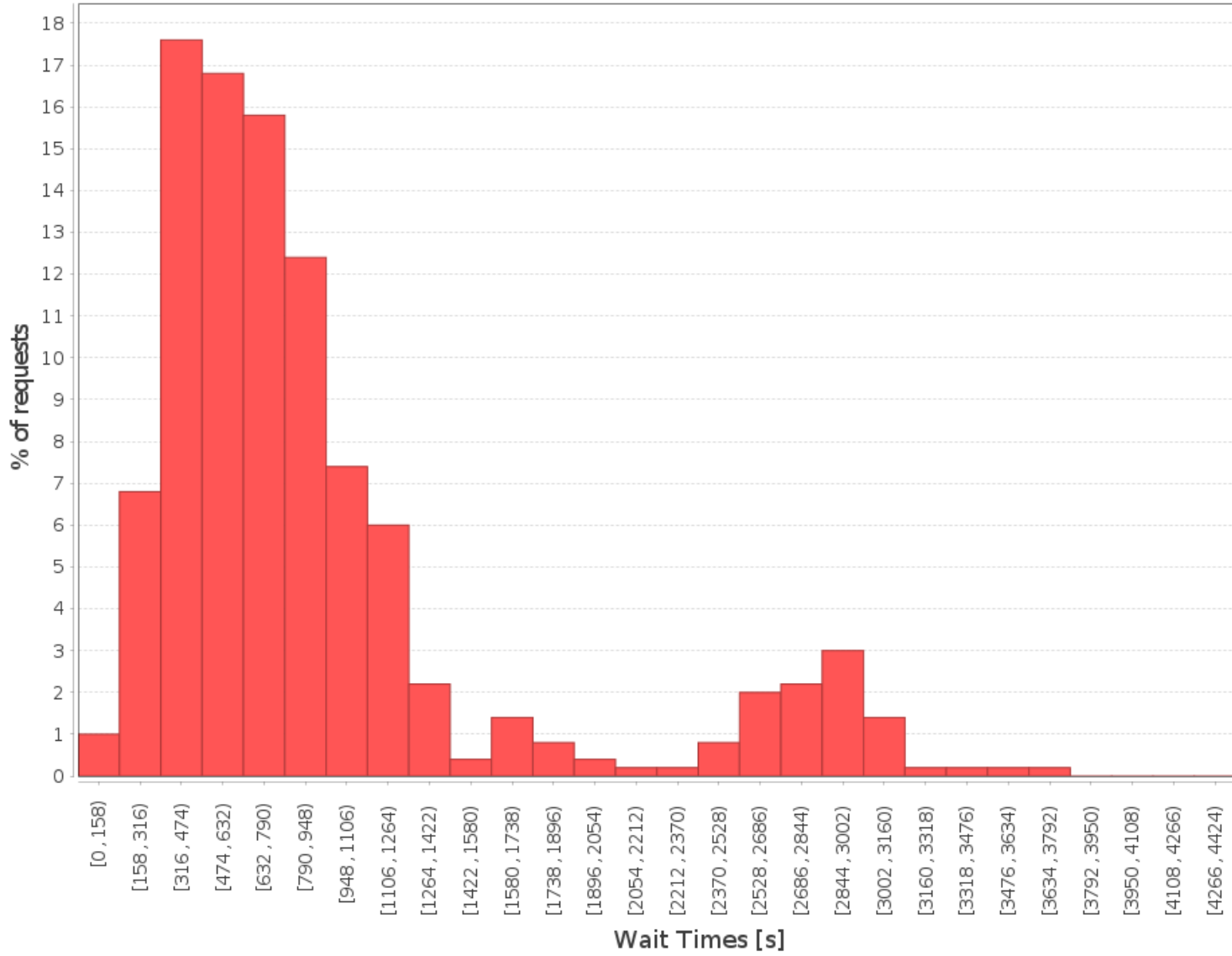
Binned Waiting Times
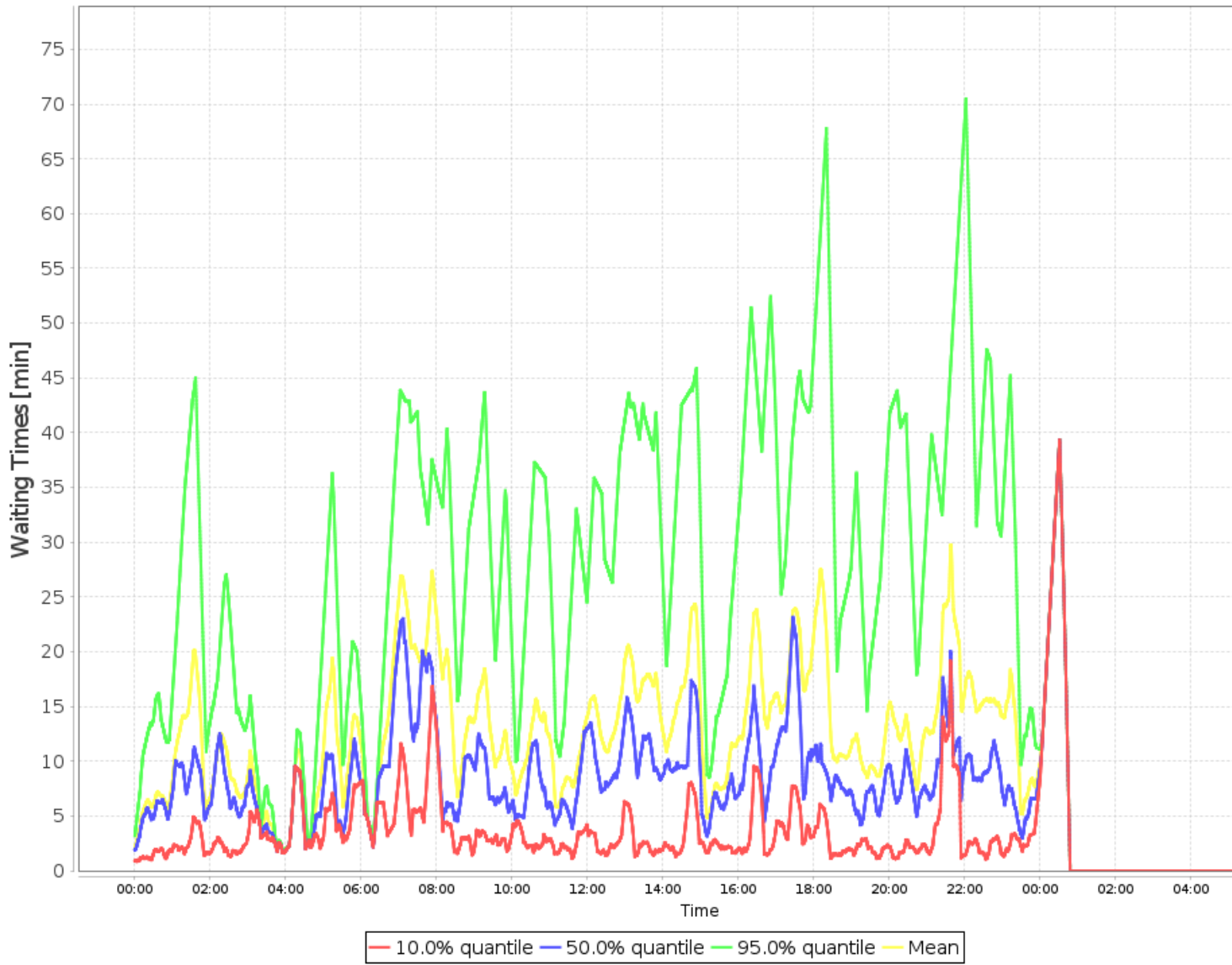
