AMoDeus Simulation Report

Simulation Information

User:	root
Timestamp:	2018/12/05 - 13:11:34
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:	41.50%
Occupancy Ratio:	17.87 %

Distances

Total:	19751.29 km
Rebalancing:	1643.41 km (8.32%)
Pickup:	9910.22 km (50.18%)
With Customer:	8197.66 km (41.50%)

Average Trip Distance:	16.40 km

Total Distance Distribution

■ With Customer ■ Pickup ■ Rebalancing
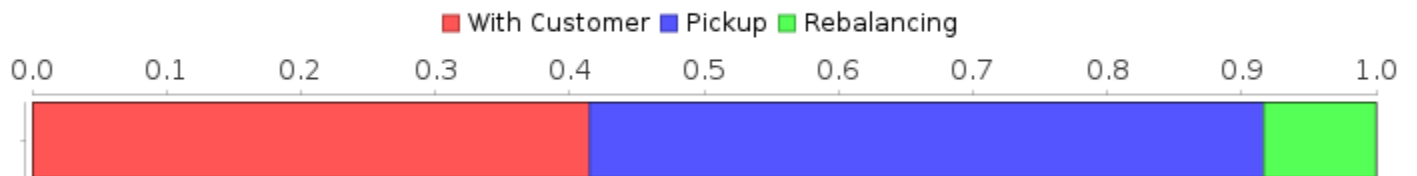
Wait Times

10.0% quantile	00:05:06
50.0% quantile	00:12:10
95.0% quantile	00:47:29
Mean	00:16:09
Maximum:	01:15:28

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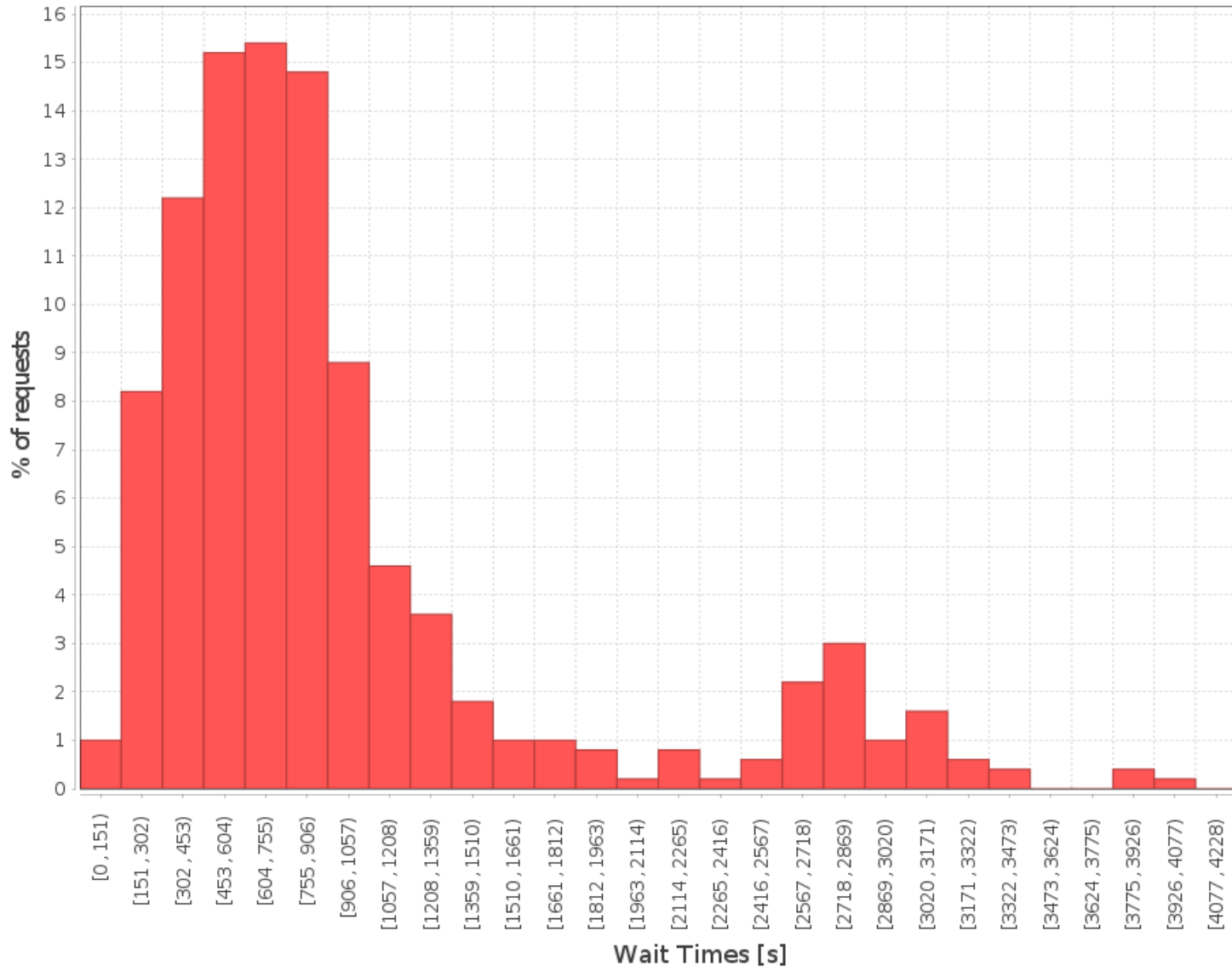
Binned Waiting Times
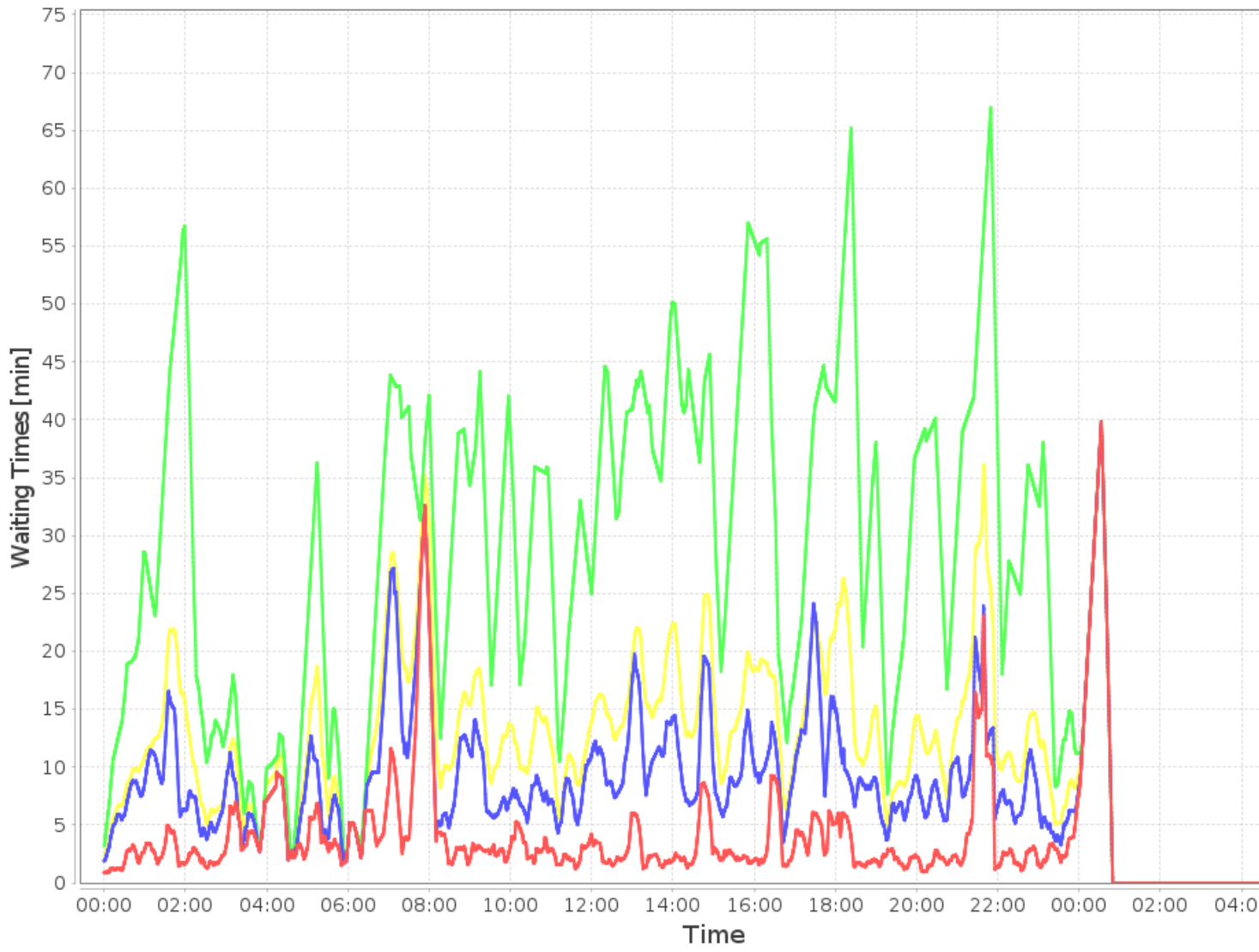
Waiting Customers per Day Time

