AMoDeus Simulation Report

Simulation Information

User:	root
Timestamp:	2019/04/26 - 12:42:05
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:	43.62%
Occupancy Ratio:	17.86 %

Distances

Total:	18792.23 km
Rebalancing:	638.42 km (3.40%)
Pickup:	9956.77 km (52.98%)
With Customer:	8197.04 km (43.62%)

Average Trip Distance:	16.39 km

Total Distance Distribution
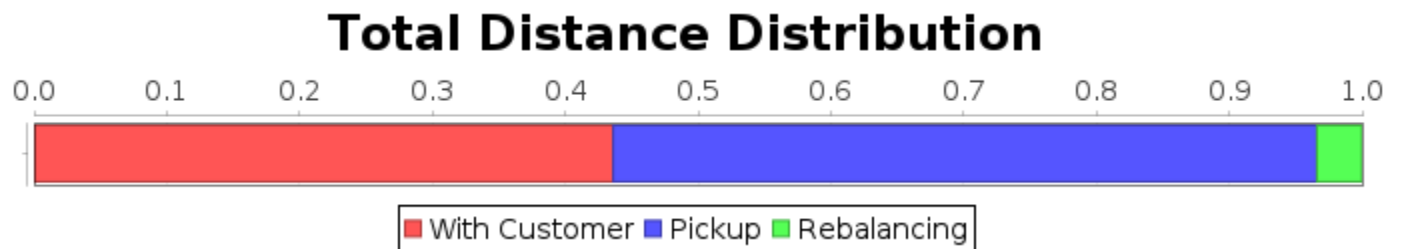
Wait Times

10.0% quantile	00:05:02
50.0% quantile	00:12:03
95.0% quantile	00:47:46
Mean	00:16:15
Maximum:	01:18:59

