AMoDeus Simulation Report

Simulation Information

User:	root
Timestamp:	2019/04/24 - 09:19:08
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:	41.82%
Occupancy Ratio:	17.86 %

Distances

Total:	19602.80 km
Rebalancing:	1395.25 km (7.12%)
Pickup:	10010.56 km (51.07%)
With Customer:	8196.99 km (41.82%)

Average Trip Distance:	16.39 km

Total Distance Distribution

With Customer ■ Pickup ■ Rebalancing
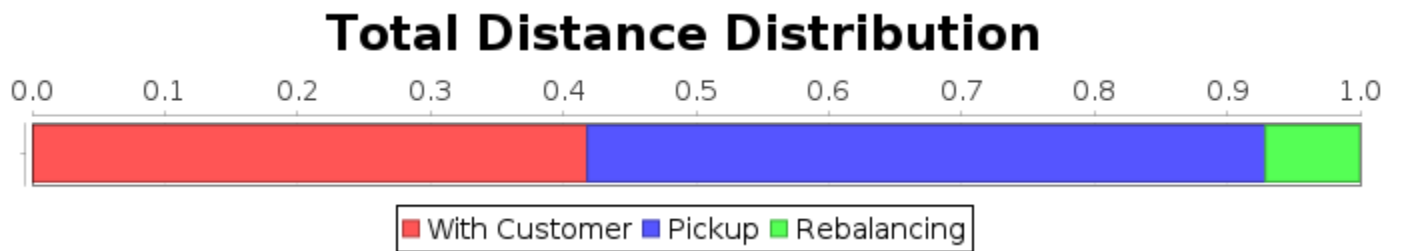
Wait Times

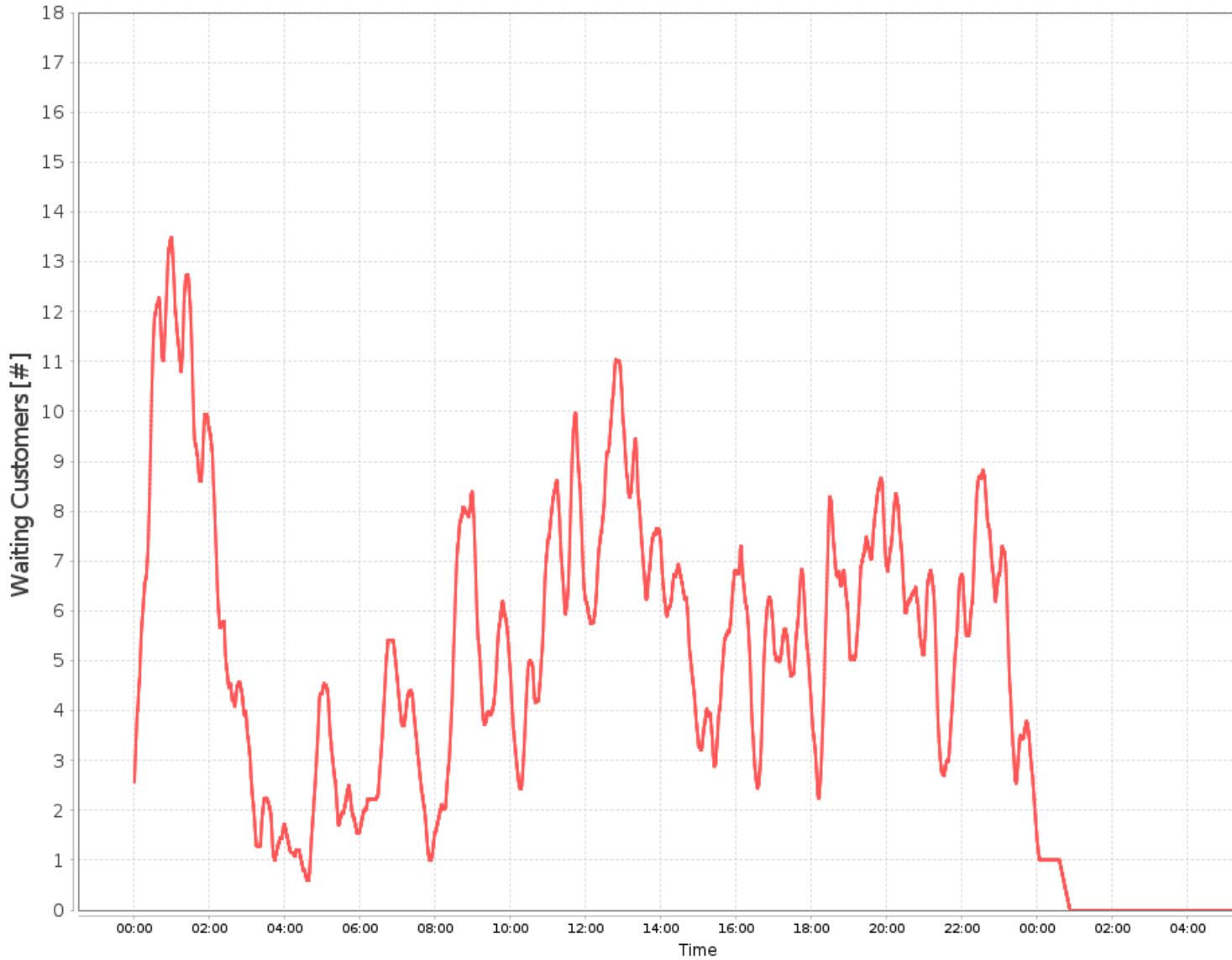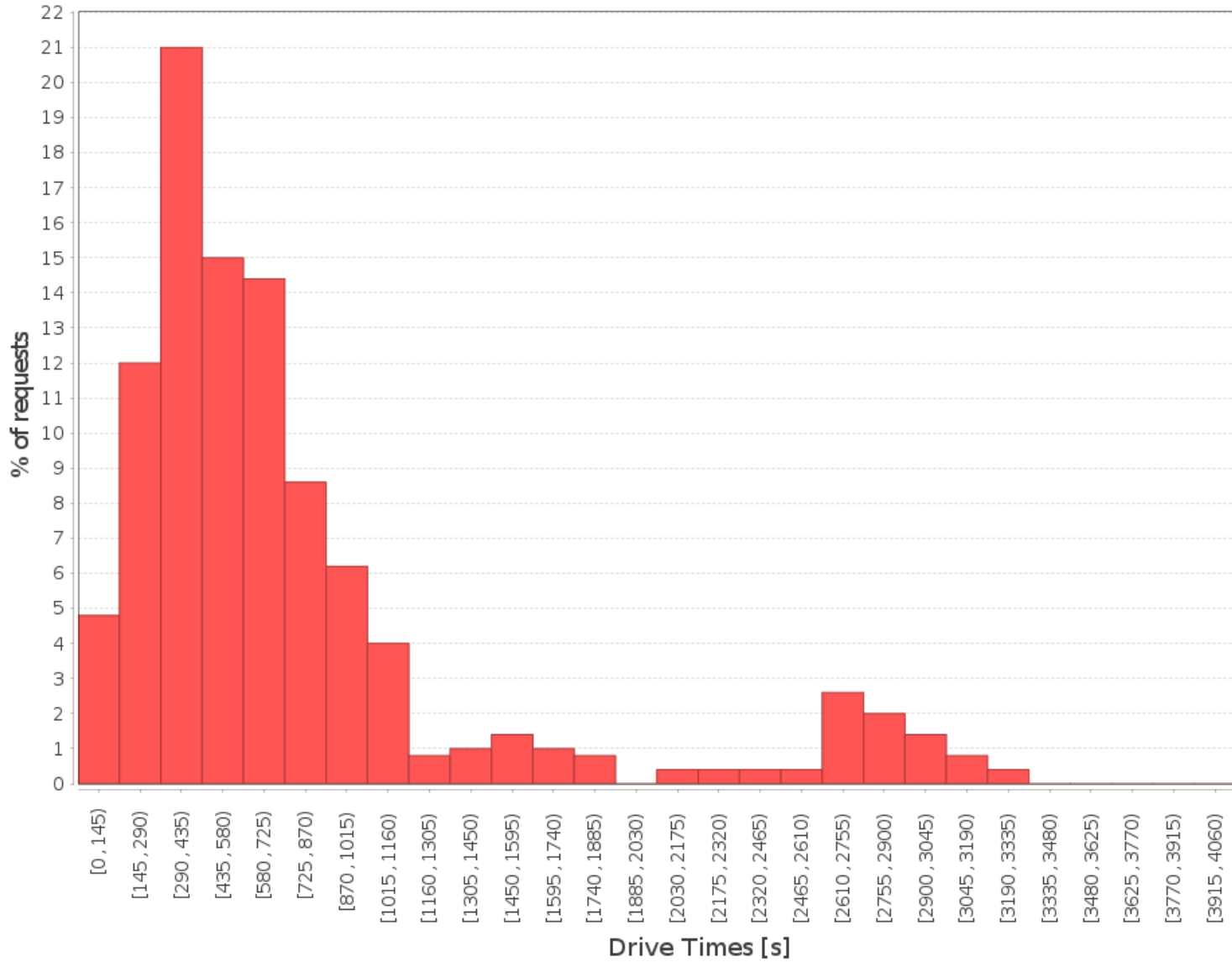|	
10.0% quantile	00:04:53
50.0% quantile	00:11:46
95.0% quantile	00:48:48
Mean	00:16:06
Maximum:	01:15:28