— # waiting customers
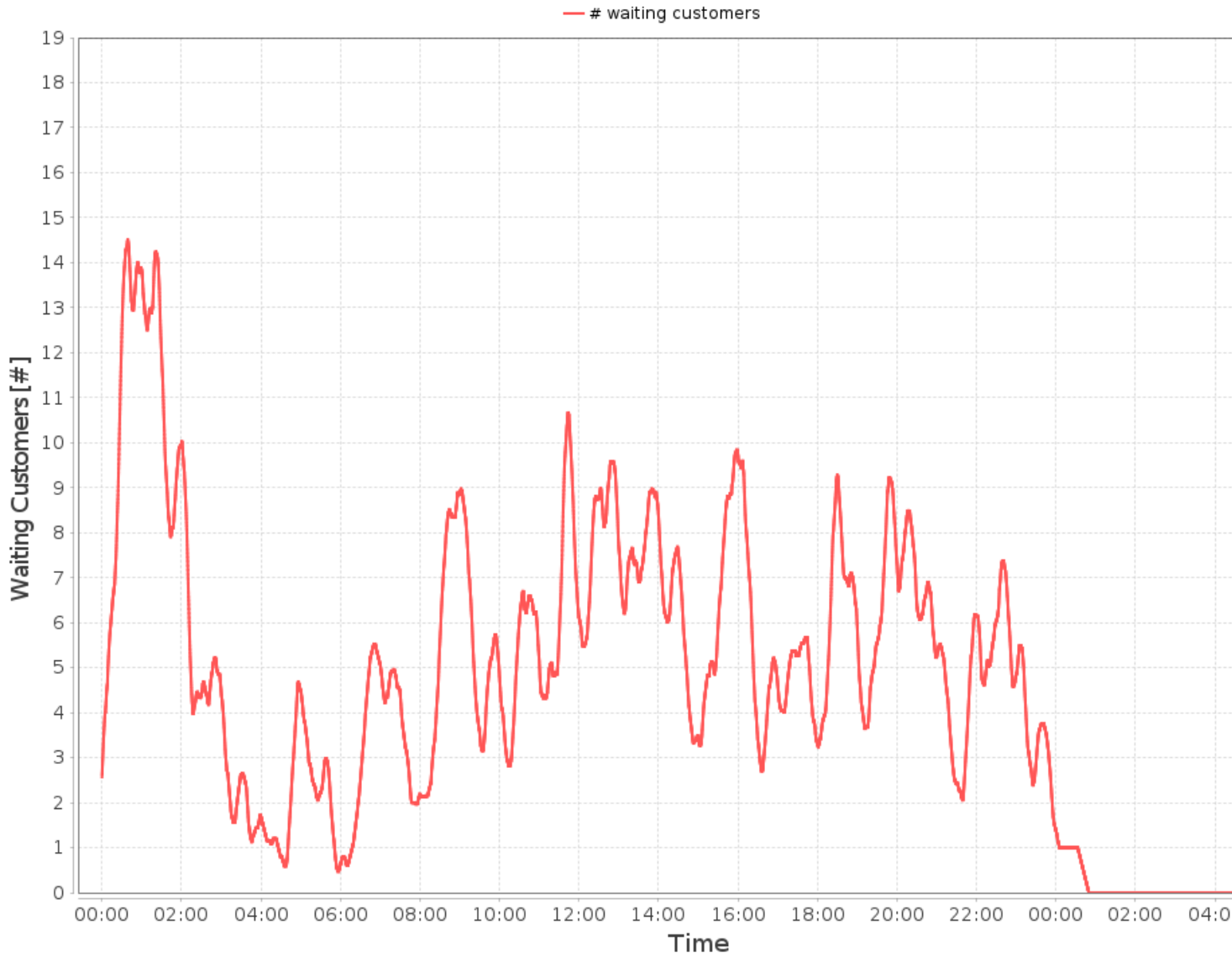
Drive Times

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

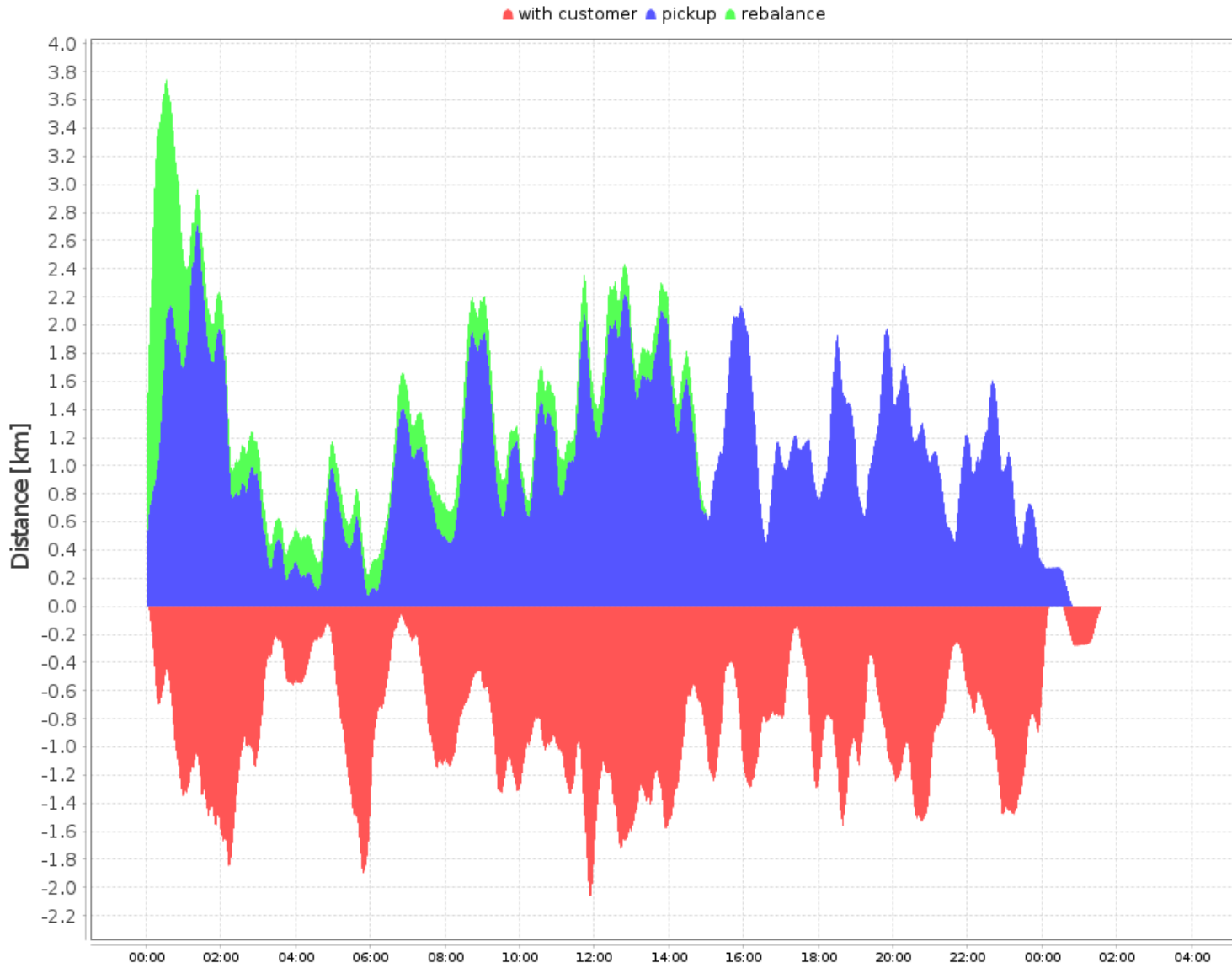## Number of Requests per Drive Time
