AMoDeus Simulation Report

Simulation Information

User:	root
Timestamp:	2018/11/25 - 01:04:39
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:	62.48%
Occupancy Ratio:	17.86 %

Distances

Total:	13113.62 km
Rebalancing:	0.00 km (0.00%)
Pickup:	4919.64 km (37.52%)
With Customer:	8193.98 km (62.48%)

Average Trip Distance:	16.39 km

Total Distance Distribution
■ With Customer ■ Pickup ■ Rebalancing
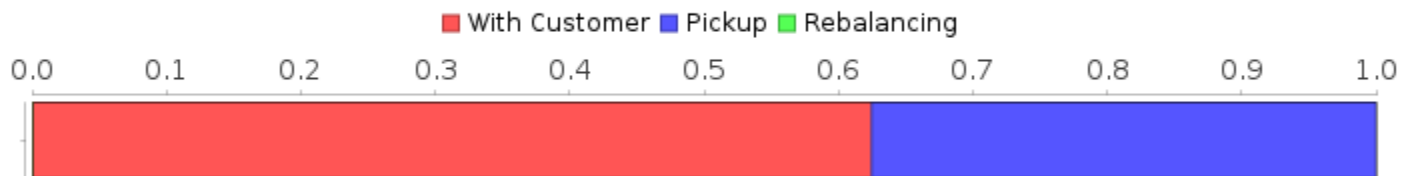
Wait Times

10.0% quantile	00:02:24
50.0% quantile	00:05:51
95.0% quantile	00:26:41
Mean	00:08:25
Maximum:	00:54:04

Number of Requests per Wait Time
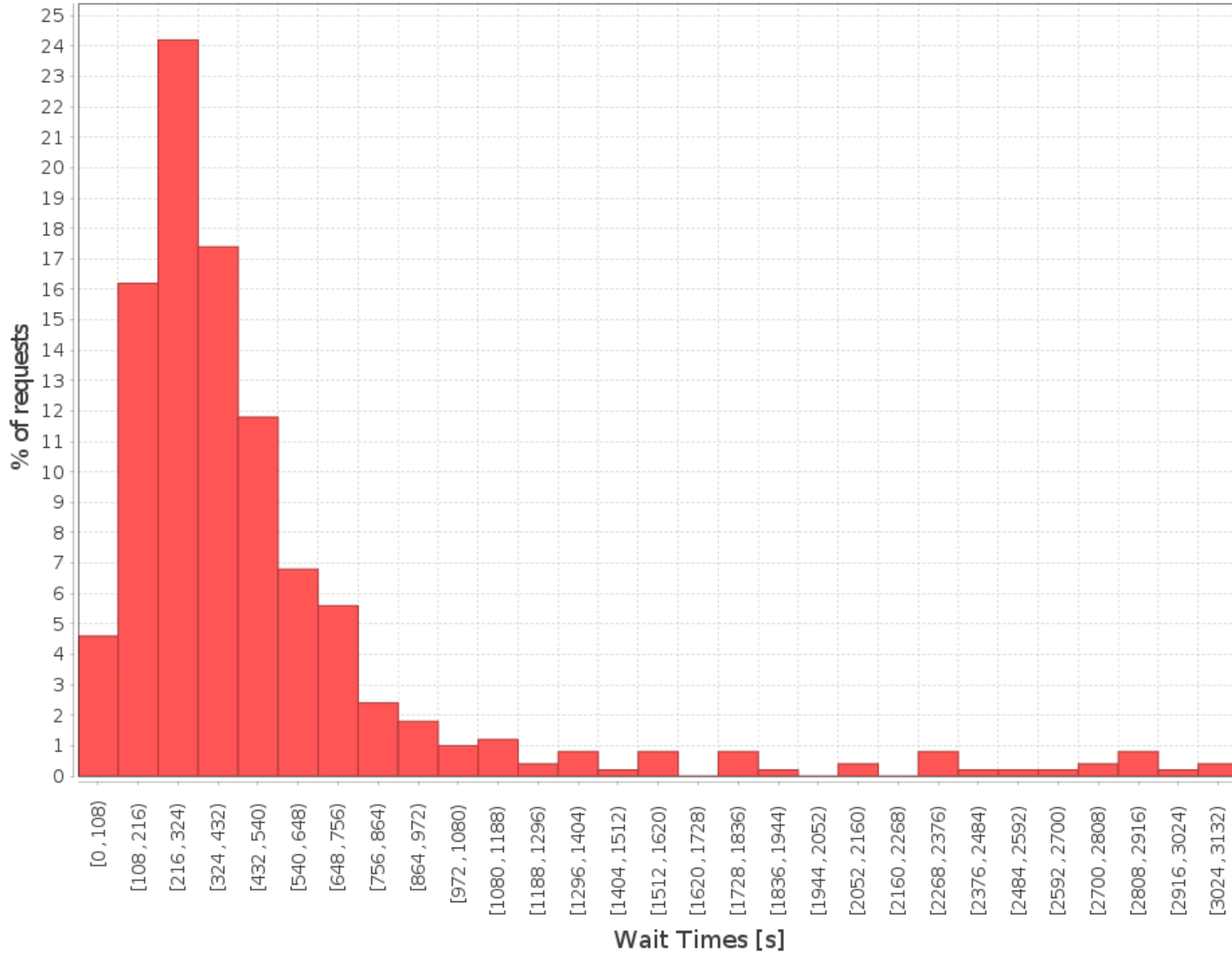
Binned Waiting Times