Waiting Customers per Day Time
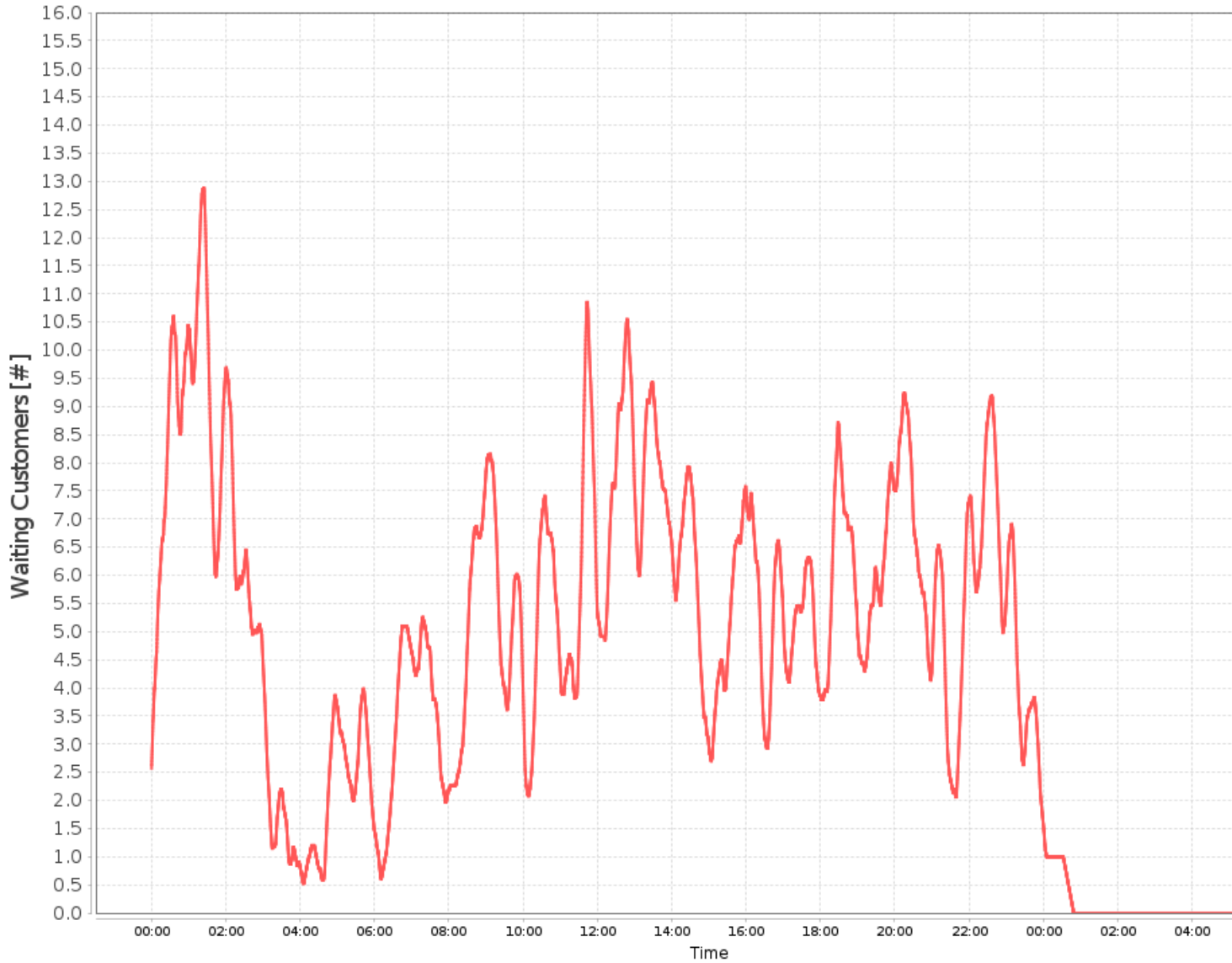
Drive Times