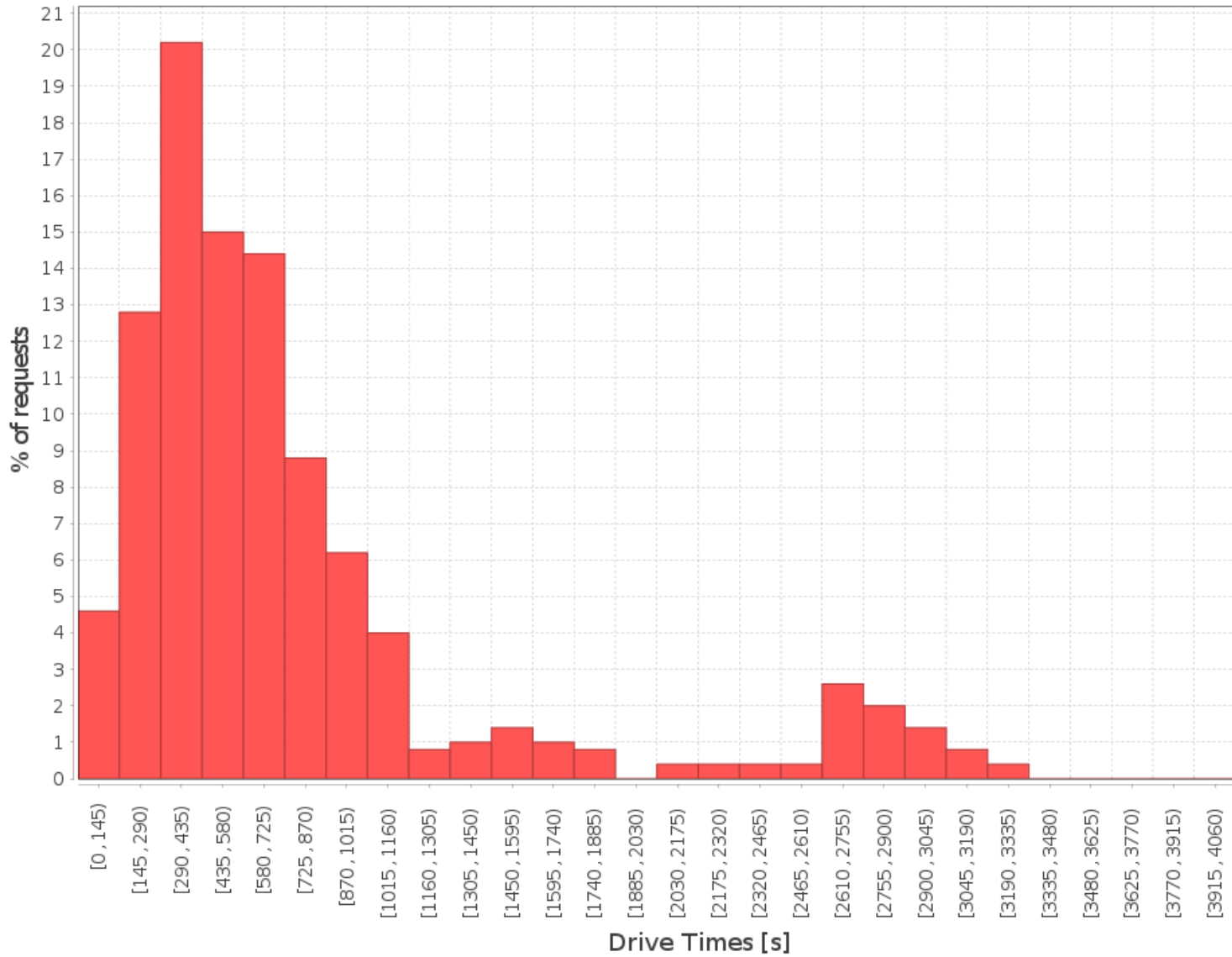
Total Journey Times

10.0% quantile	00:11:30
50.0% quantile	00:22:22
95.0% quantile	01:15:13
Mean	00:29:00
Maximum:	01:59:06