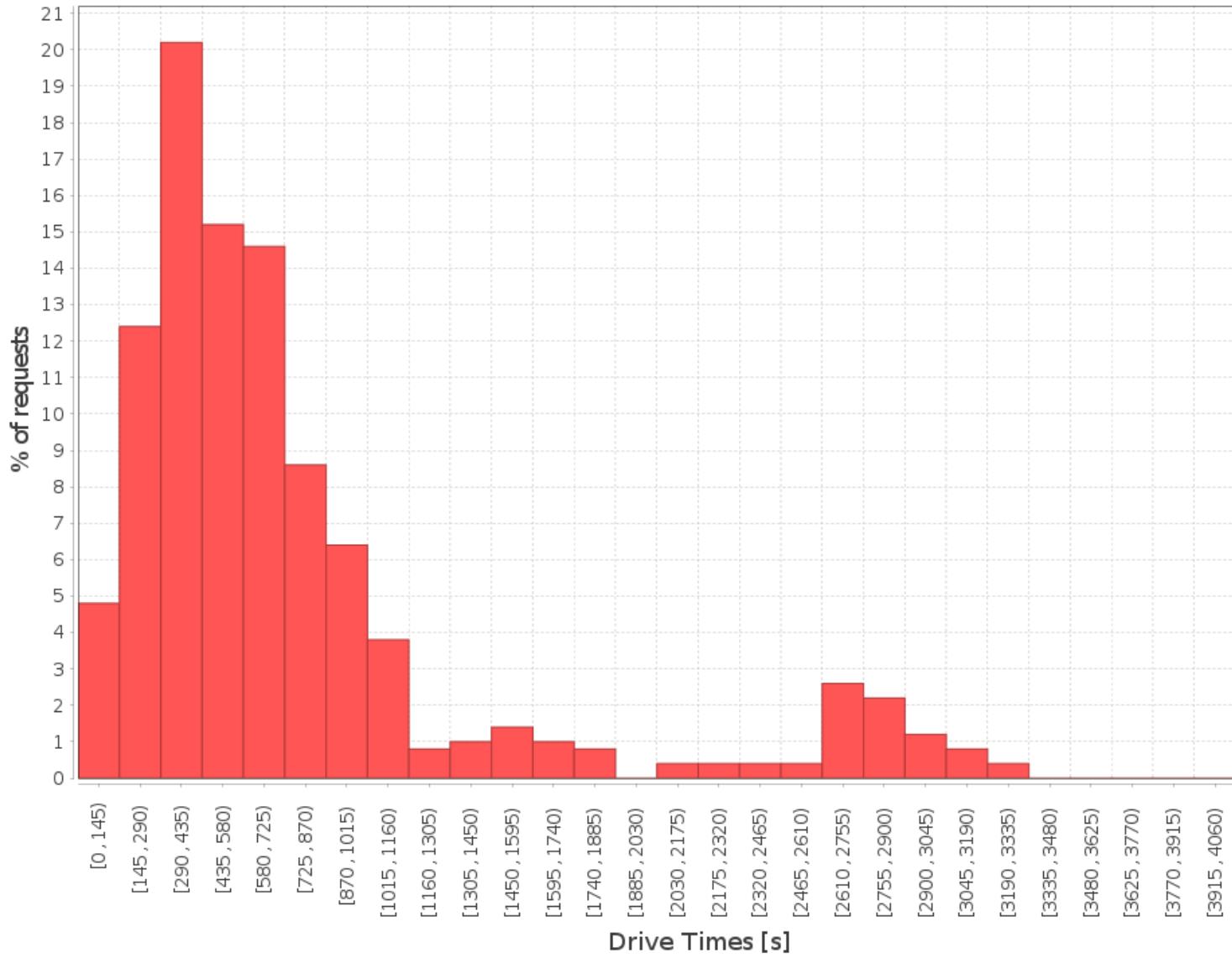— 10.0% quantile — 50.0% quantile — 95.0% quantile — Mean