10.0% quantile	00:03:30
50.0% quantile	00:09:10
95.0% quantile	00:45:30
Mean	00:12:51
Maximum:	01:12:20

Number of Requests per Drive Time
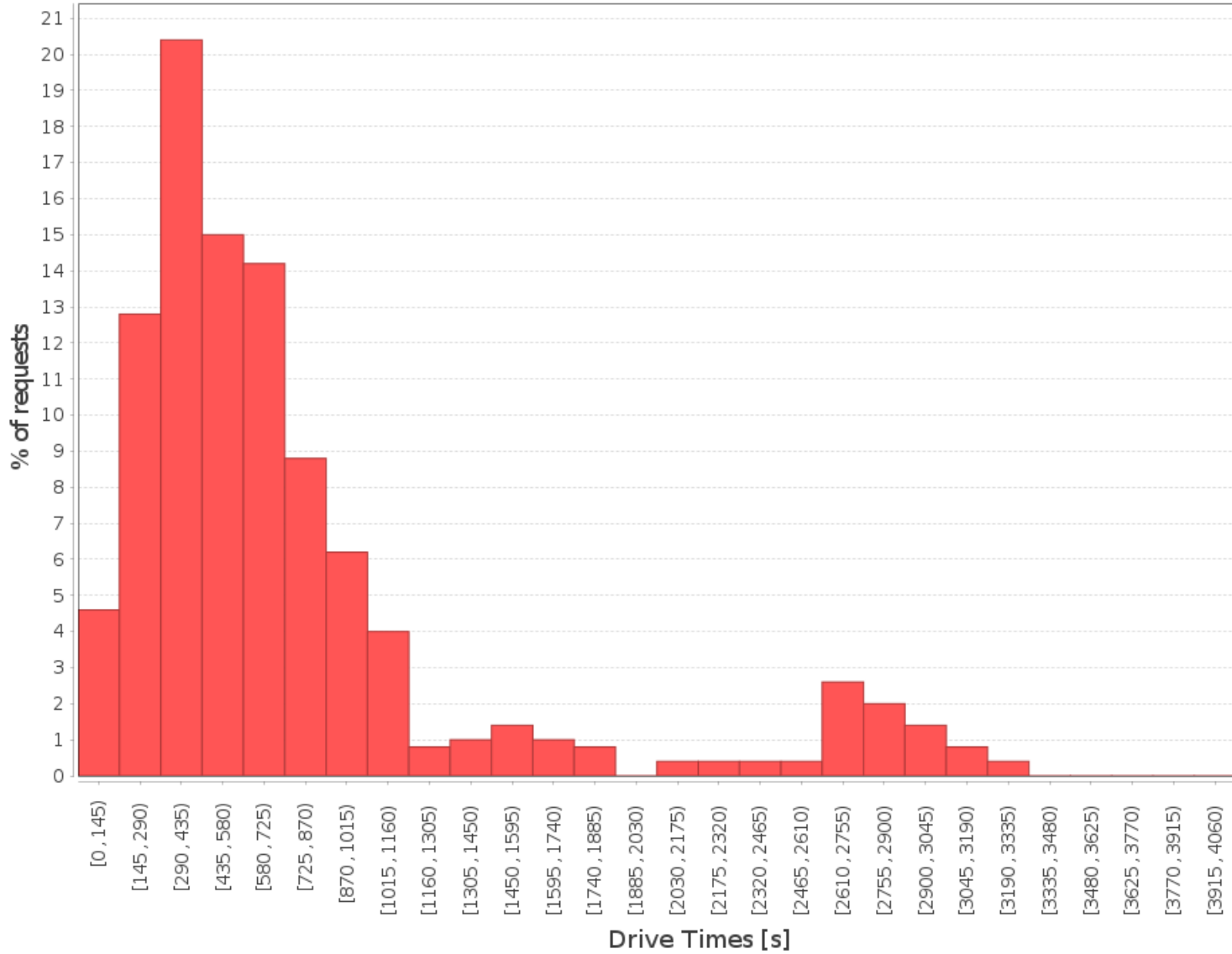
Total Journey Times

10.0% quantile	00:11:23
50.0% quantile	00:21:53
95.0% quantile	01:19:47
Mean	00:28:35
Maximum:	01:59:06