Number of Requests per Total Journey Time
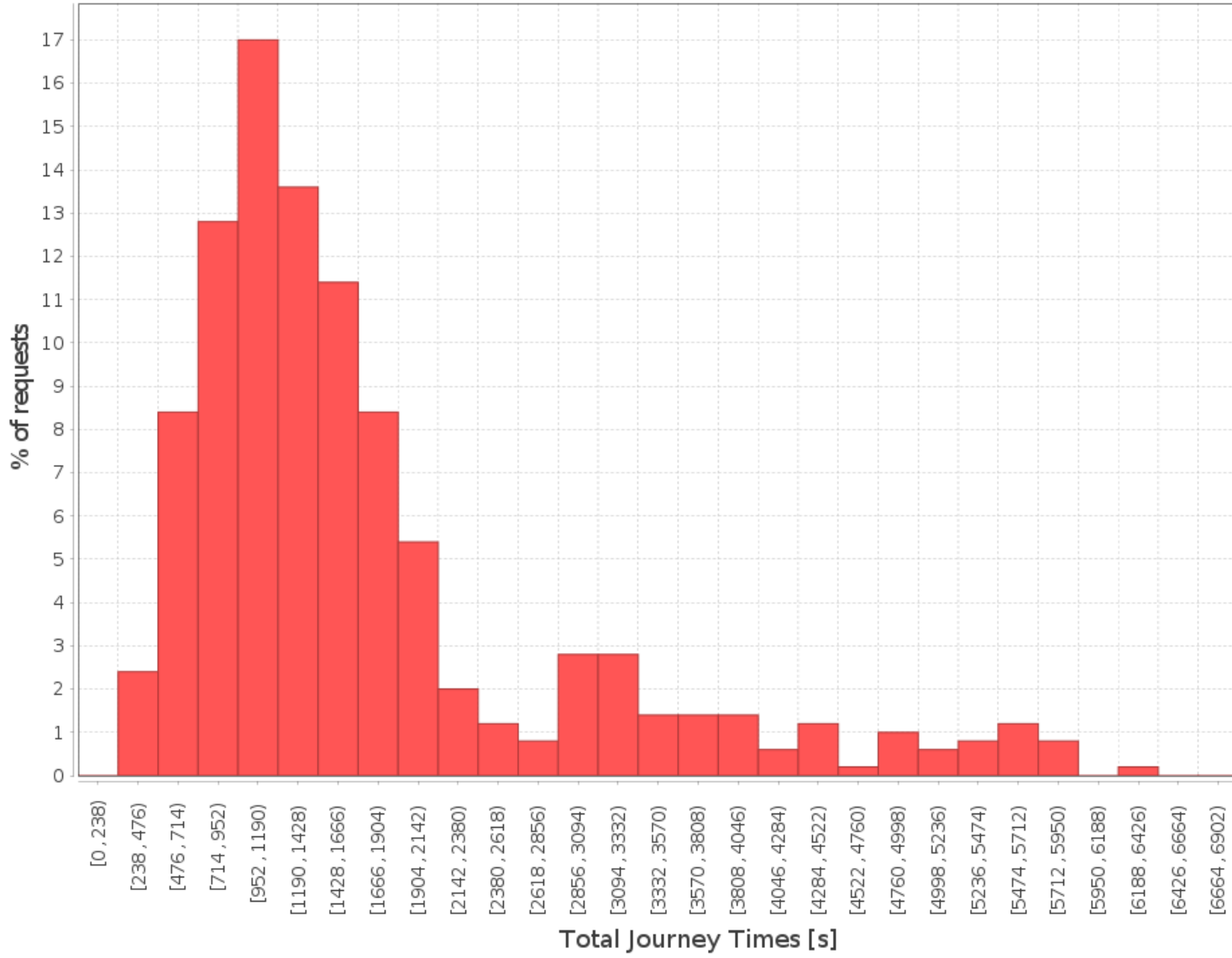
Fleet Efficiency