Waiting Times [min]
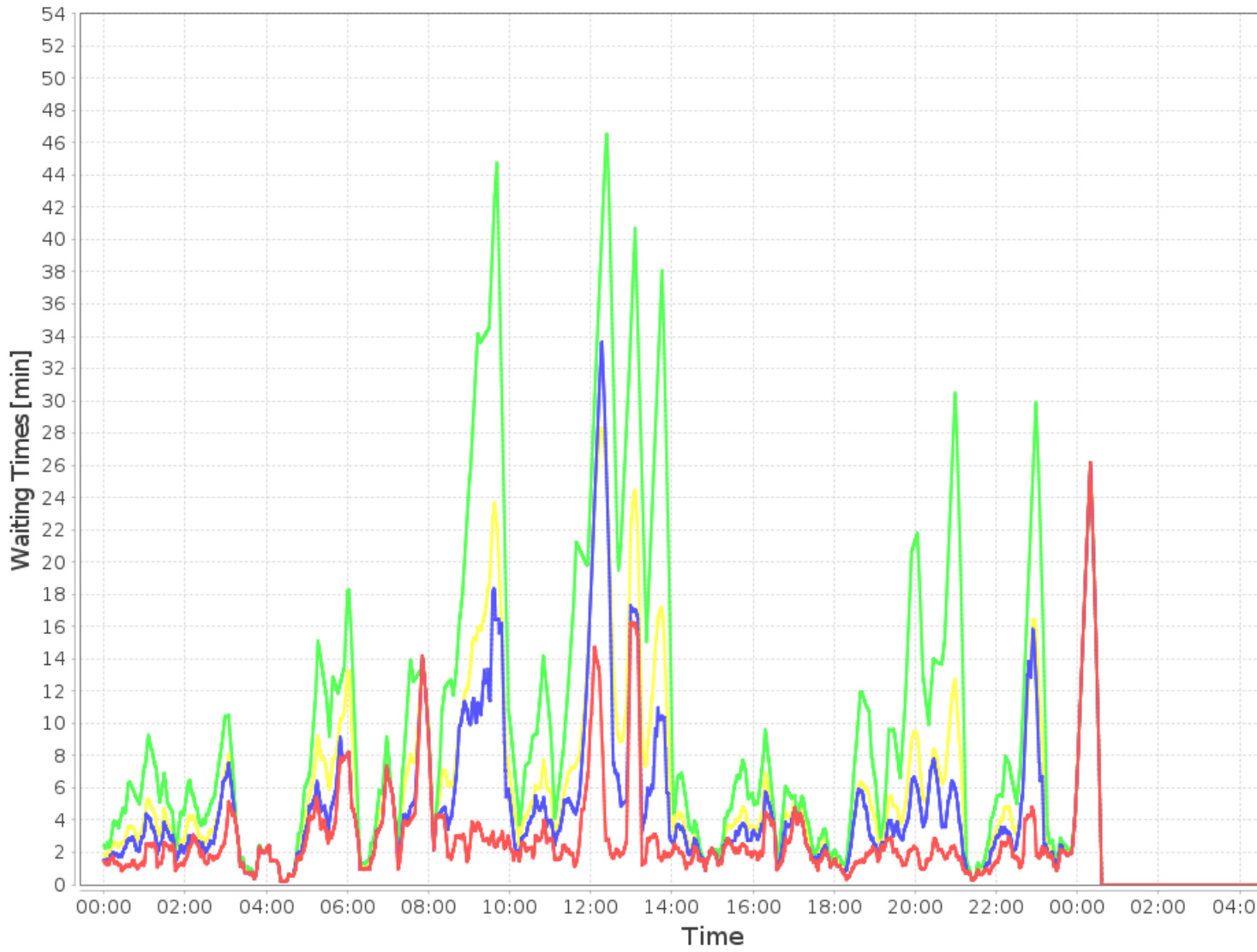
Time

Waiting Customers per Day Time

— # waiting customers
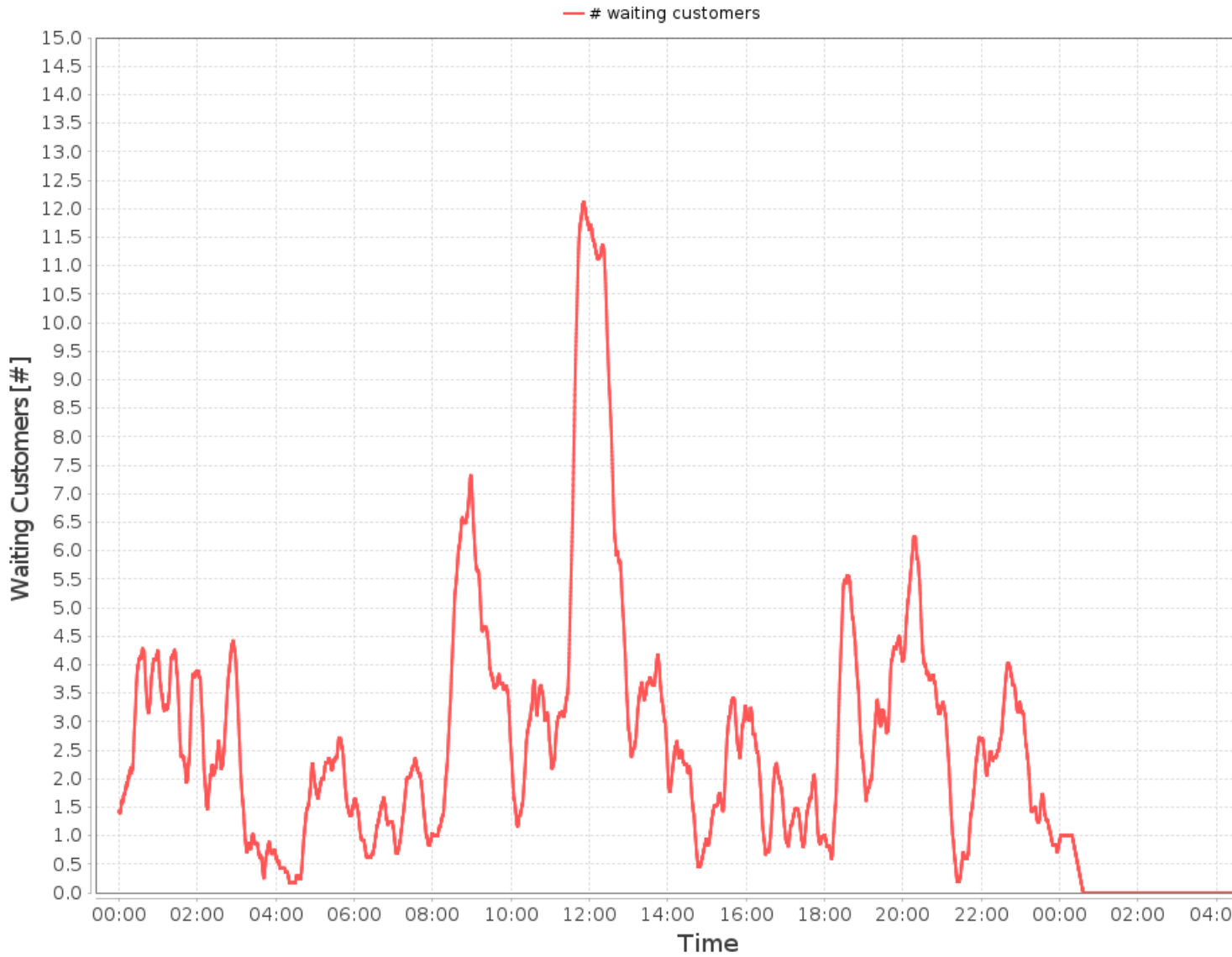
Drive Times

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	00:08:14