Number of Requests per Total Journey Time

% of requests

Total Journey Times [s]
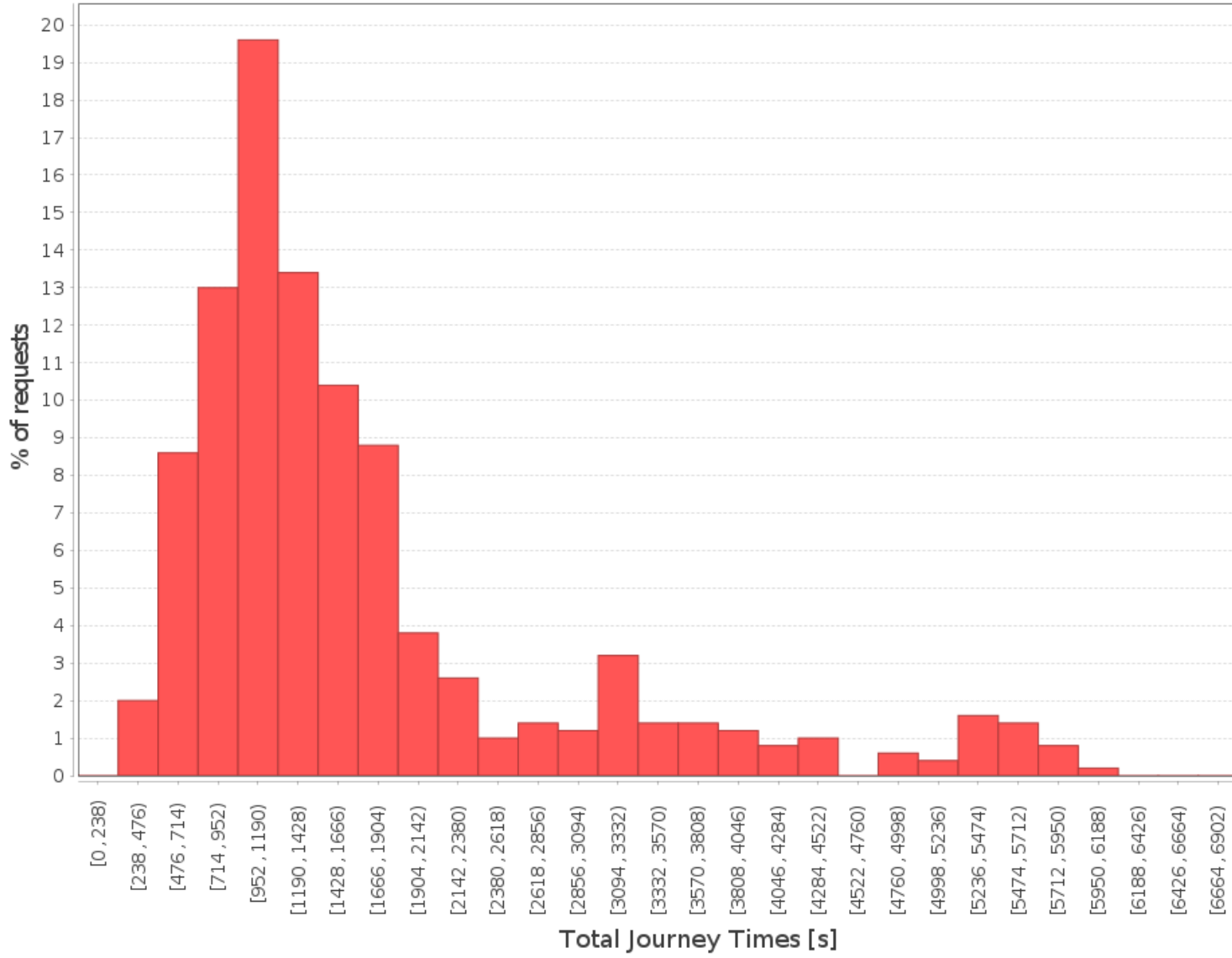
Fleet Efficiency