Distance Distribution over Day

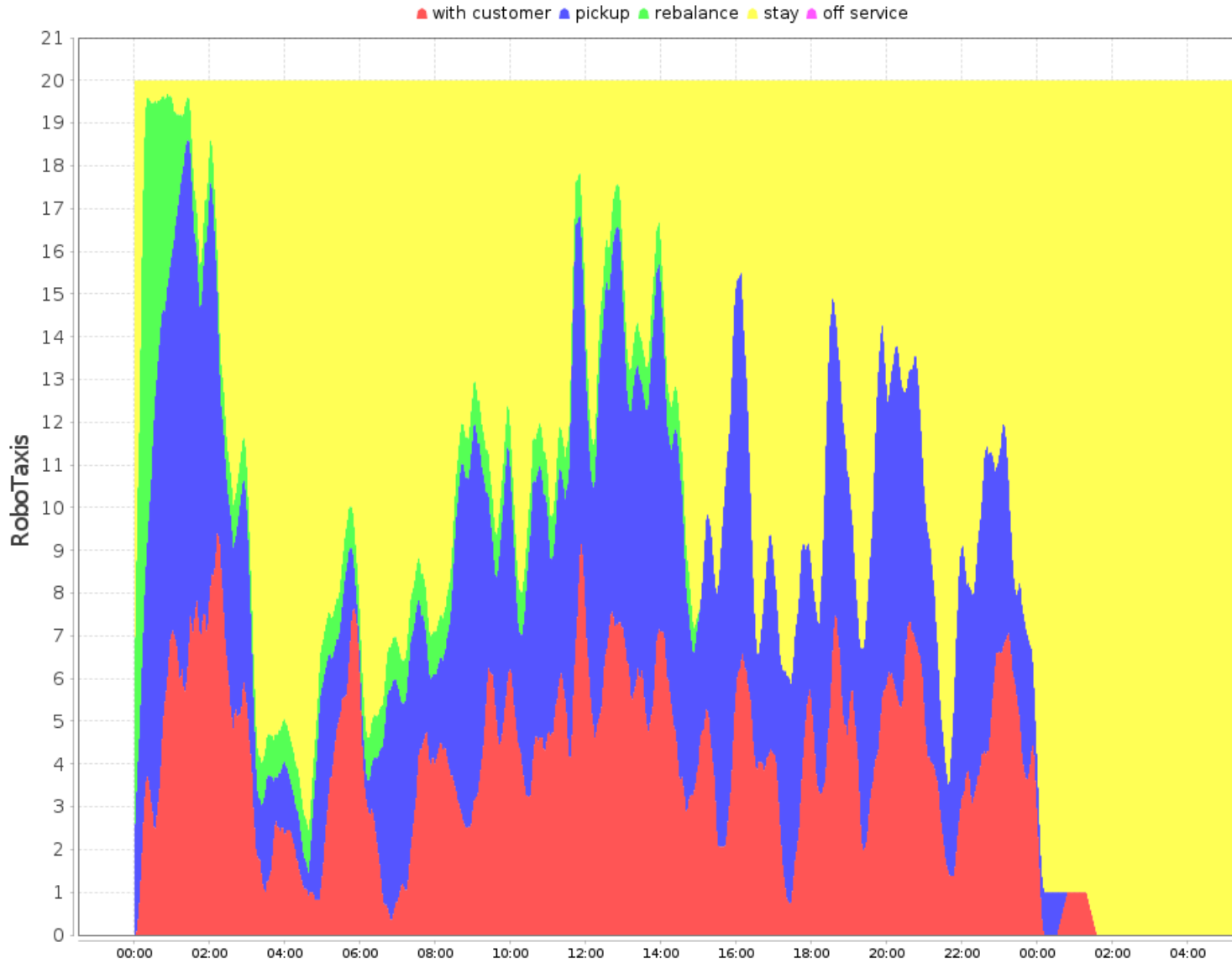▲ with customer ▲ pickup ▲ rebalance
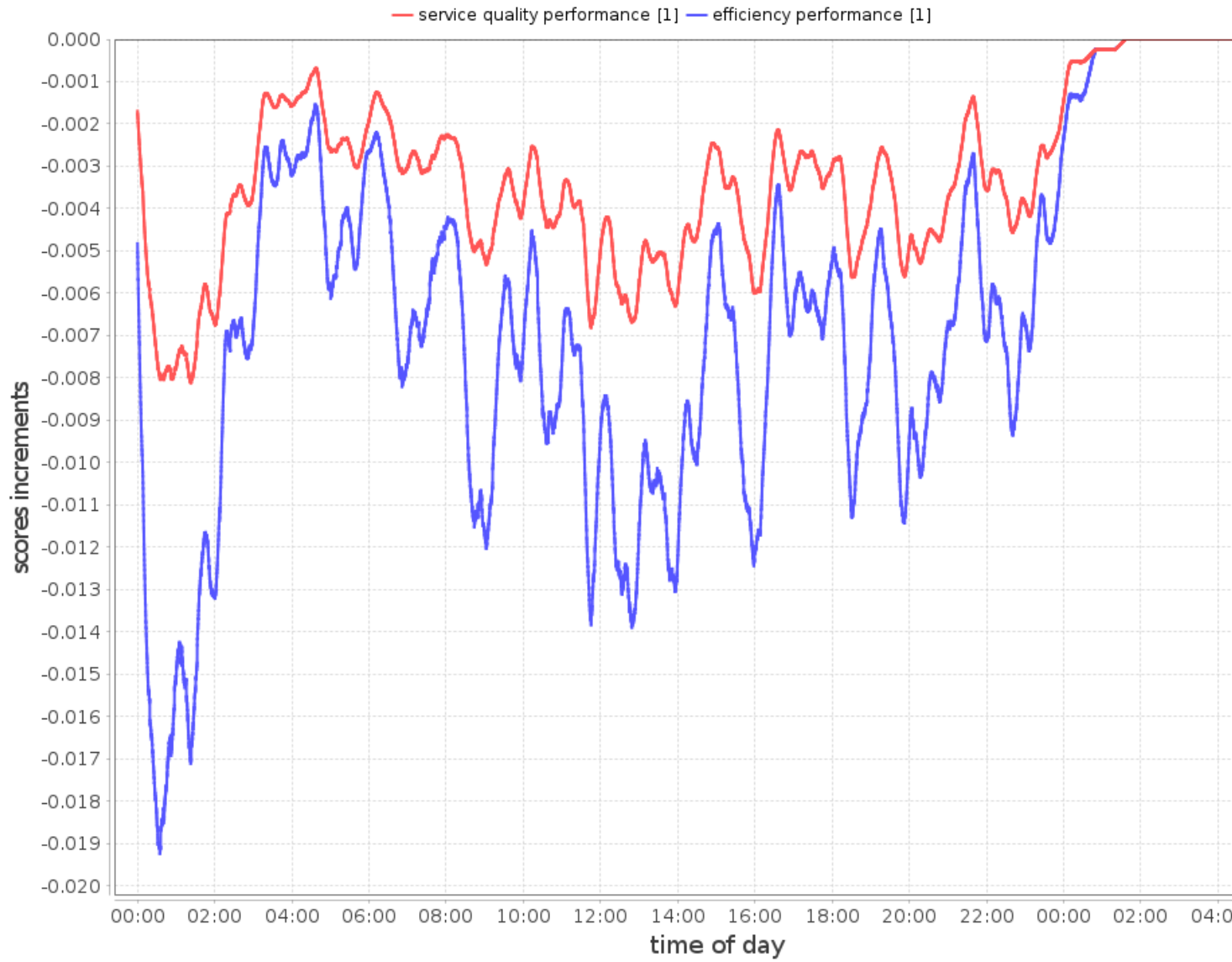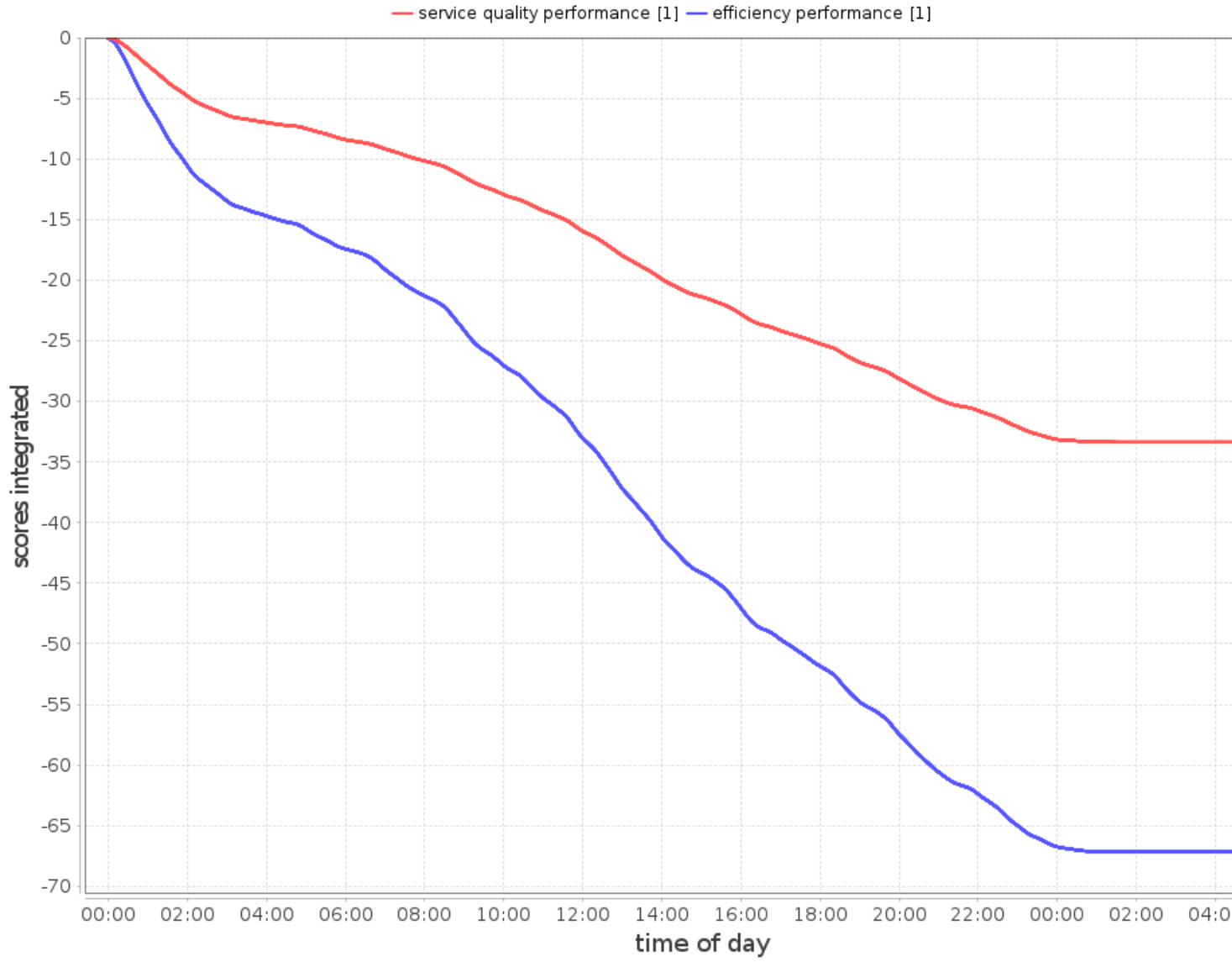