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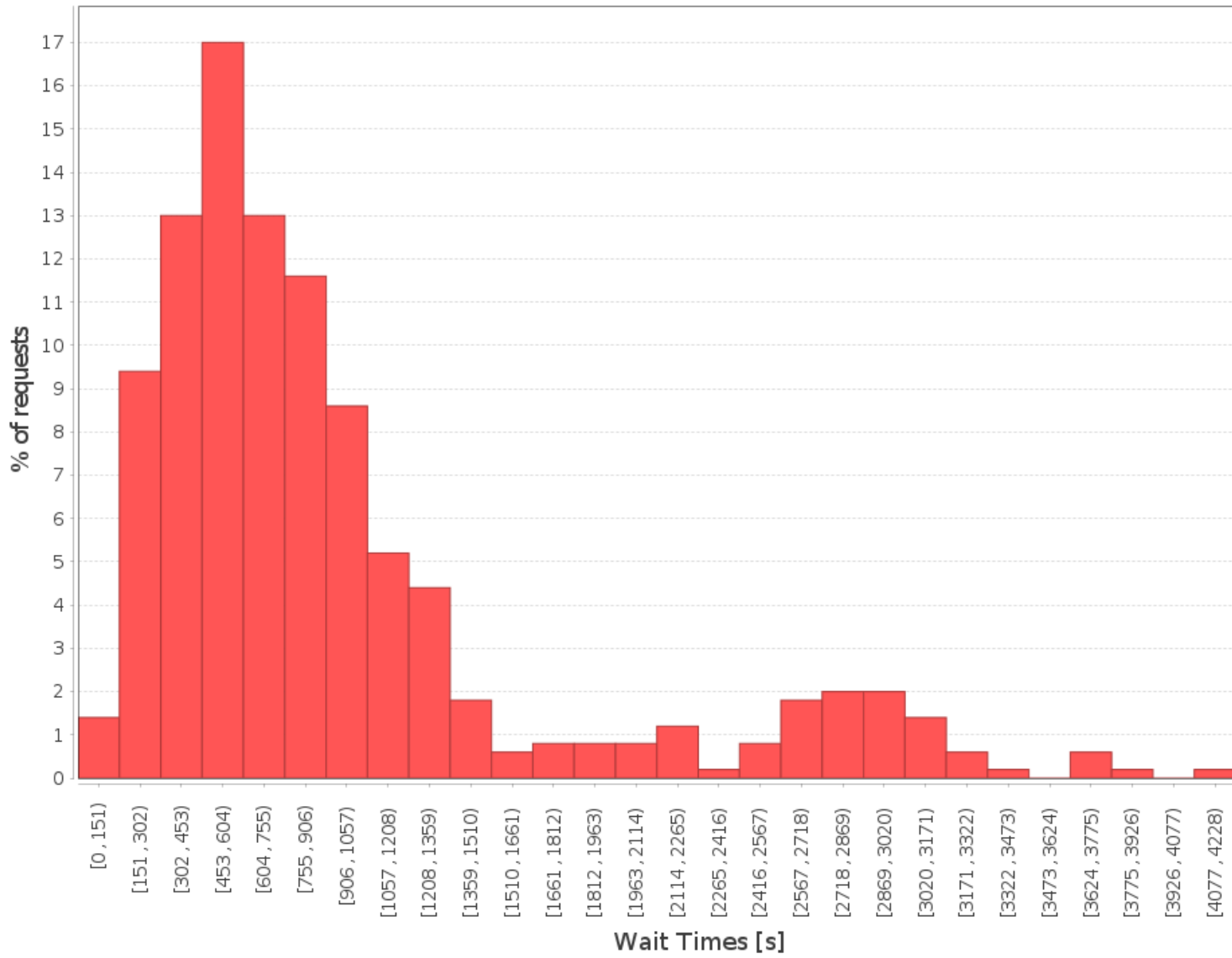
Binned Waiting Times
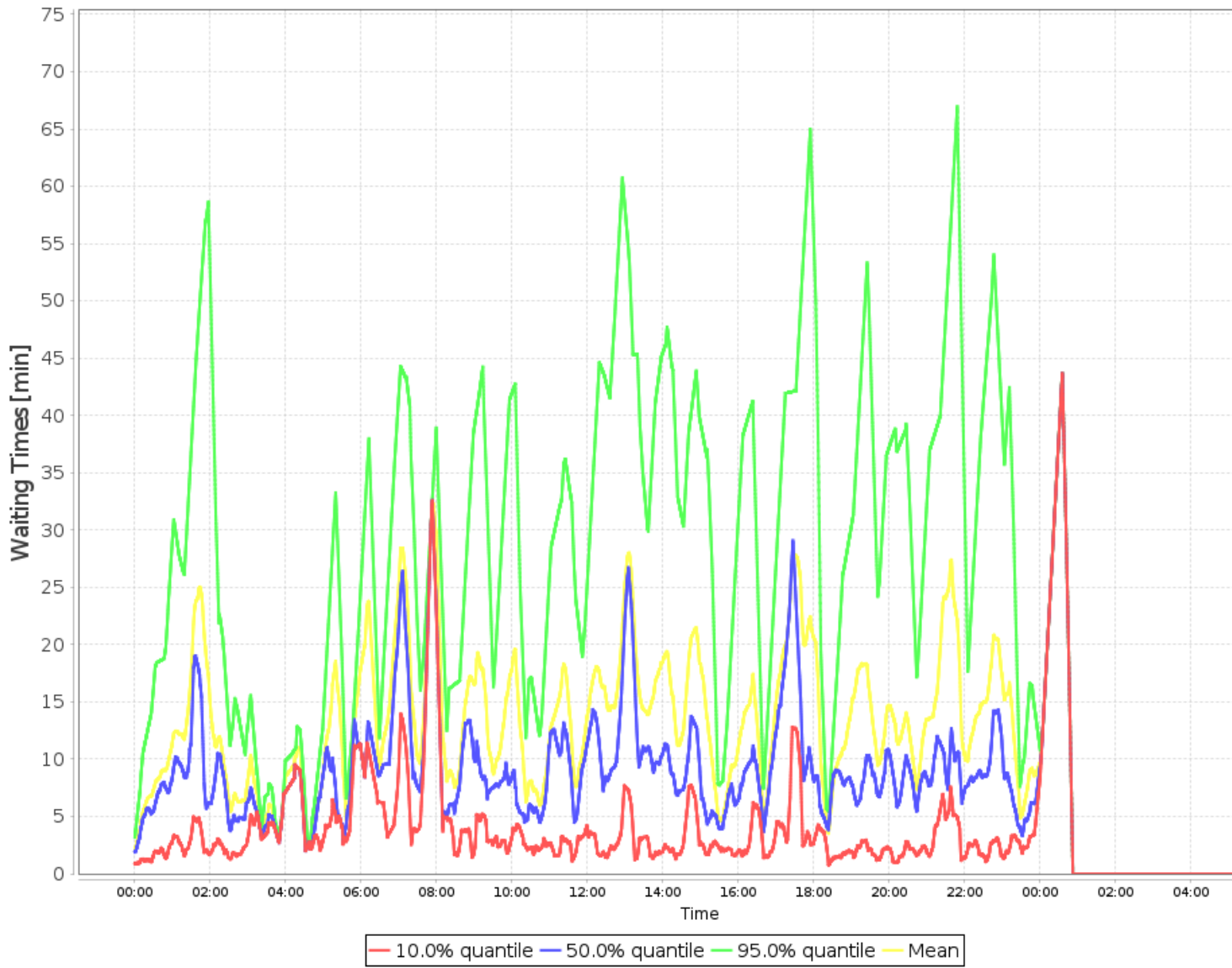
Waiting Customers per Day Time