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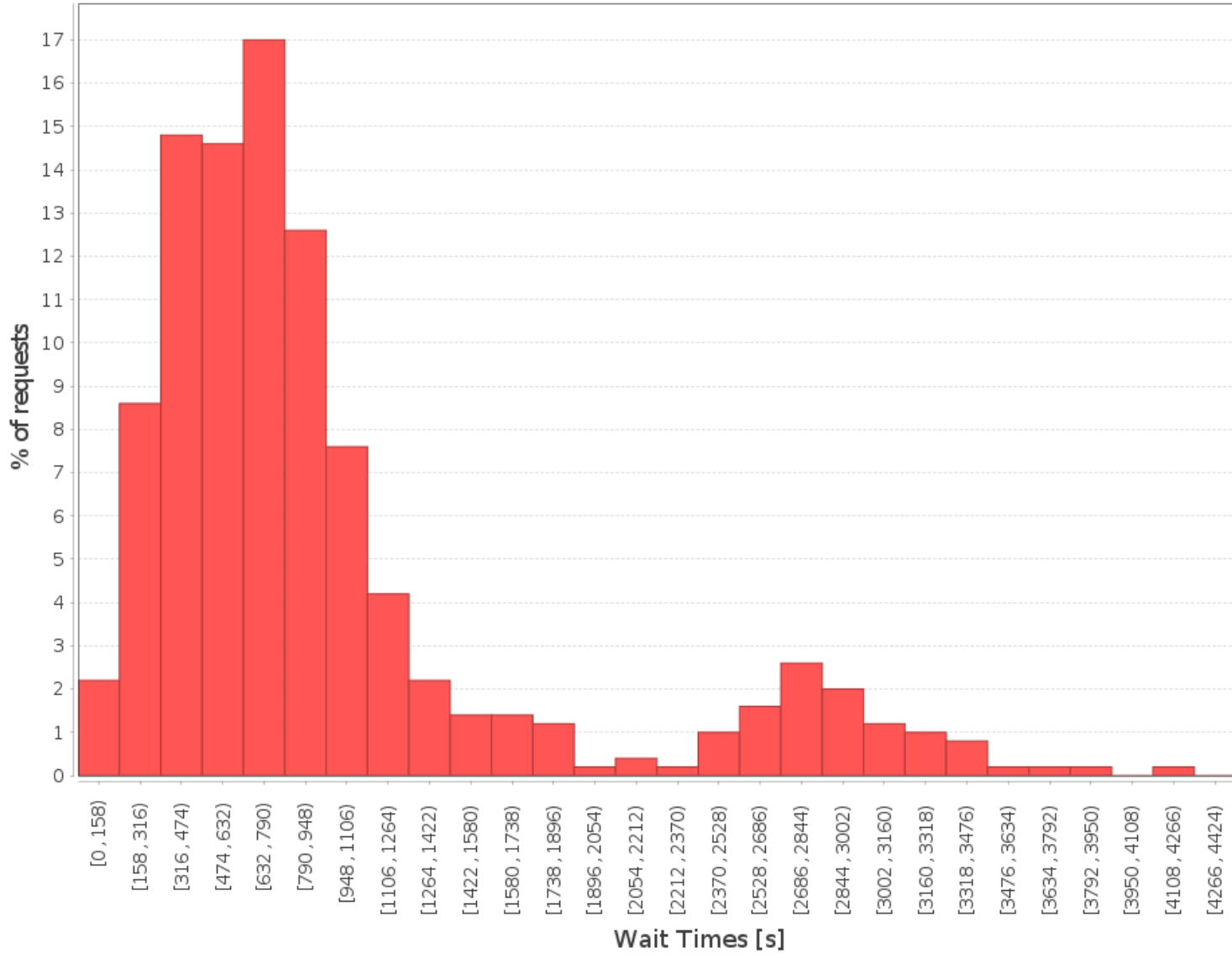
Binned Waiting Times