Occupancy and Distance Ratios
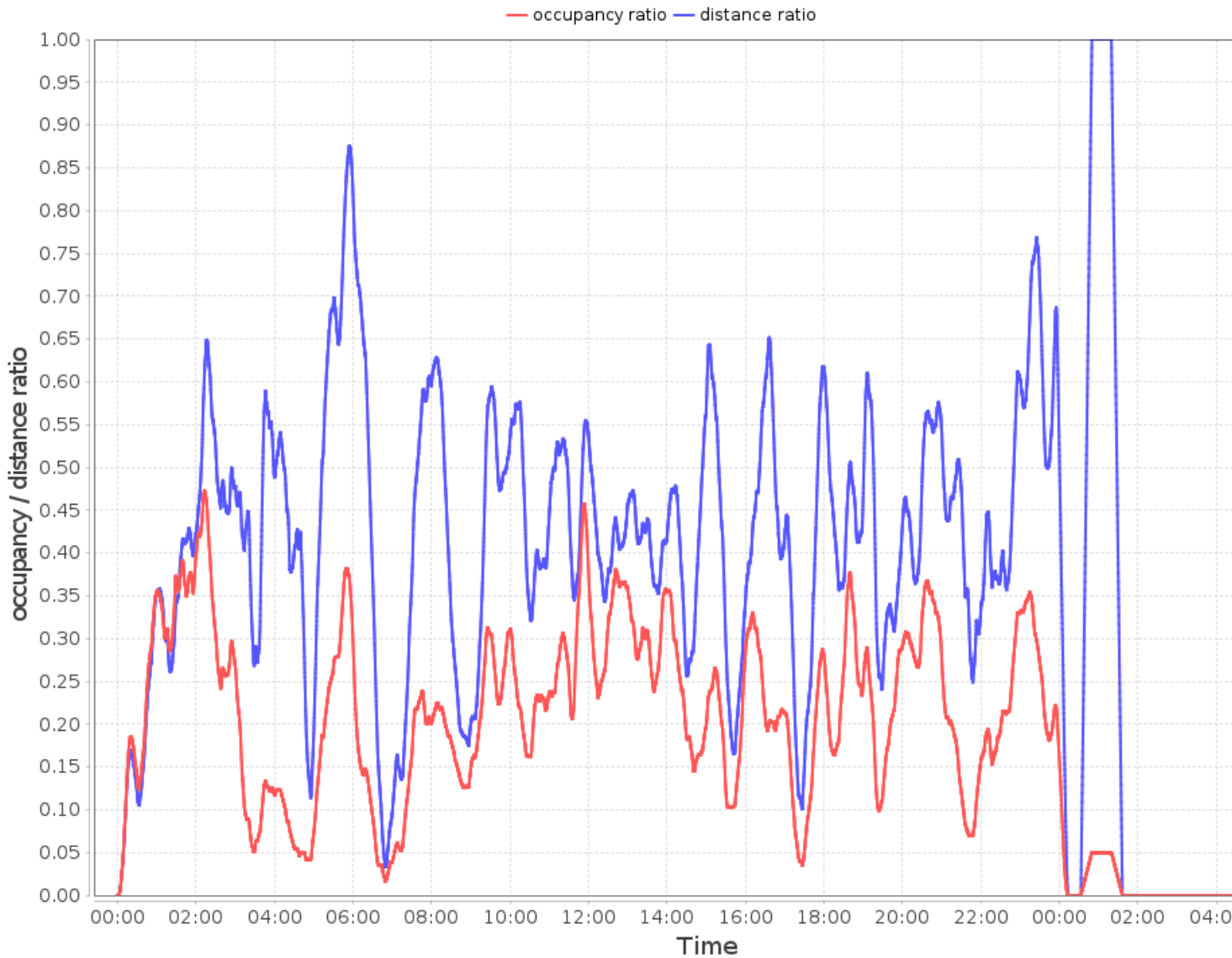
Status Distribution