50.0% quantile	00:16:33
95.0% quantile	00:56:46
Mean	00:21:16
Maximum:	01:27:43

Number of Requests per Total Journey Time
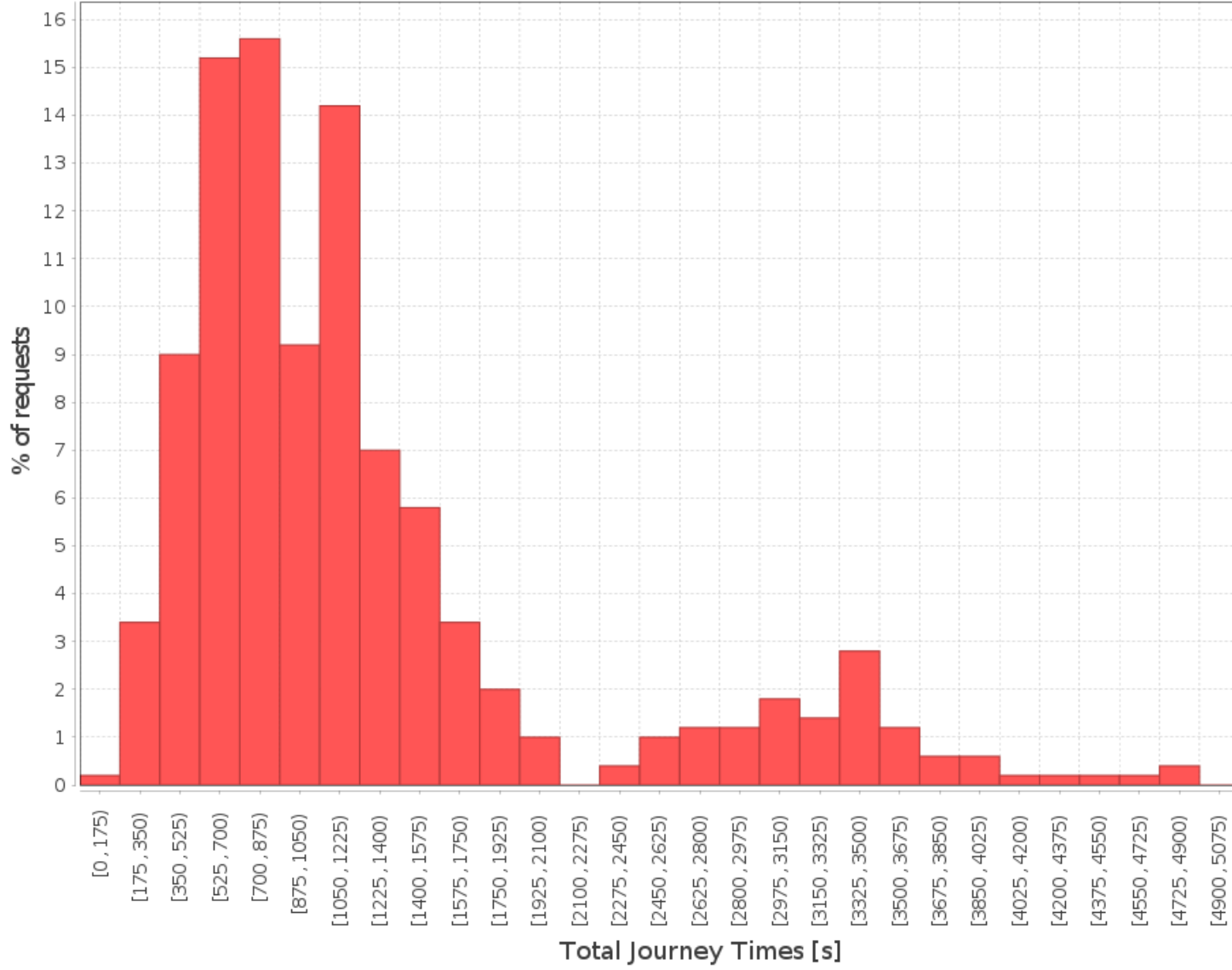
Fleet Efficiency