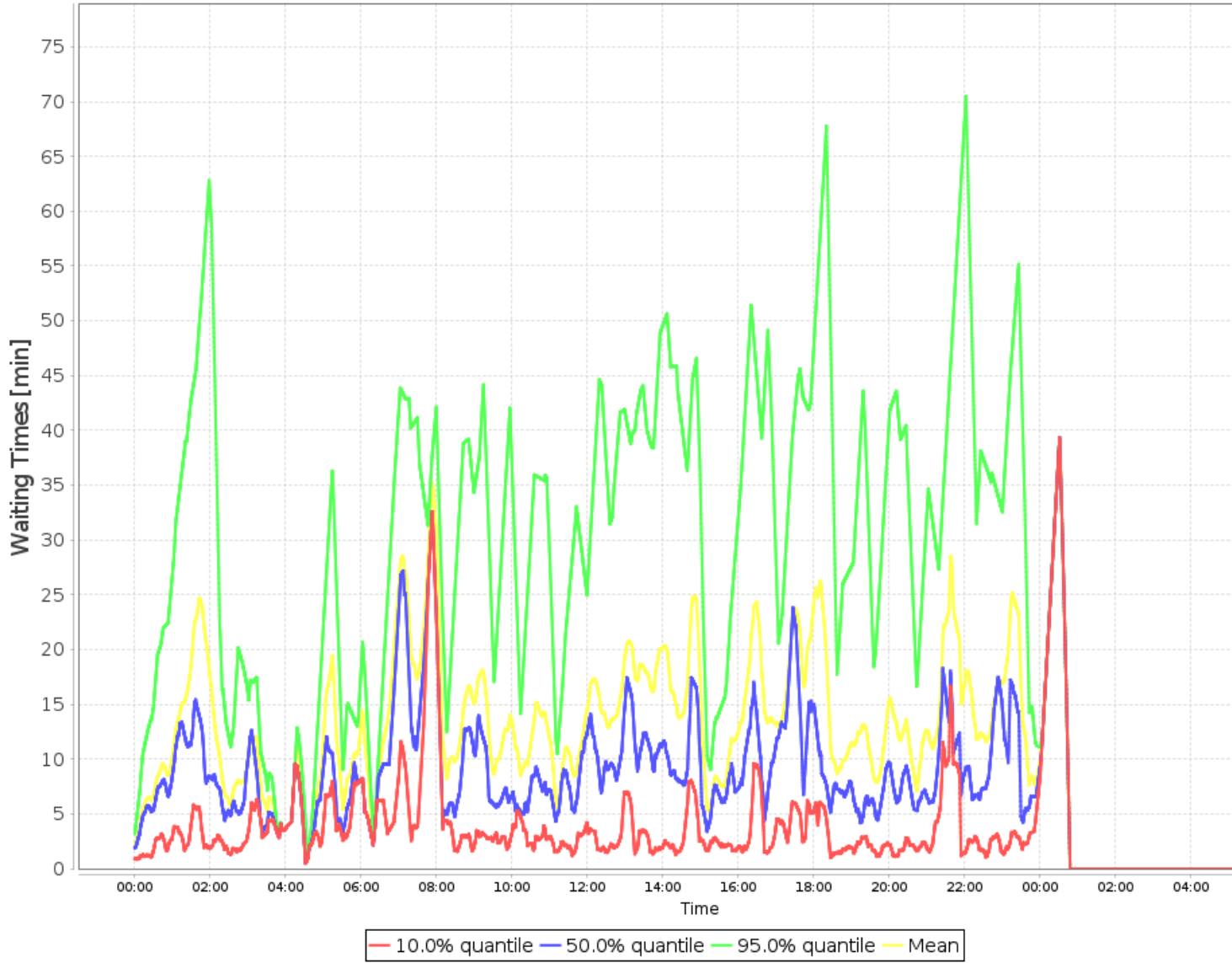
Waiting Customers per Day Time
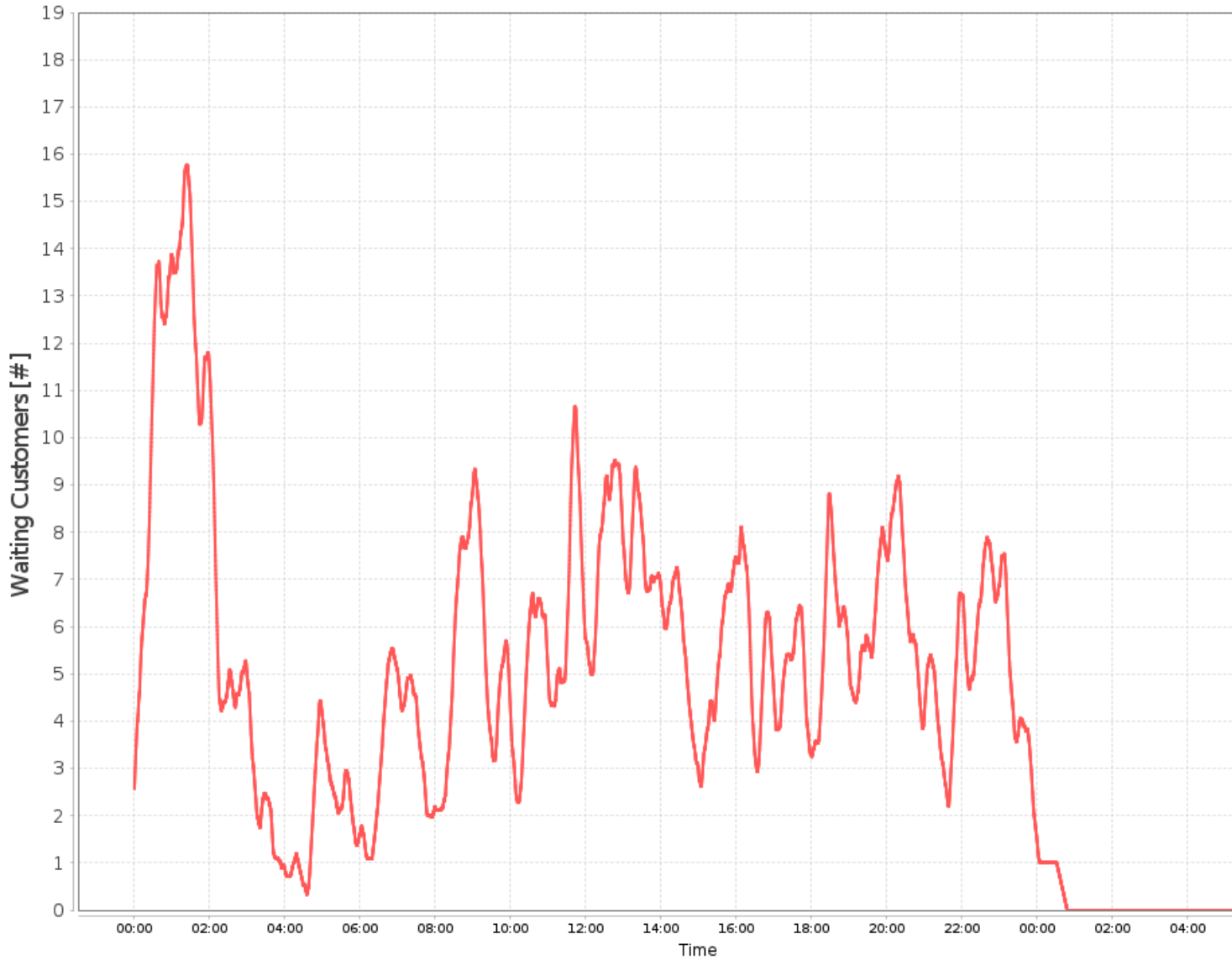
Drive Times