Distance Distribution over Day
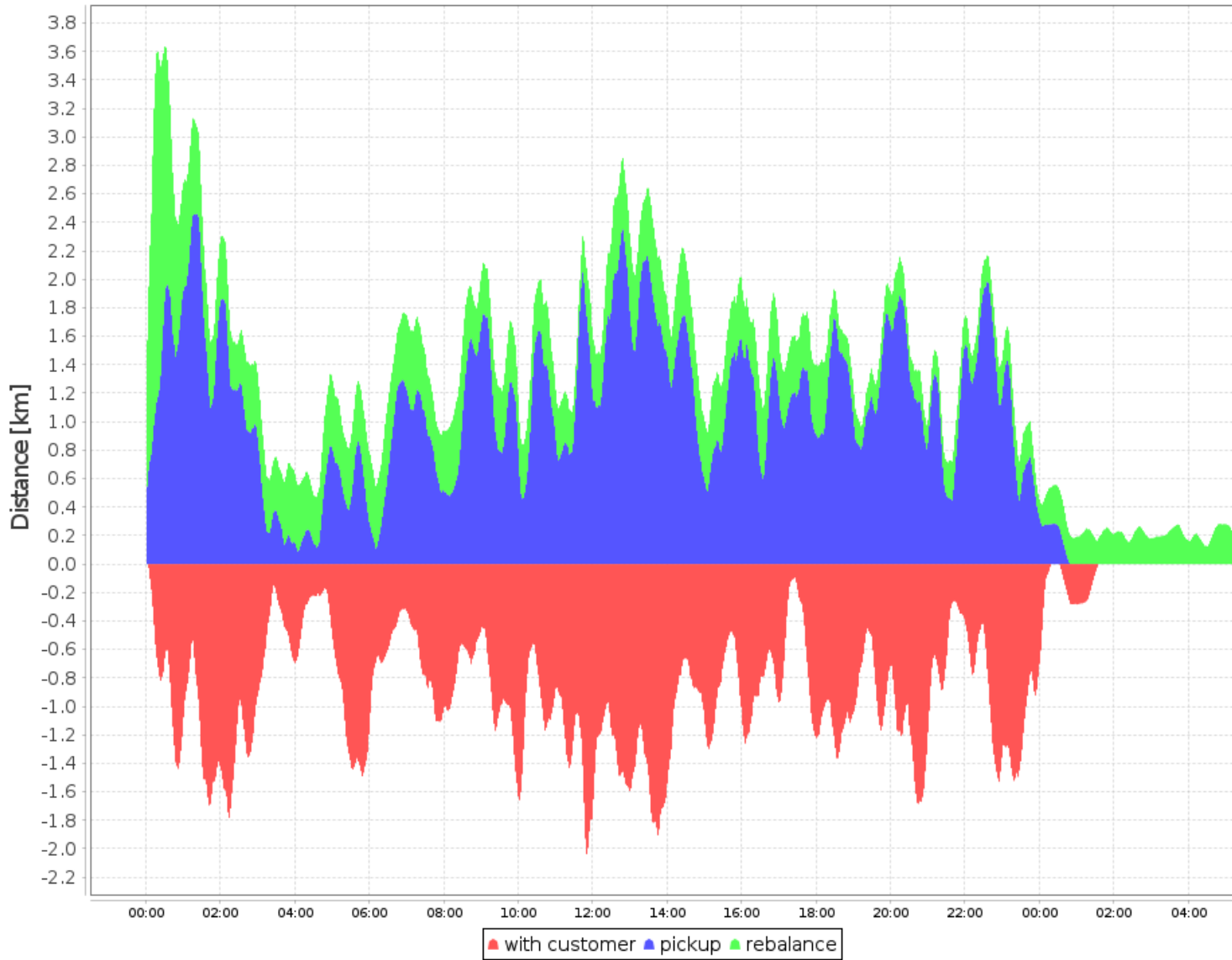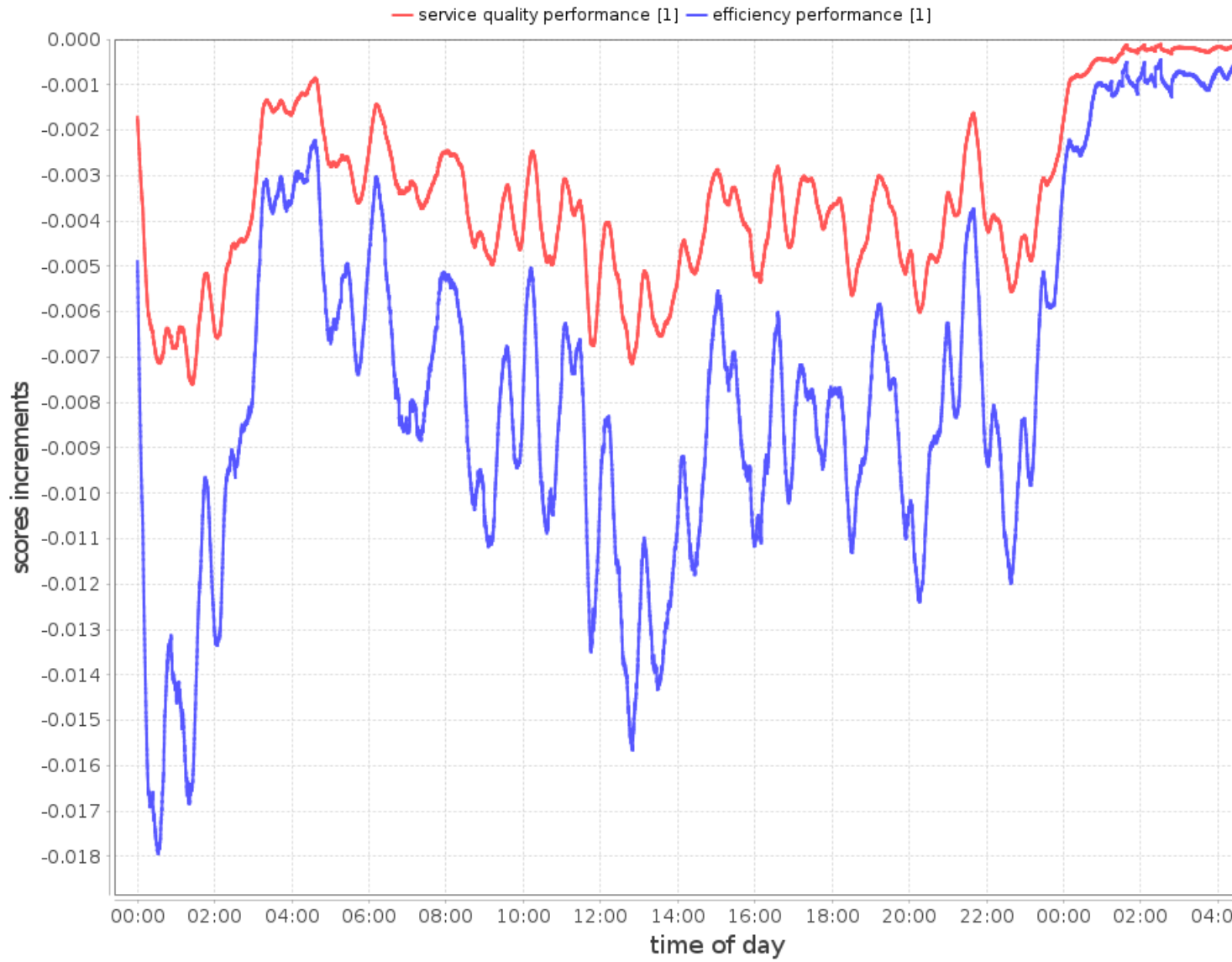
Occupancy and Distance Ratios