Distance Distribution over Day
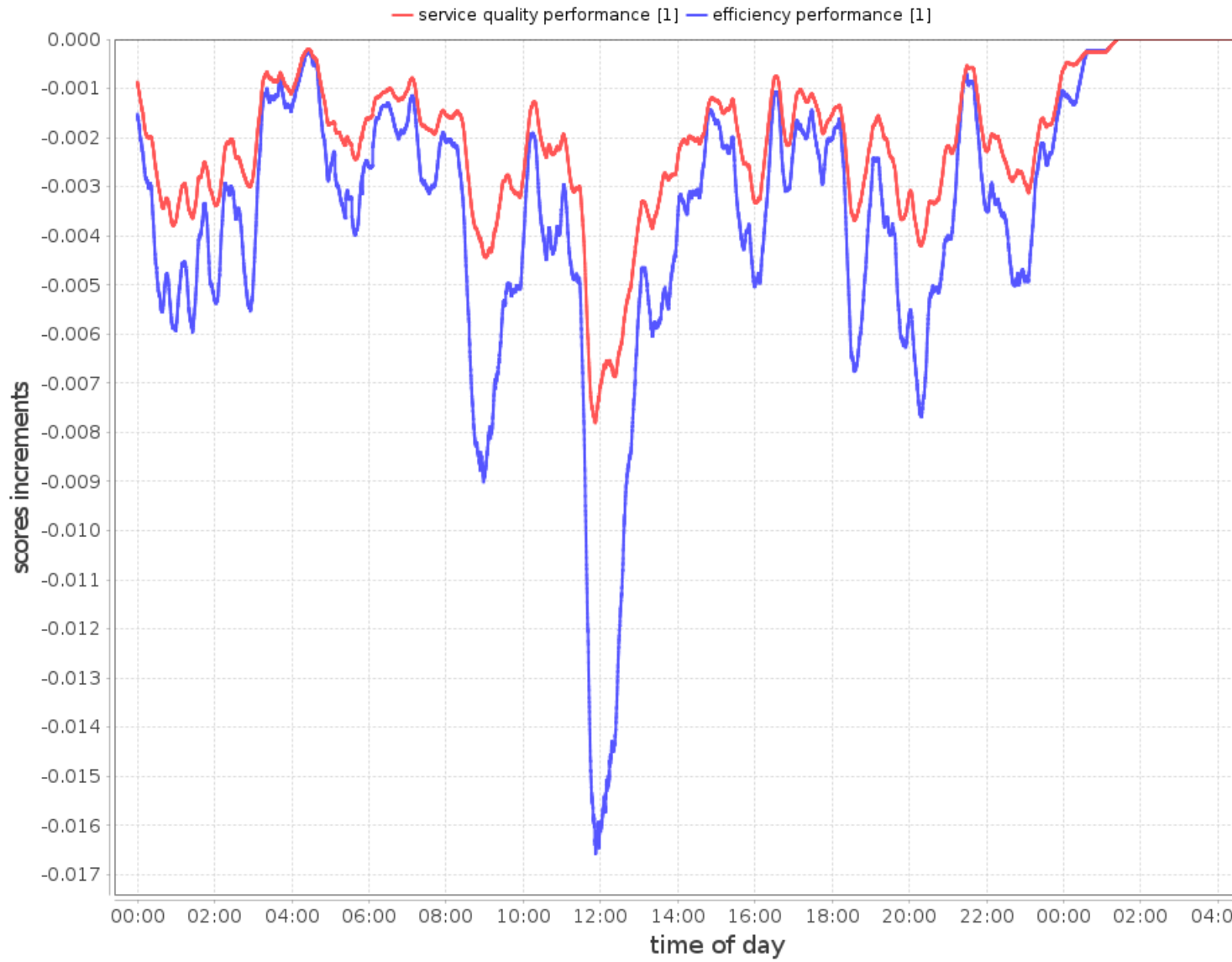
Occupancy and