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
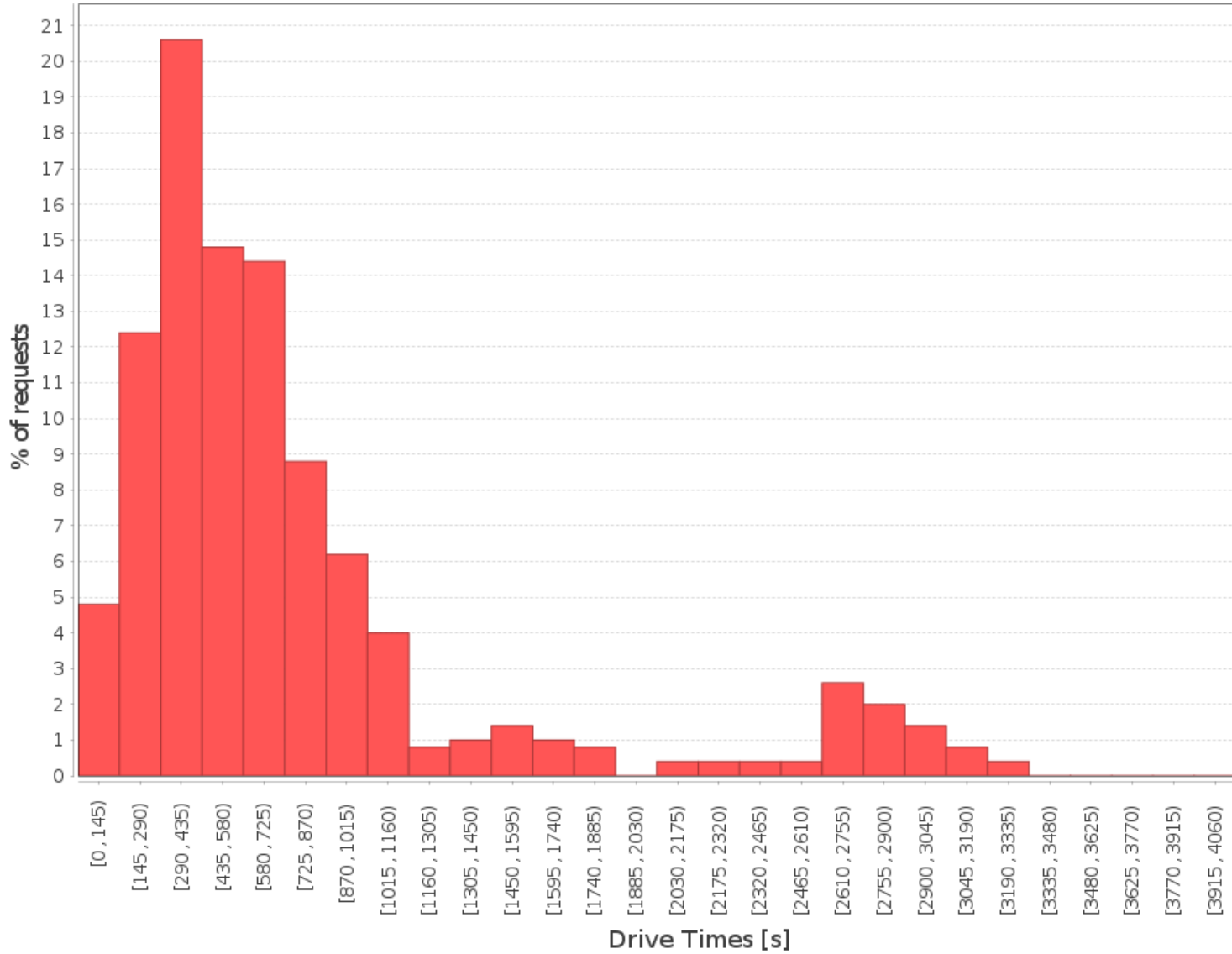
Total Journey Times