Number Passengers

Legend: 1 Passenger, pickup, rebalance, stay, off service
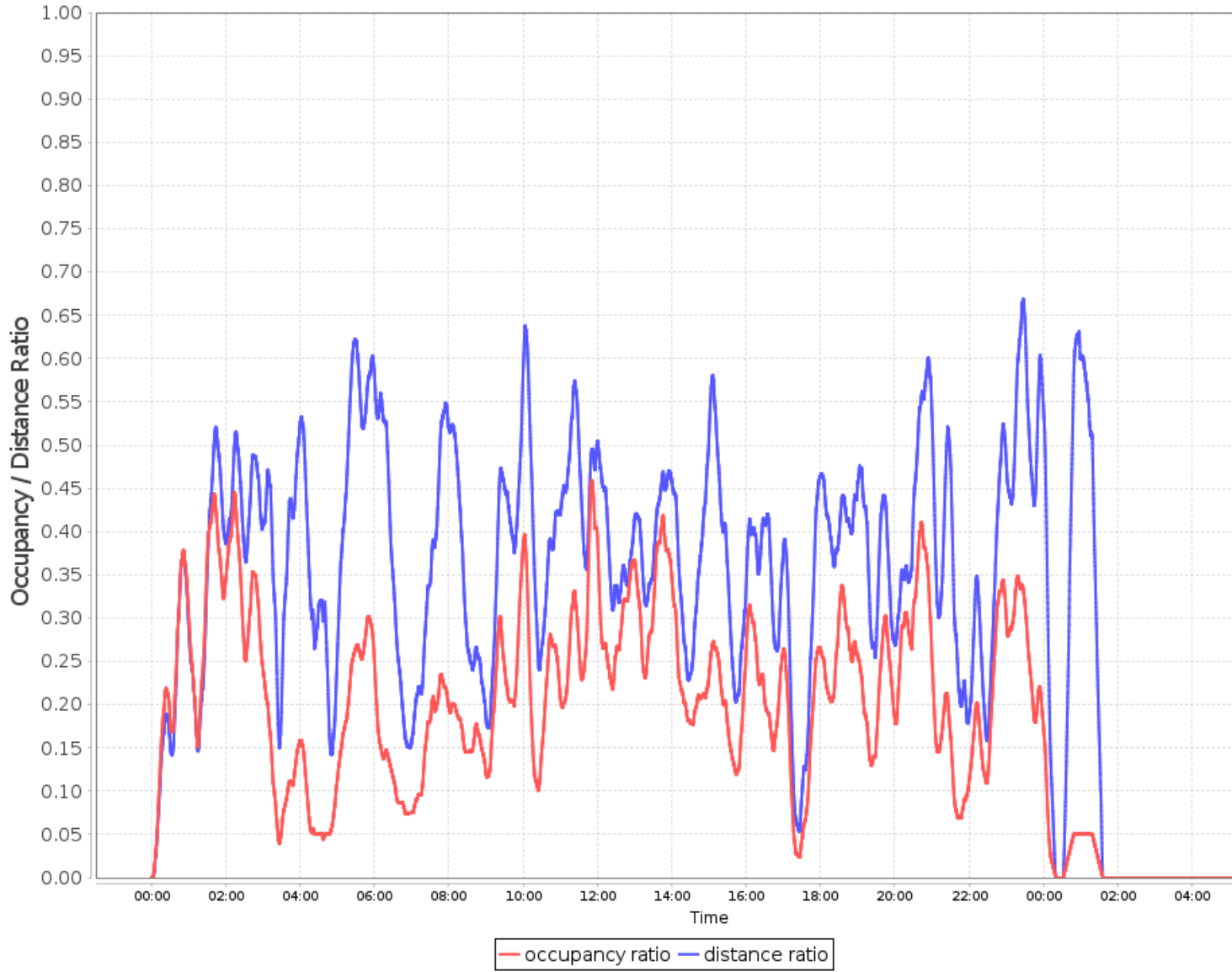