Distance Ratios
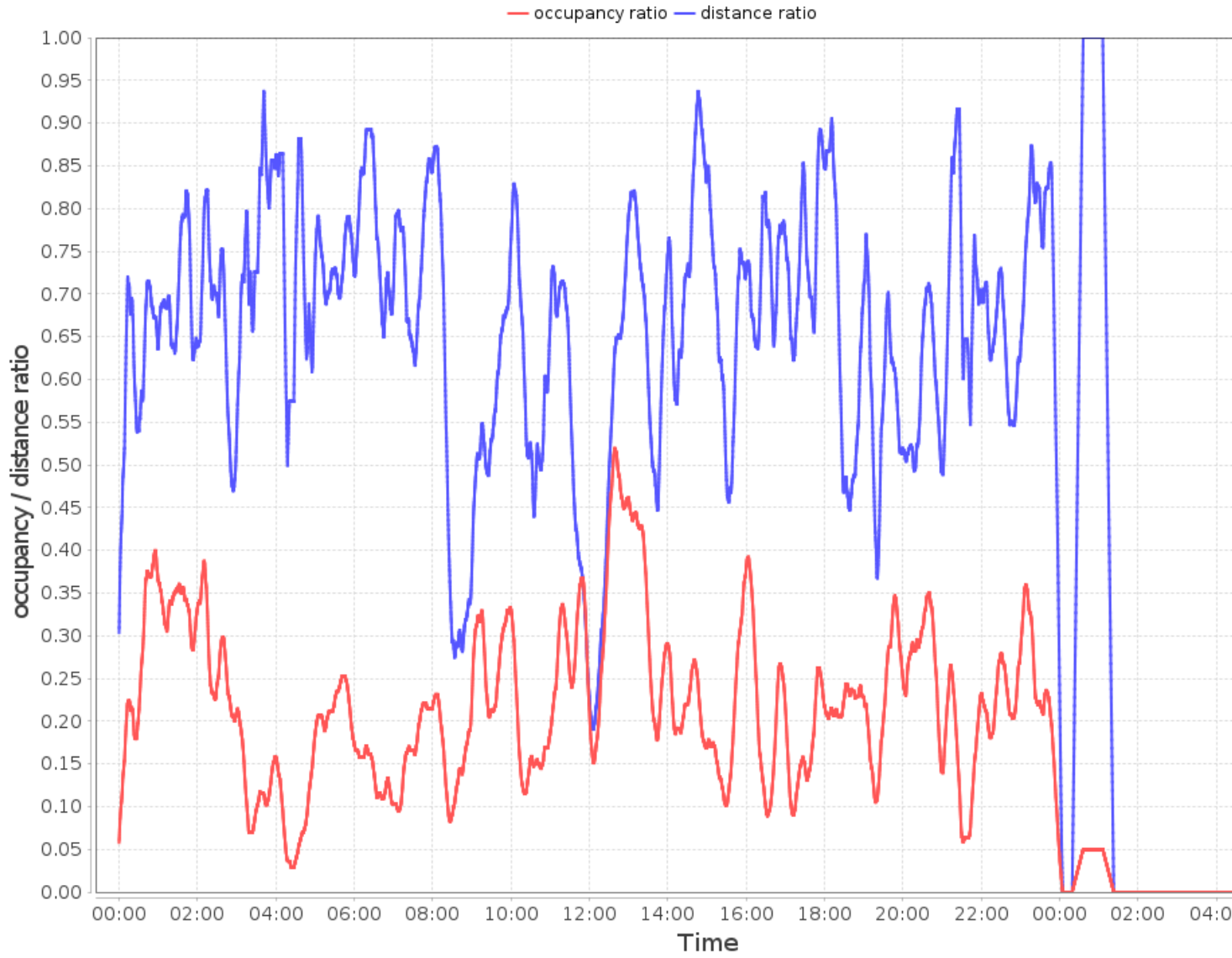
Status Distribution