Drive Times

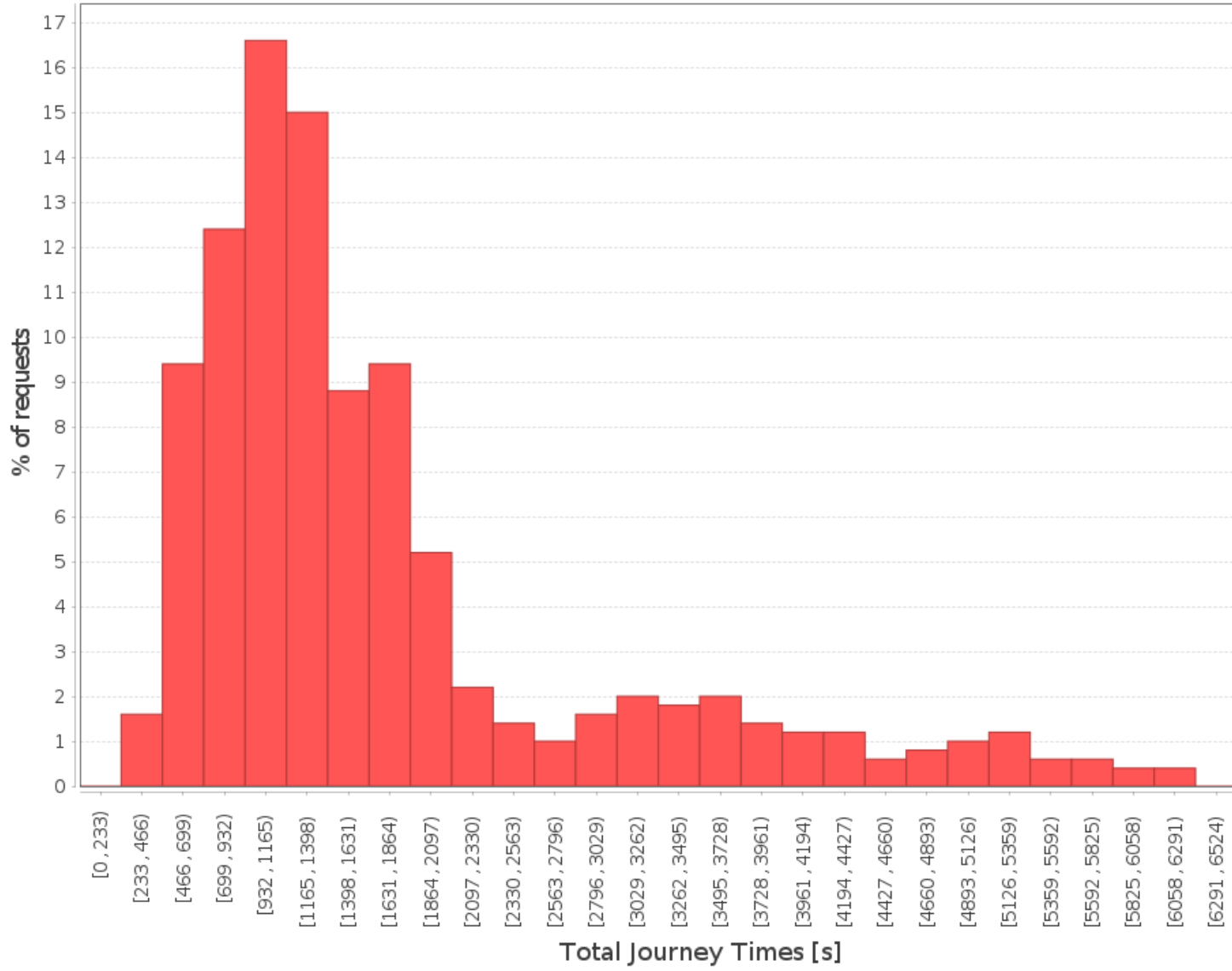|	
10.0% quantile	00:03:30
50.0% quantile	00:09:10
95.0% quantile	00:45:30
Mean	00:12:51
Maximum:	01:12:20