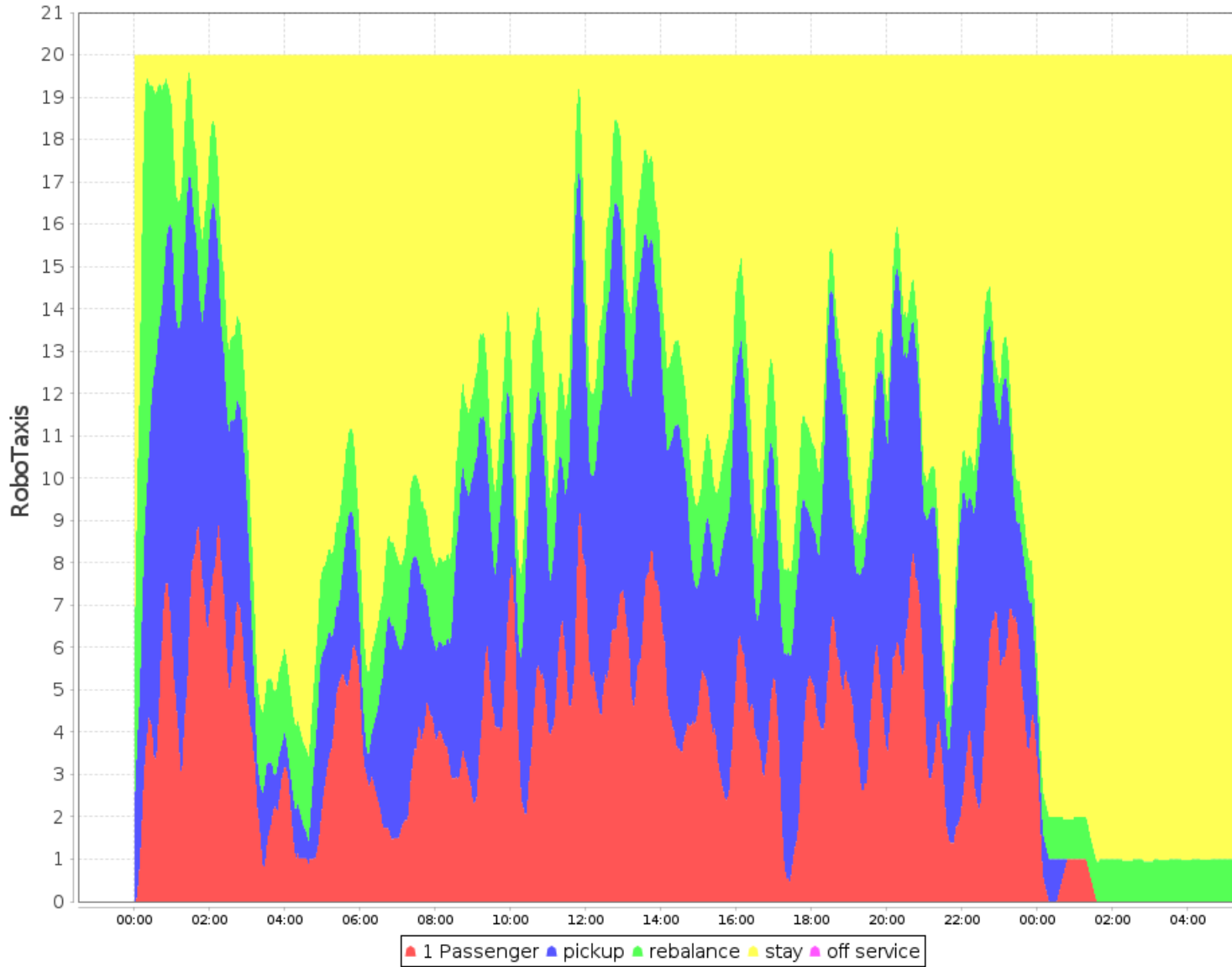
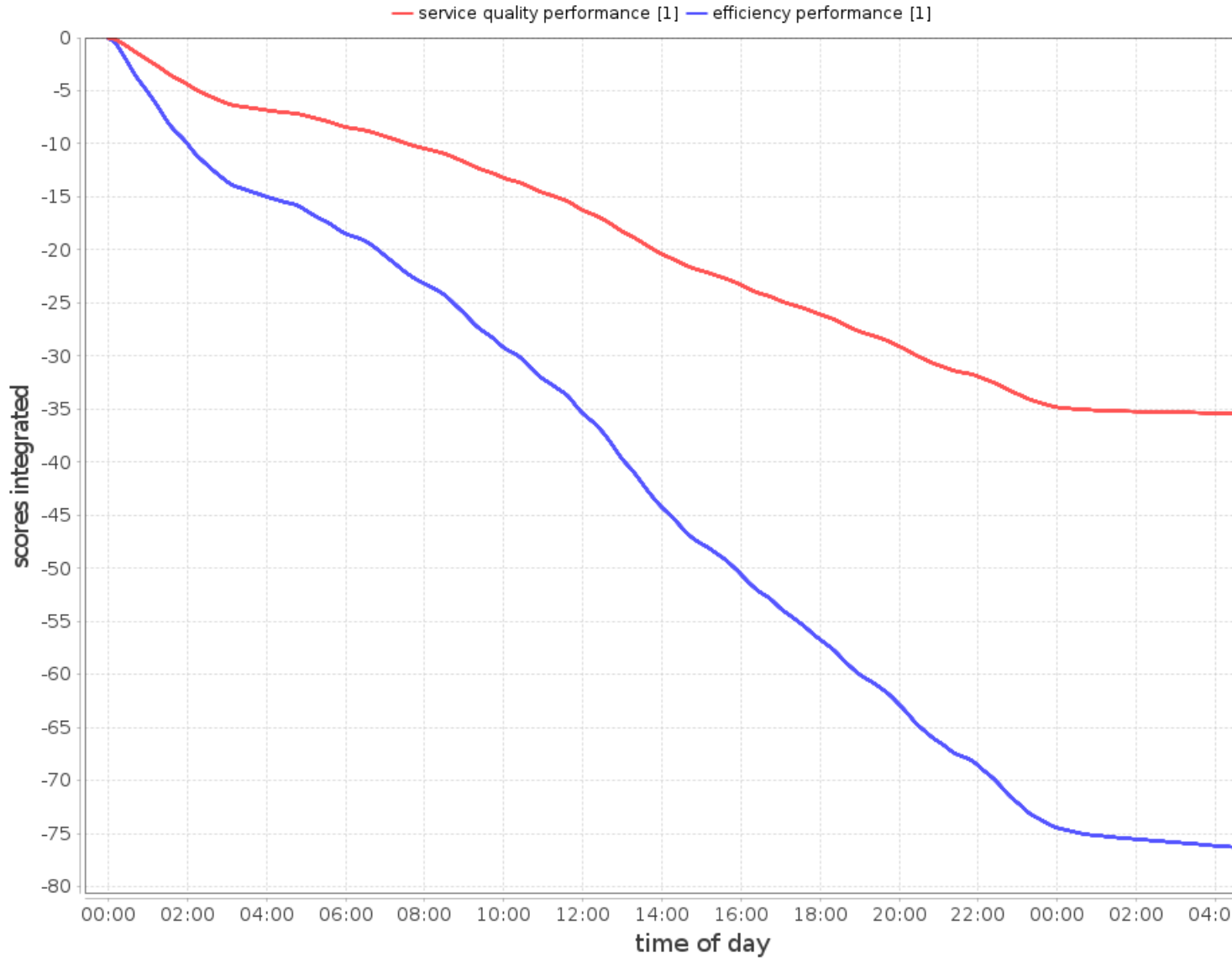## Ride Sharing Distribution, fraction of Requests