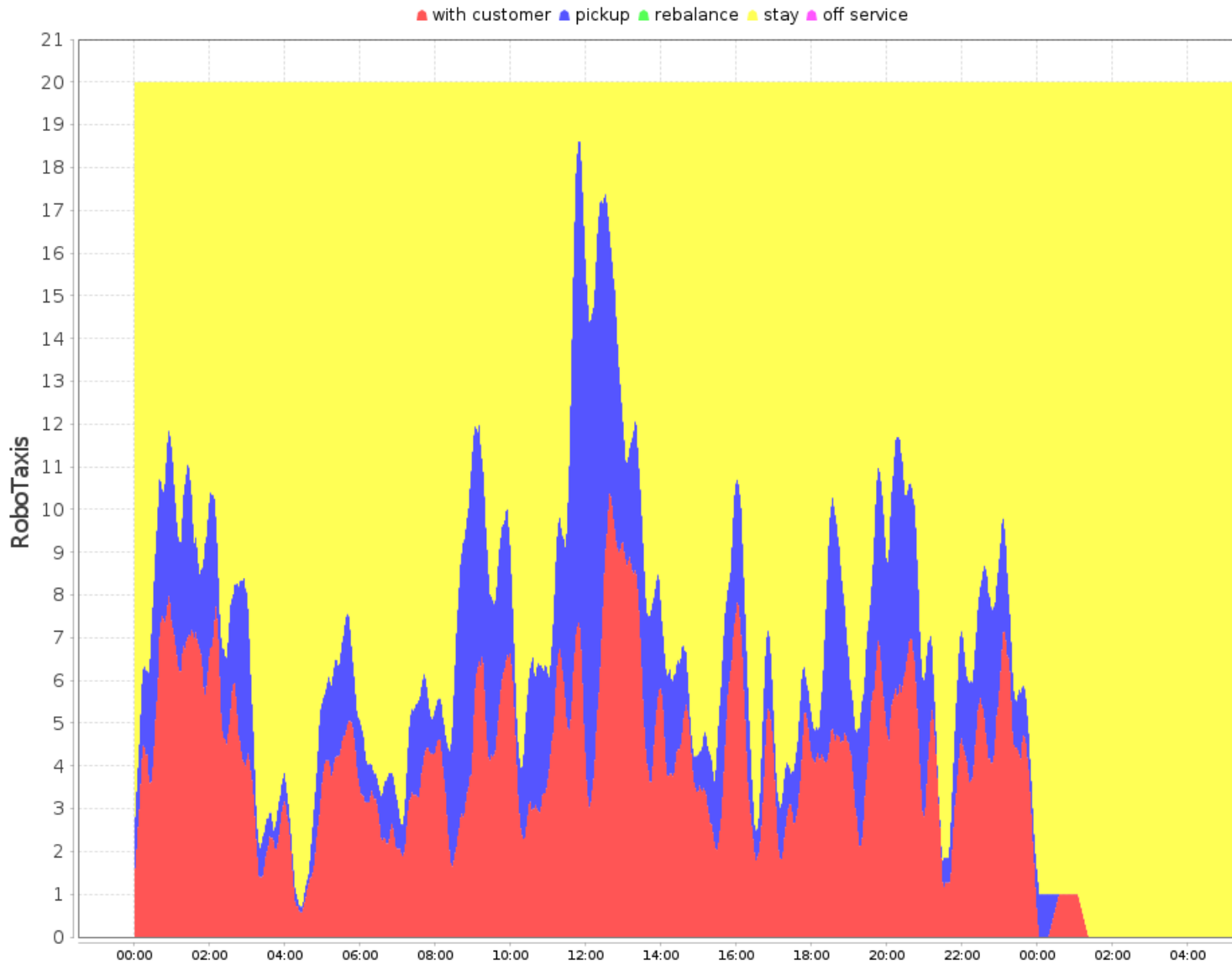
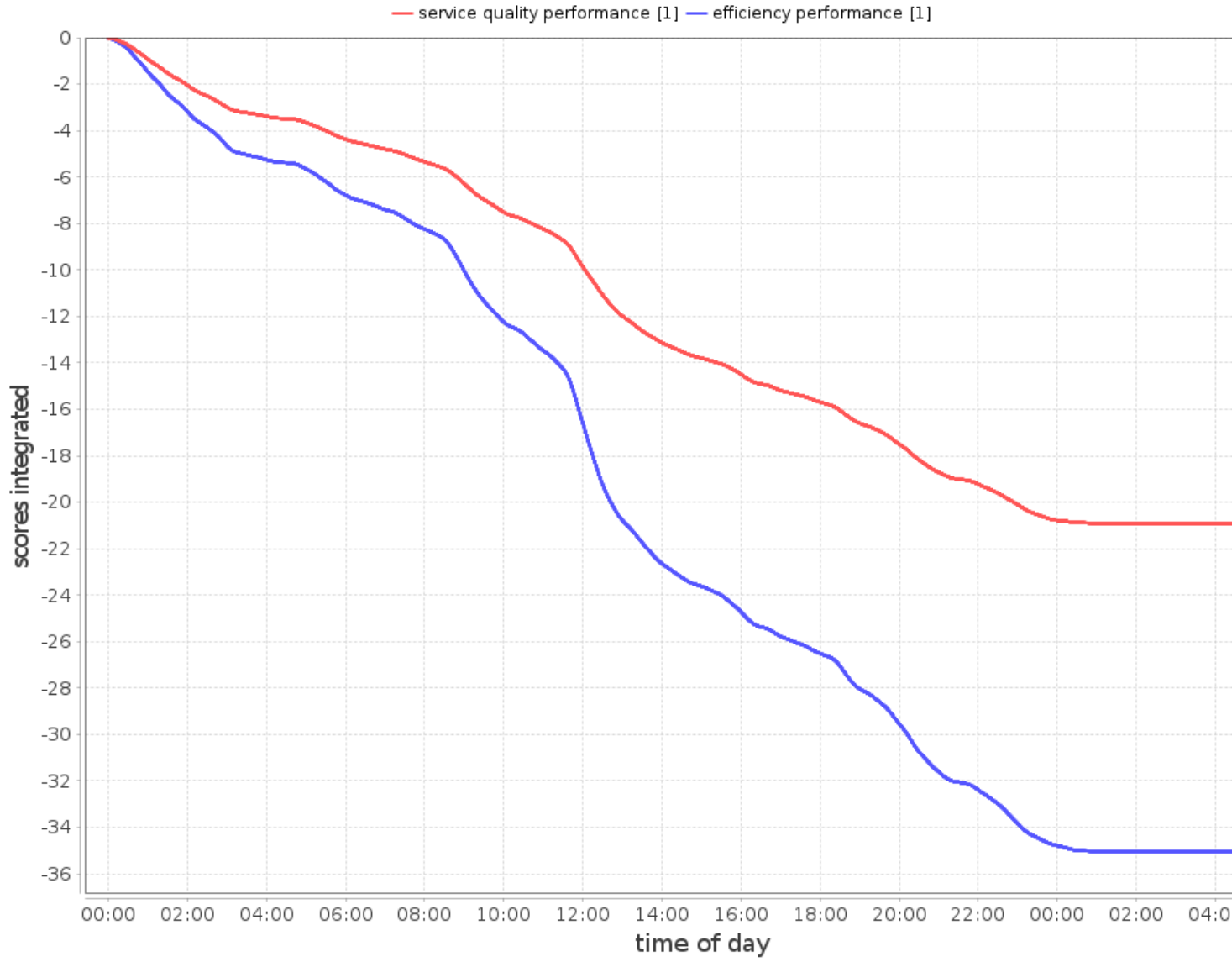# Aido Scores