Number of Requests per Drive Time
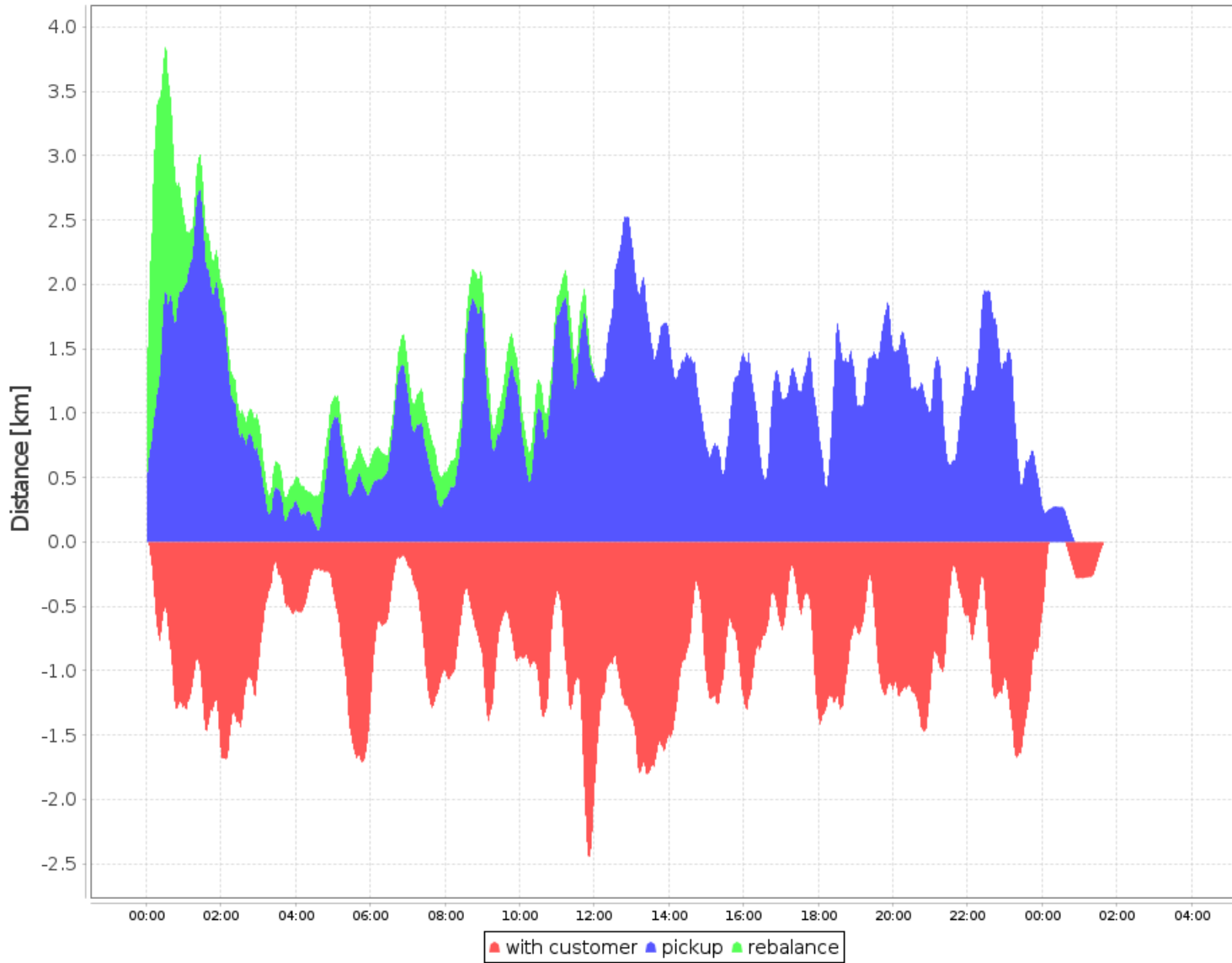

Total Journey Times

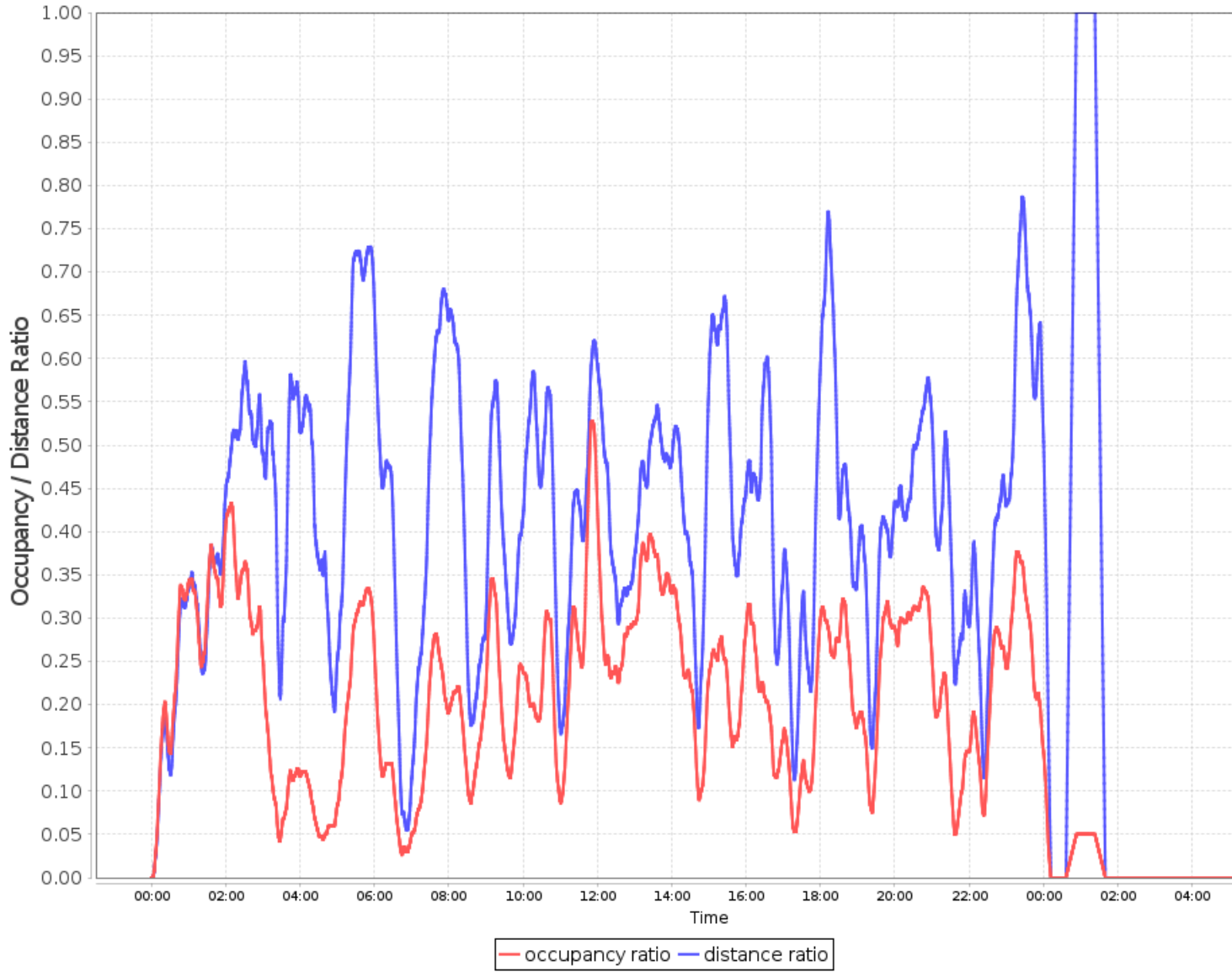|	
10.0% quantile	00:11:17
50.0% quantile	00:21:51
95.0% quantile	01:17:50
Mean	00:28:58
Maximum:	01:56:25