10.0% quantile	00:11:46
50.0% quantile	00:22:06
95.0% quantile	01:21:21
Mean	00:29:07
Maximum:	01:59:06

Number of Requests per Total Journey Time
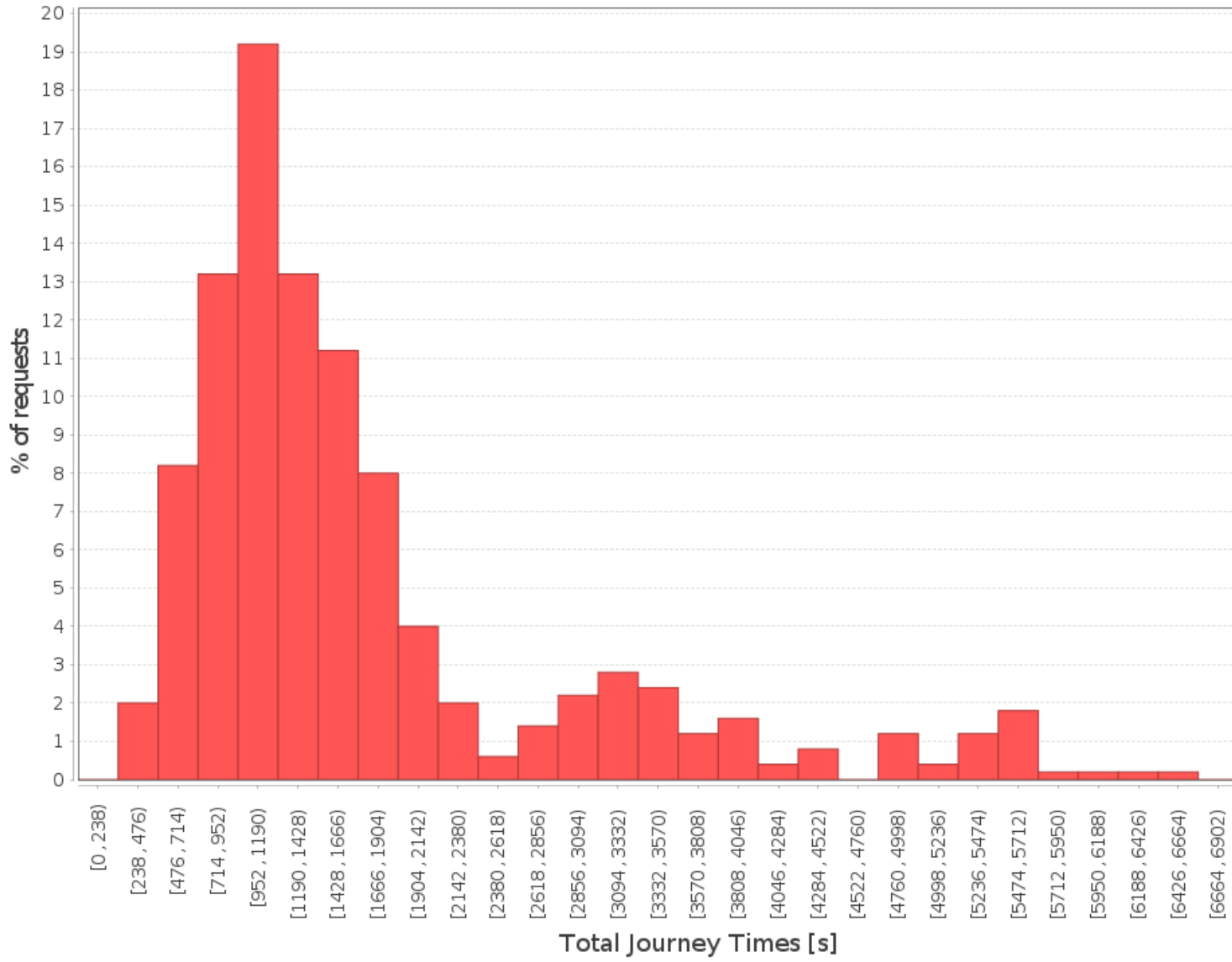
Fleet Efficiency