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
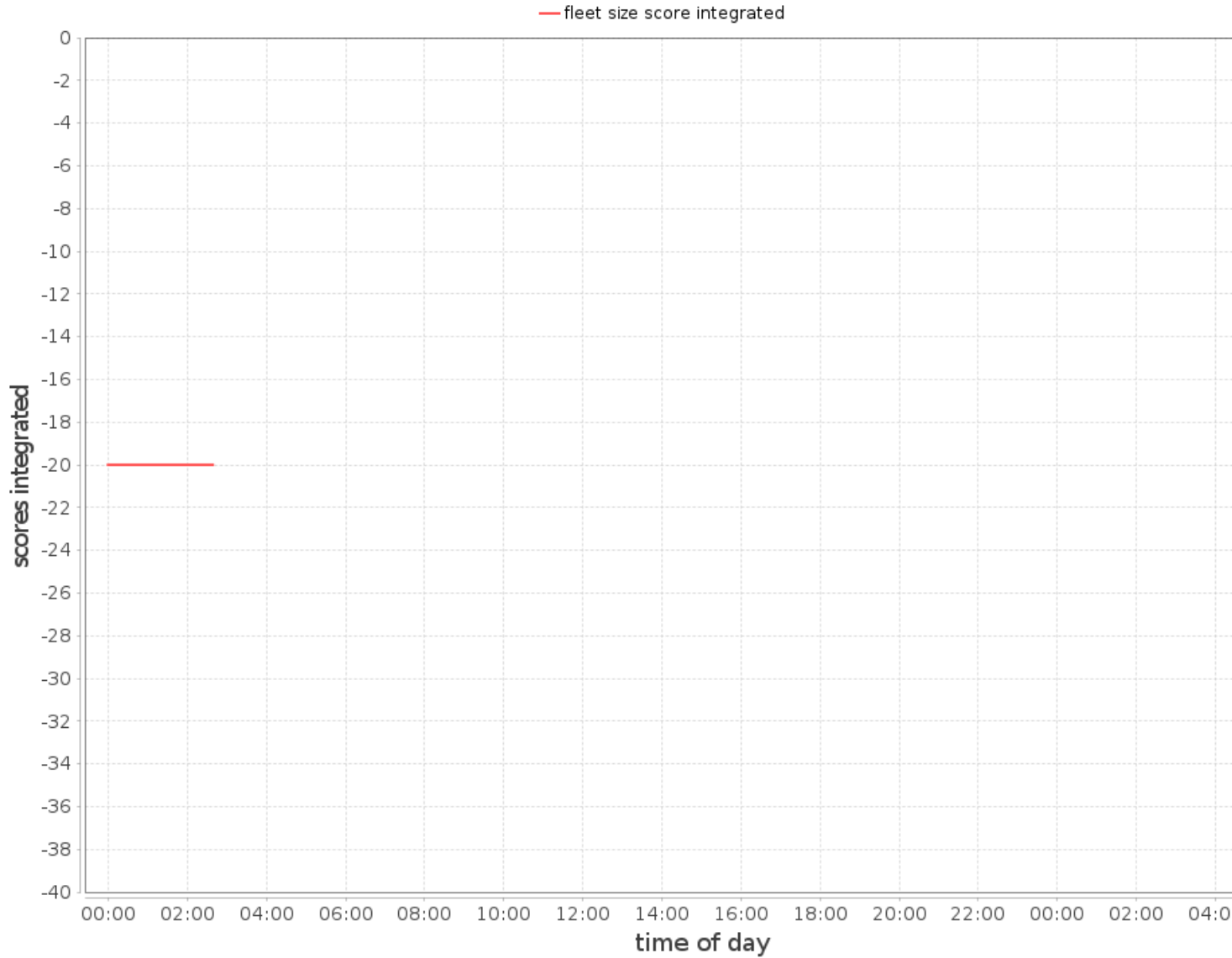
Final Scores

final service quality score:	-33.367126908689684
final efficiency score:	-67.15546763475888
final fleet size score:	-Infinity