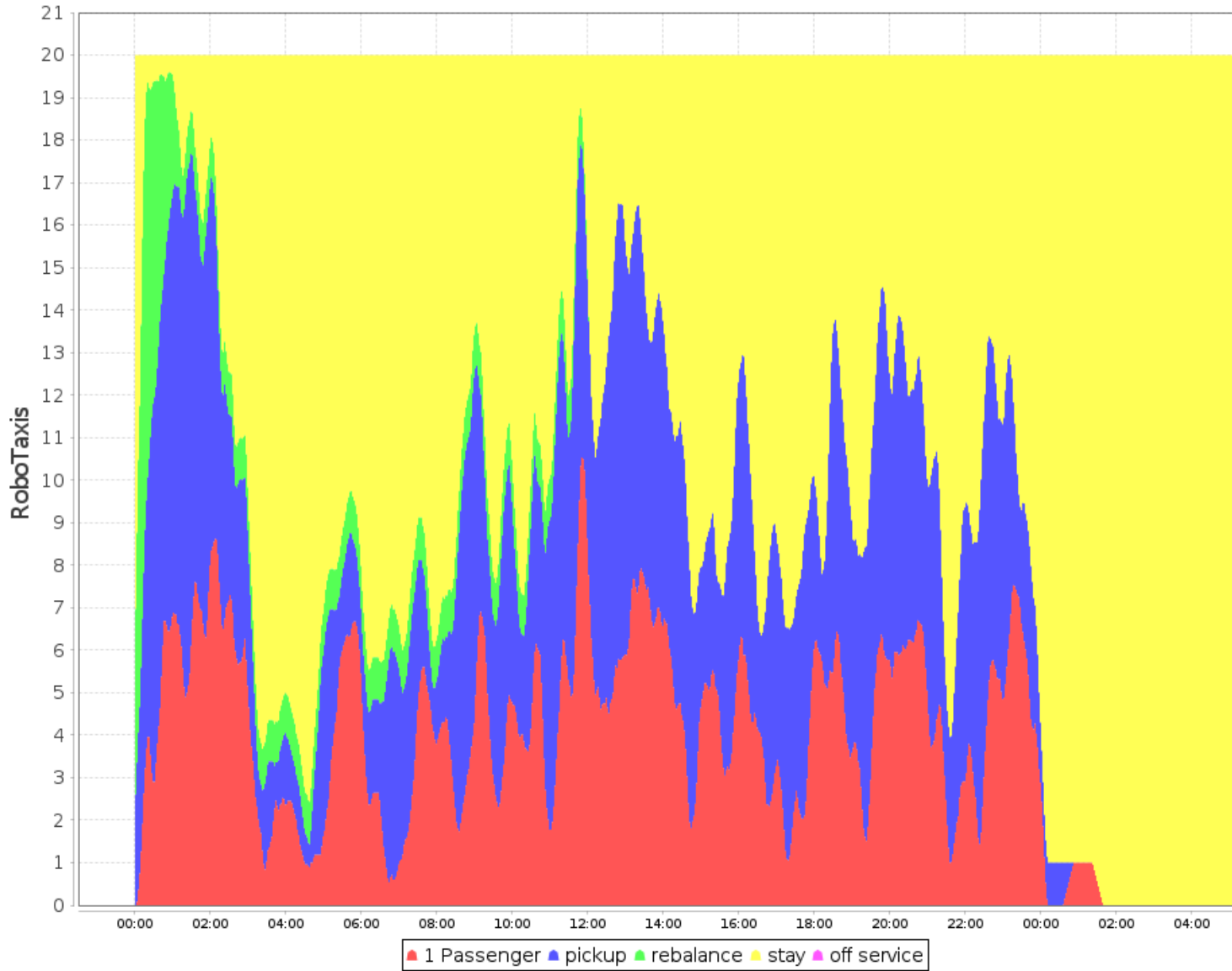# Number of Requests per Total Journey Time