Distance Distribution over Day
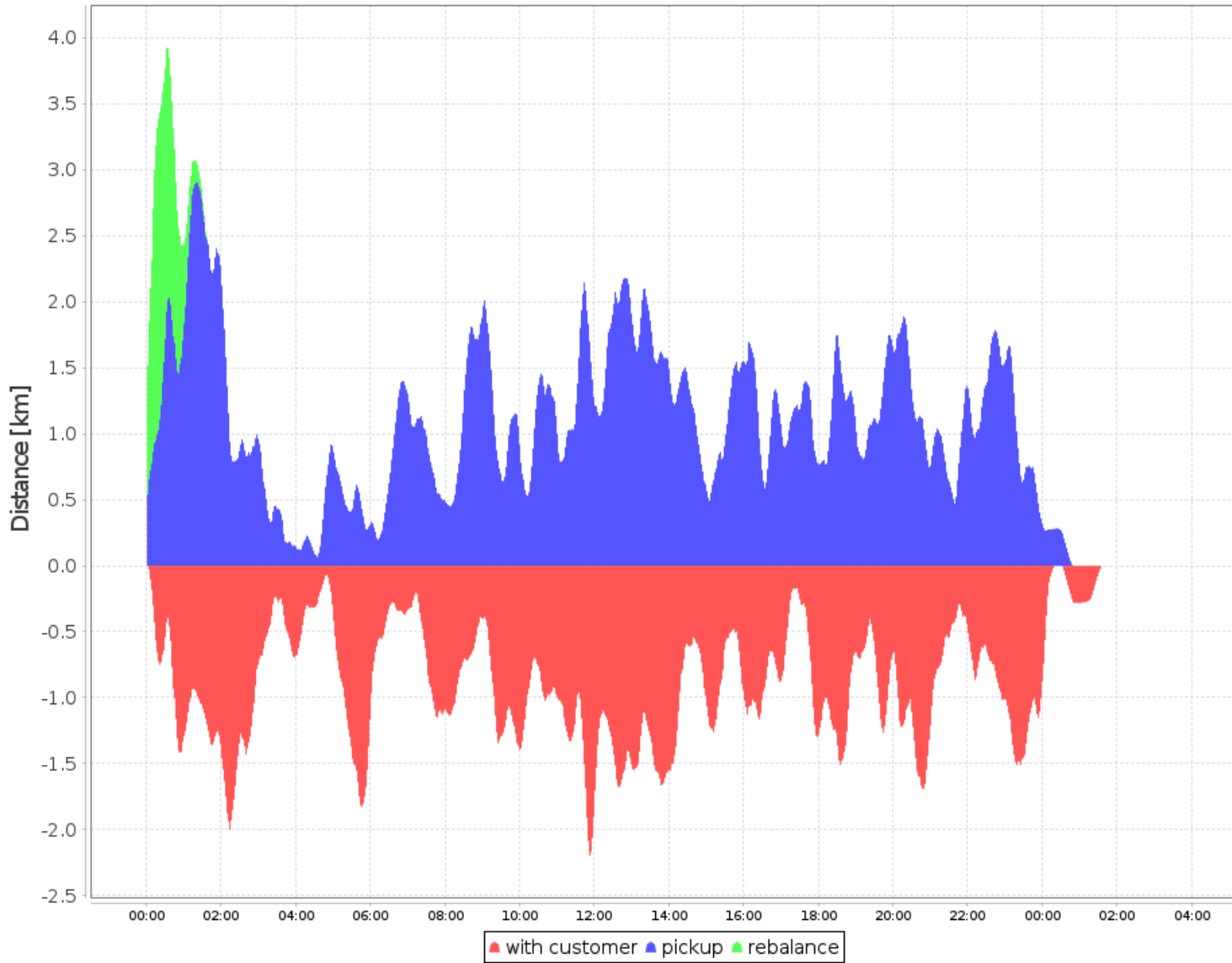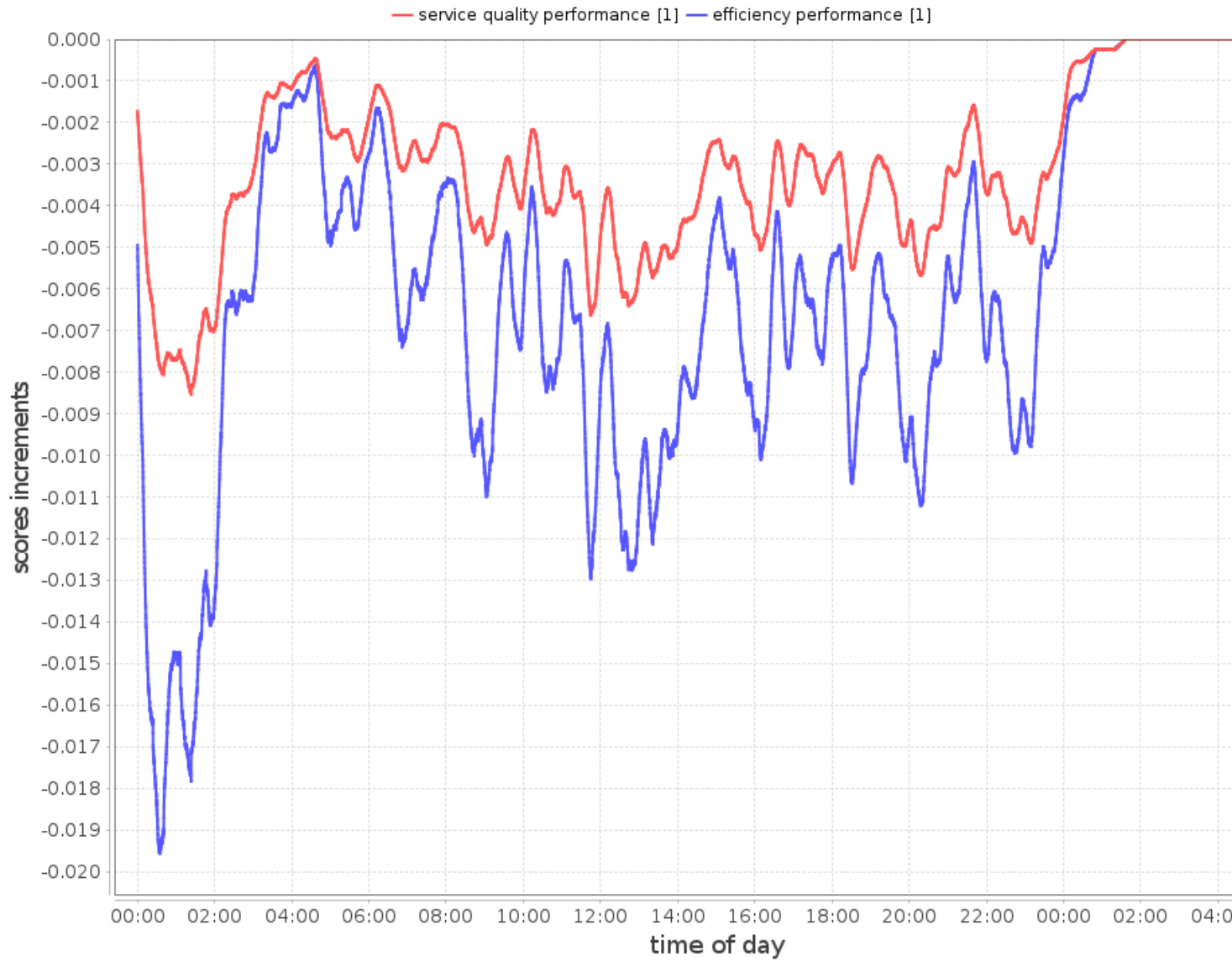
Occupancy and Distance Ratios