1 Passengers

Aido Scores

Scores during Simulation

Service Quality and Efficiency Score Increments

Service Quality and Efficiency Score Integrated

service quality performance [1] — efficiency performance [1]

Fleet Size Score Integrated
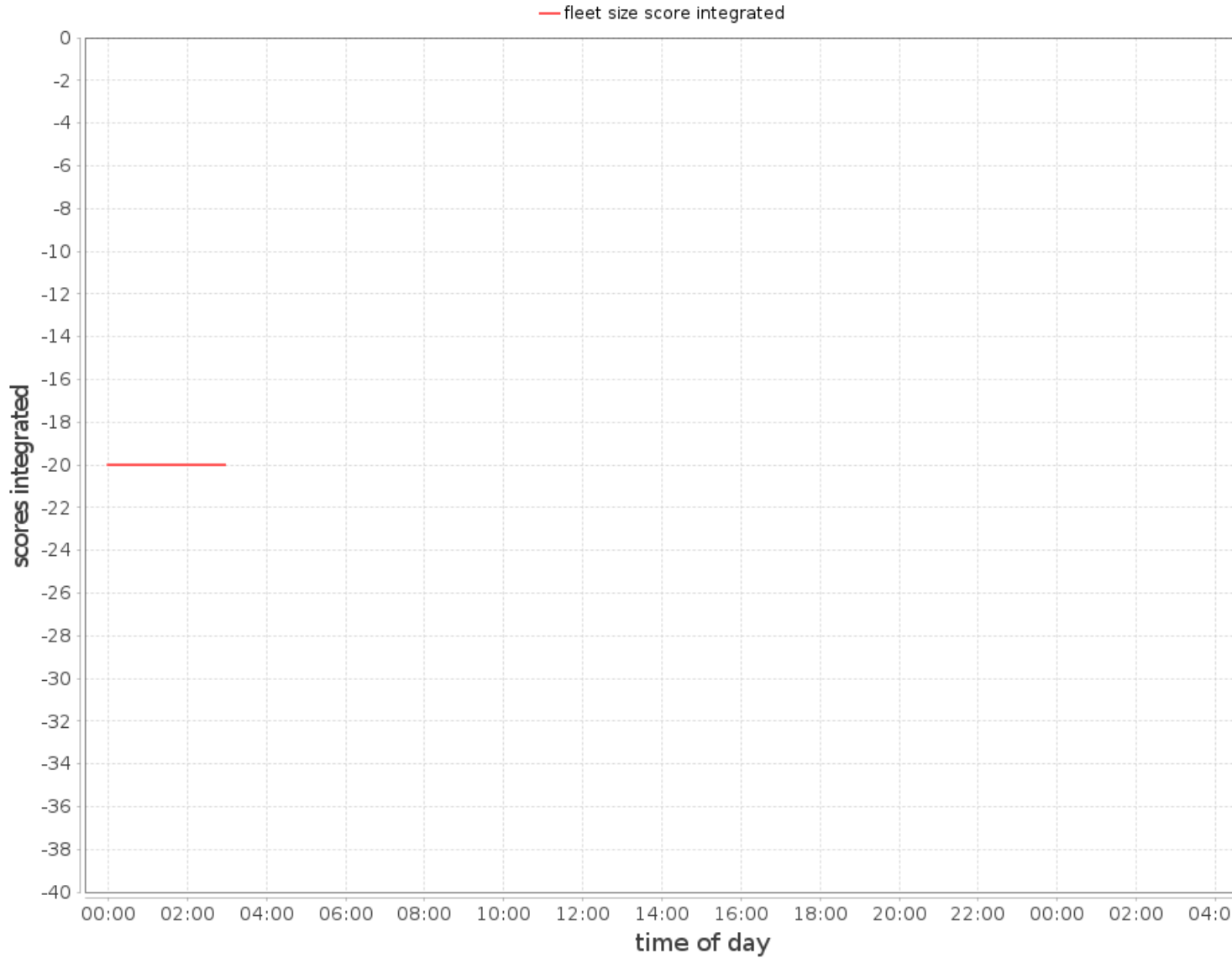
Final Scores

final service quality score:	-35.53683034755051
final efficiency score:	-76.76604139020243
final fleet size score:	-Infinity