Fleet Efficiency

Distance Distribution over Day
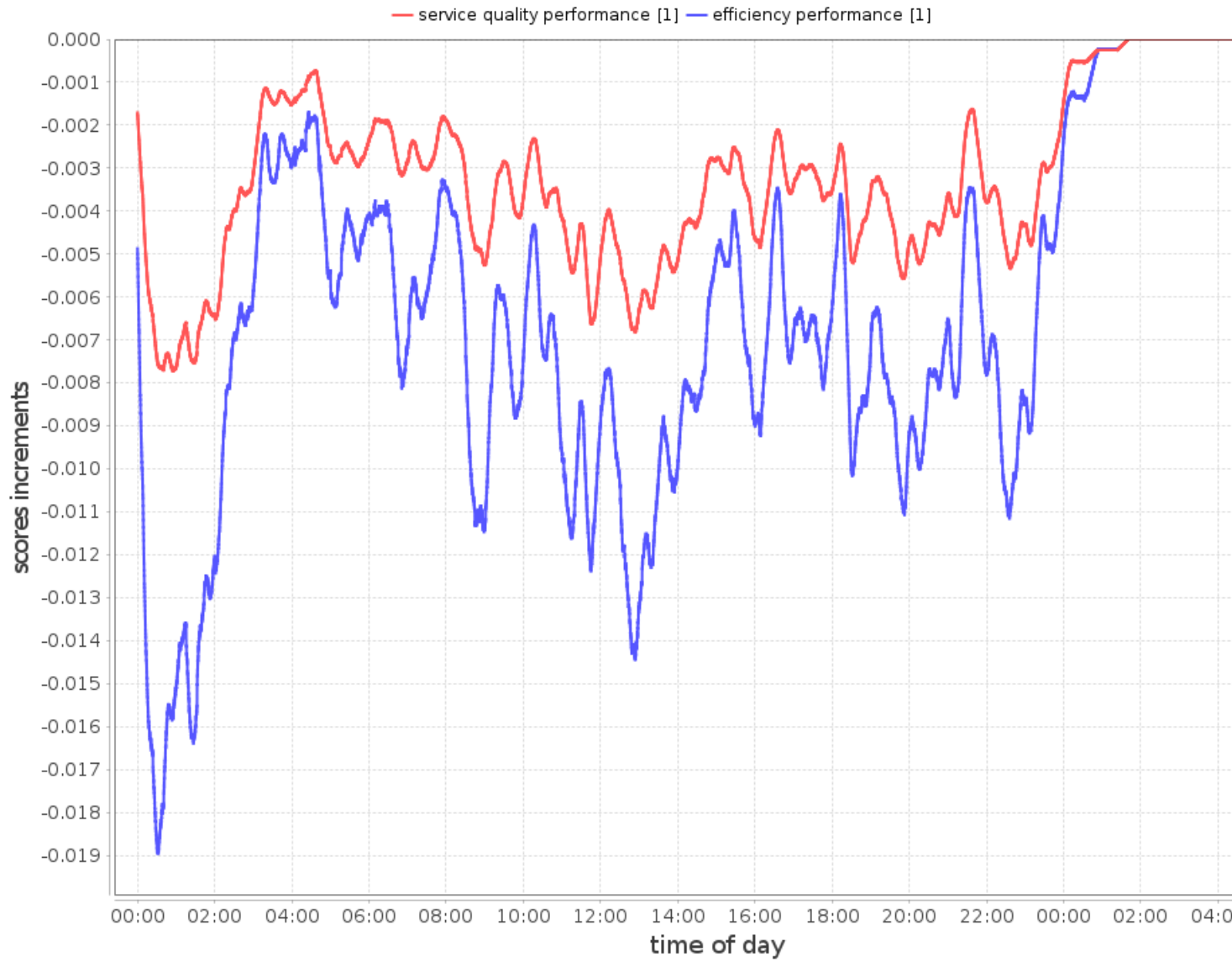
Occupancy and Distance Ratios