Number Passengers

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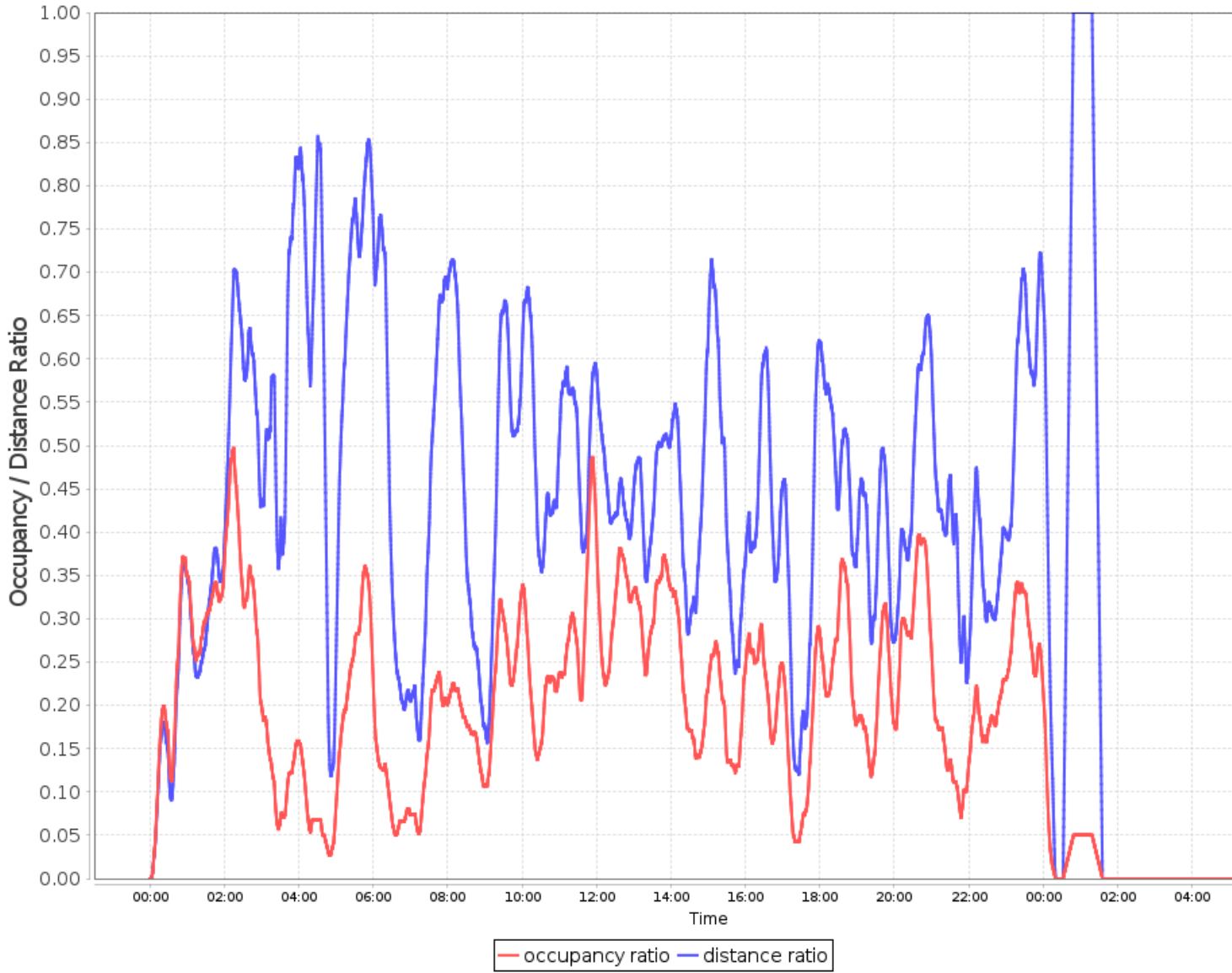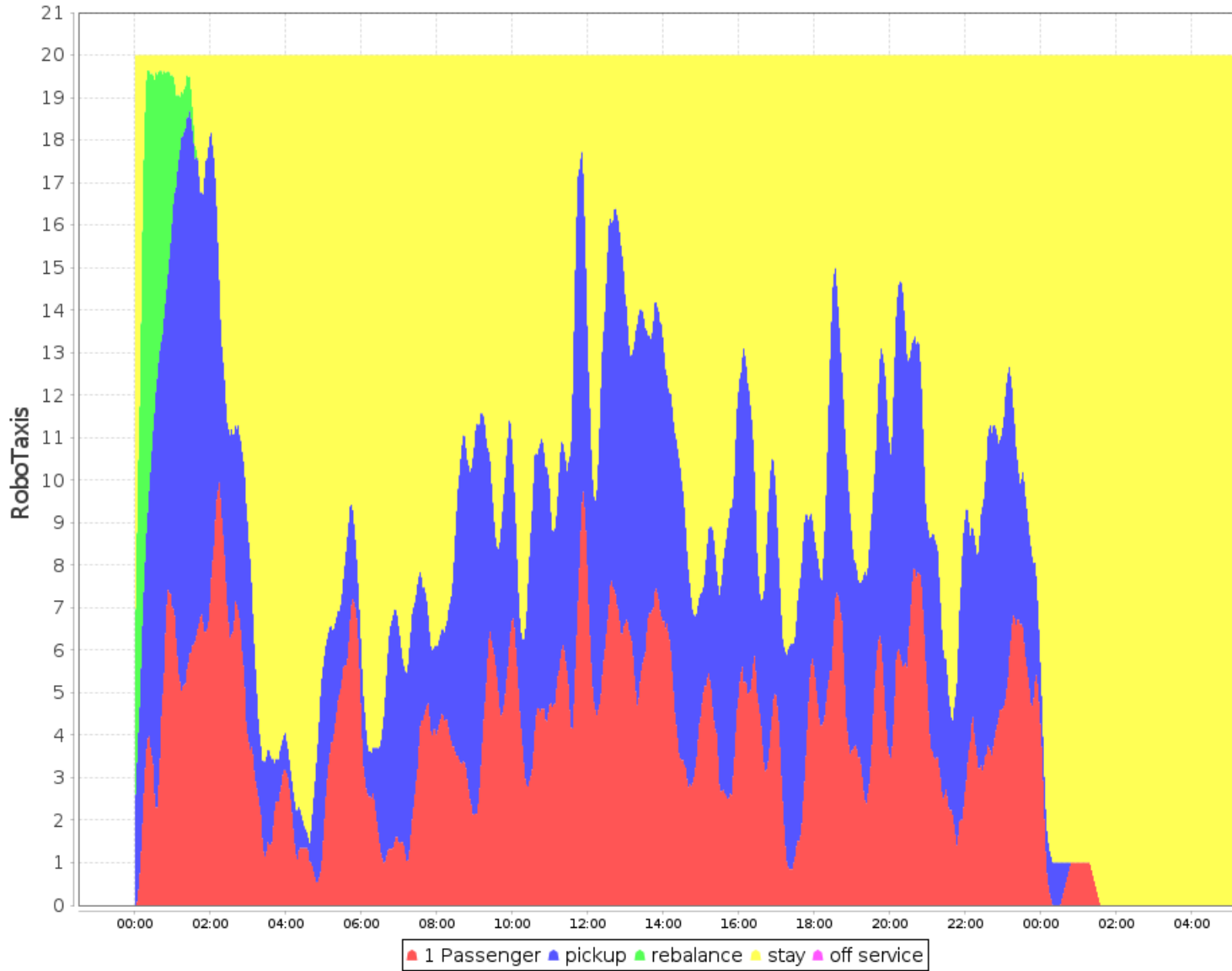
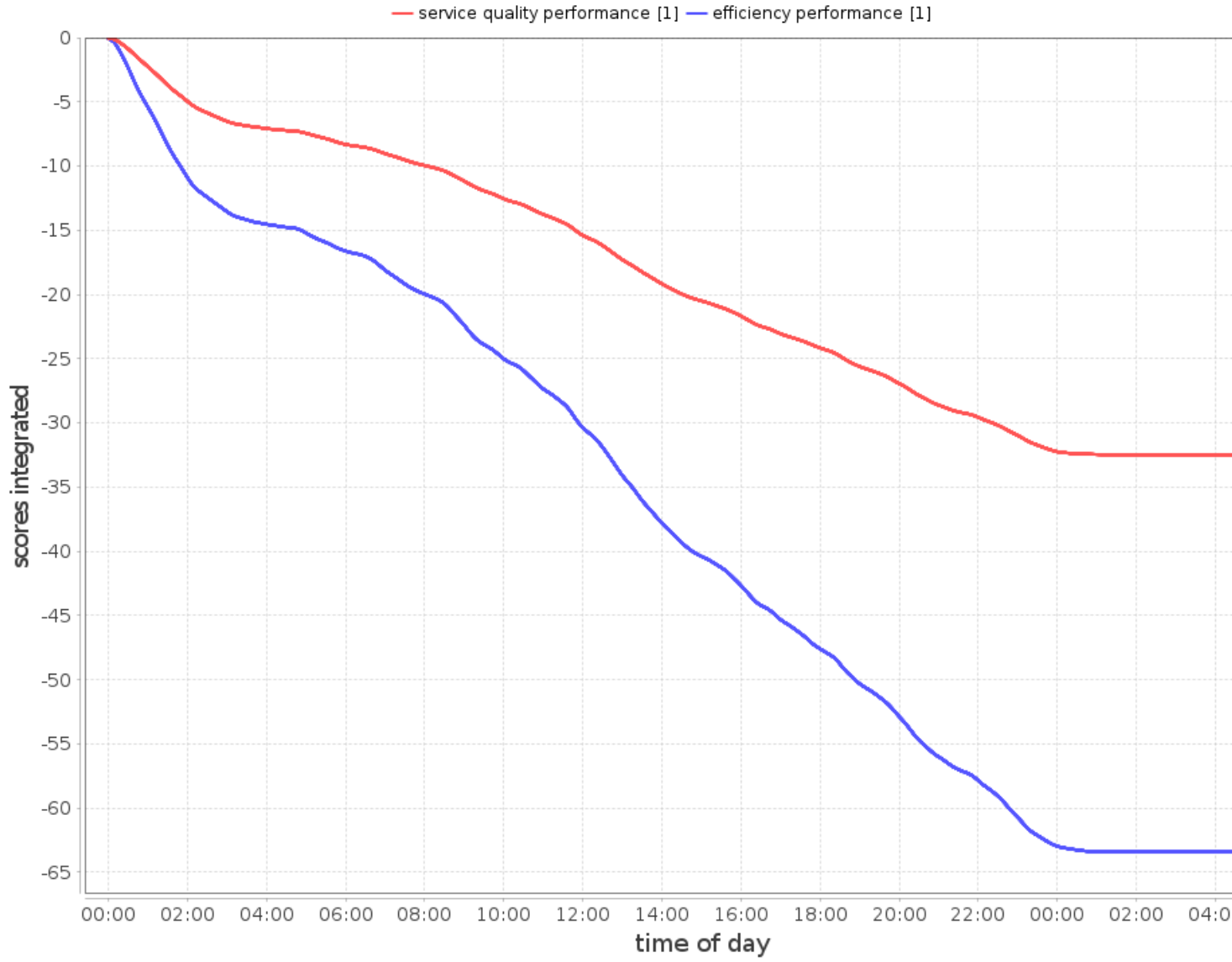## Ride Sharing Distribution, fraction of Requests

■ 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
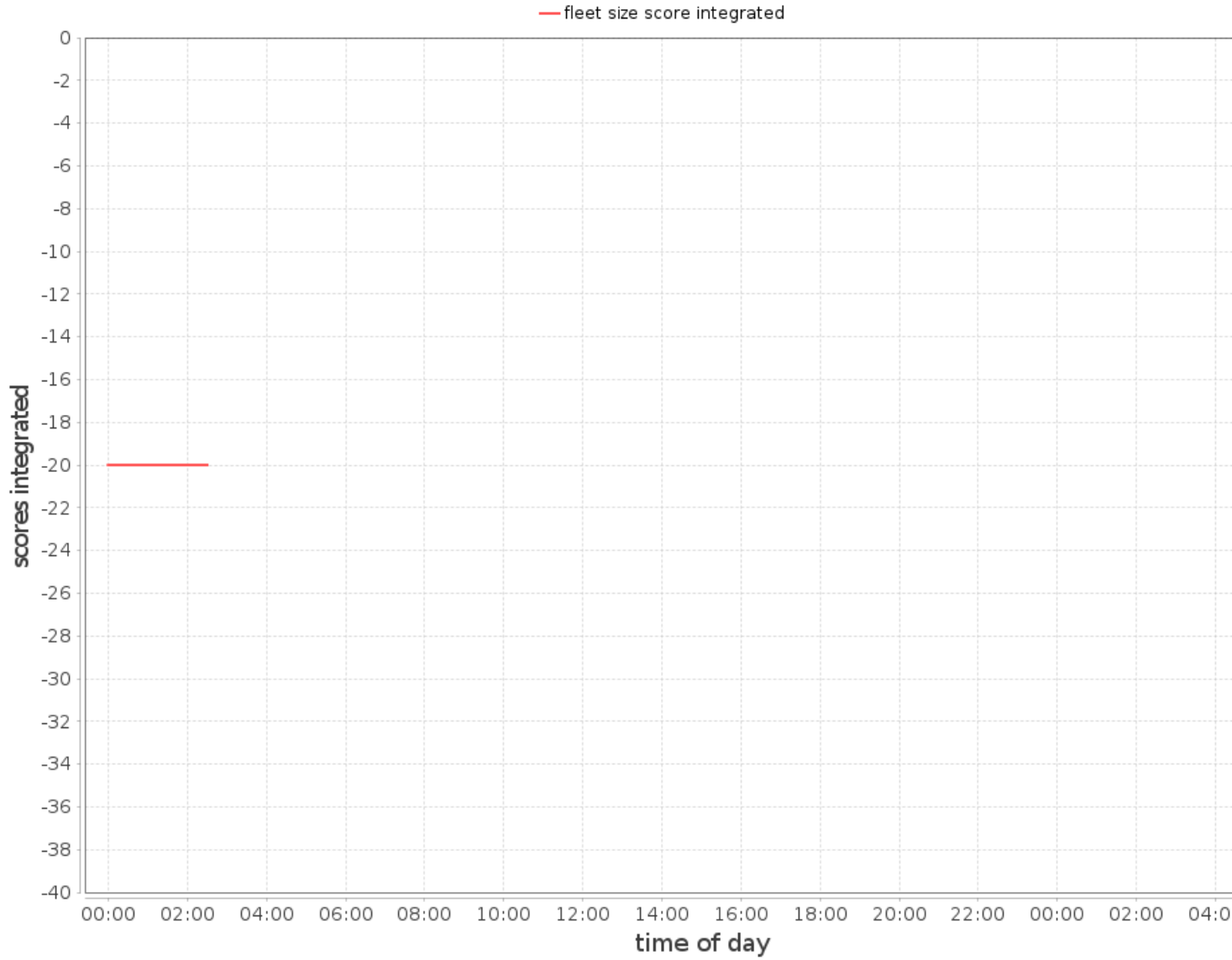
Final Scores

final service quality score:	-32.494135912330385
final efficiency score:	-63.403583649319
final fleet size score:	-Infinity