Number Passengers

1 Passenger ▲ pickup ▲ rebalance ▲ stay ▲ off service

Ride Sharing Distribution, fraction of Requests

■ 1 Passengers

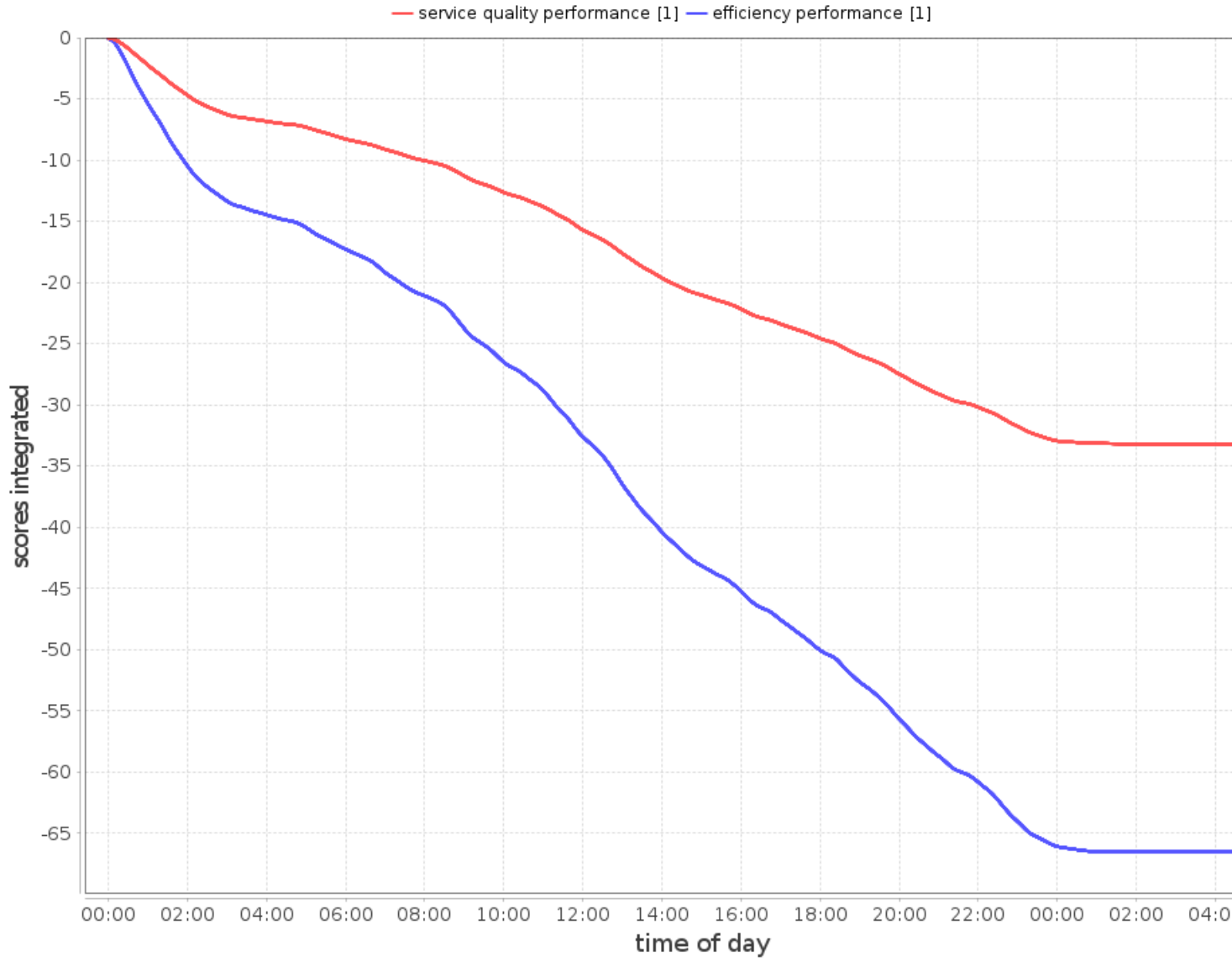# Aido Scores

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

— fleet size score integrated
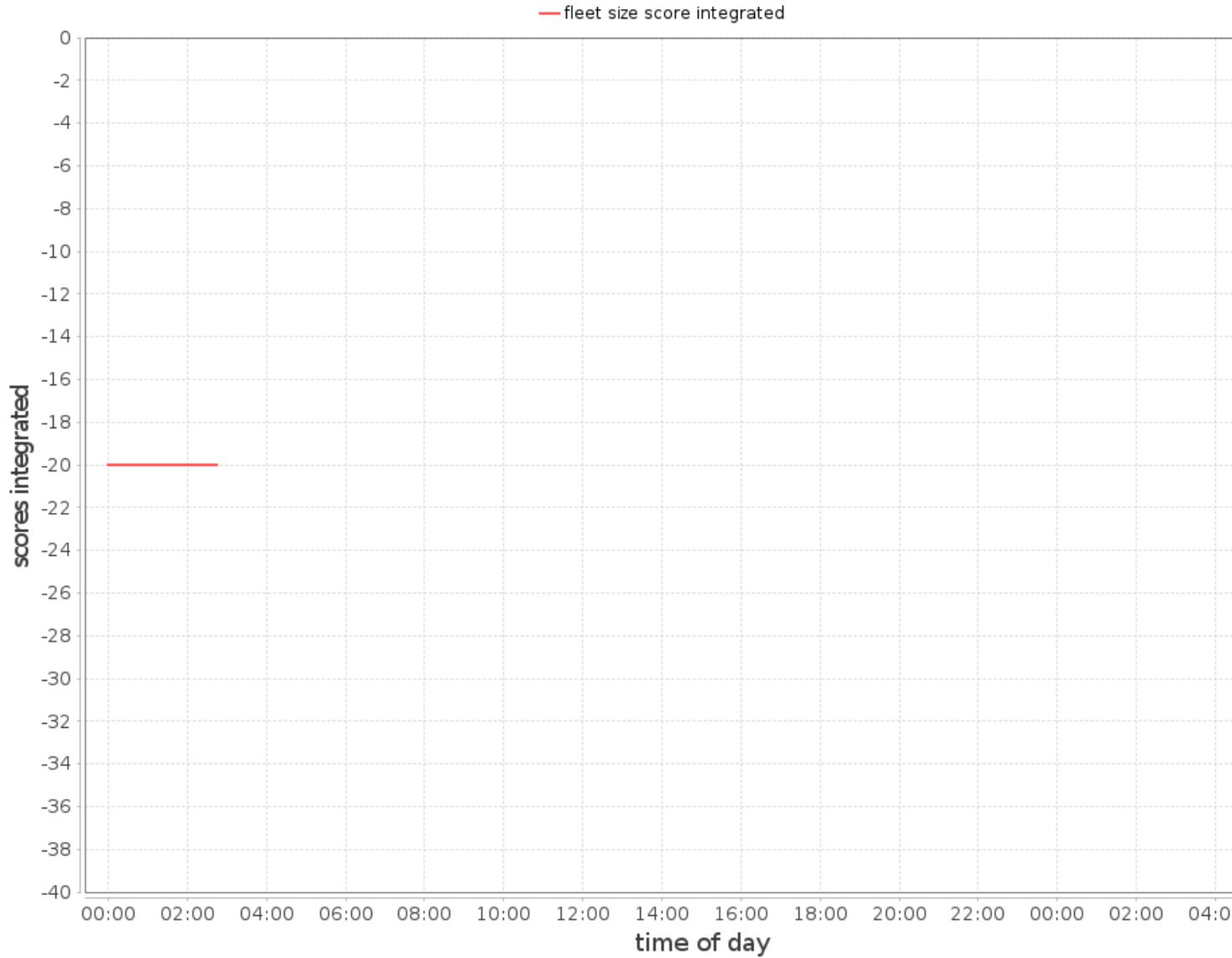
Final Scores

final service quality score: -33.19056308175675

final efficiency score: -66.53661232702711

final fleet size score: -Infinity