Scores during Simulation

Service Quality and Efficiency Score Increments

Service Quality and Efficiency Score Integrated

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

scores integrated

time of day

Fleet Size Score Integrated
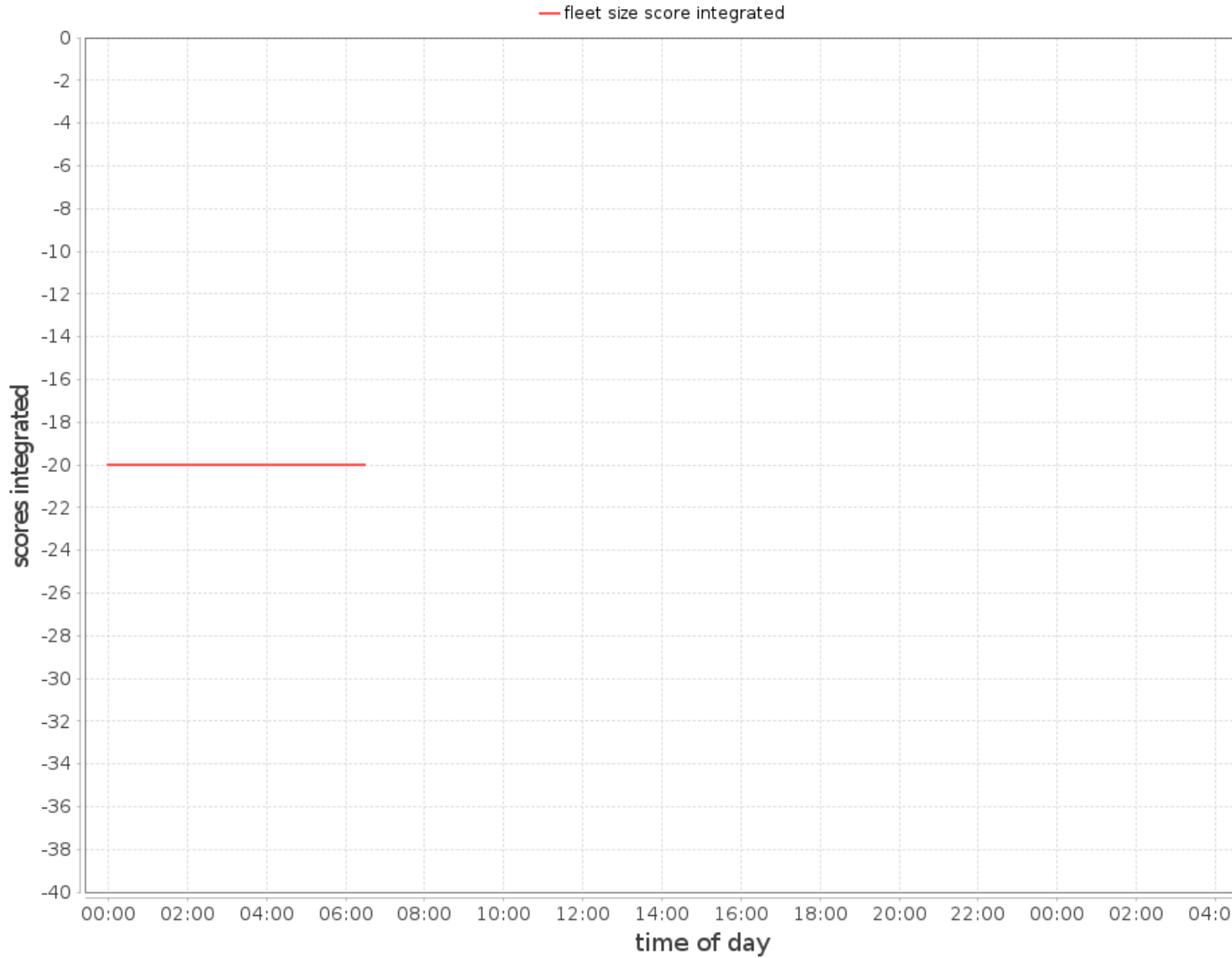
Final Scores

final service quality score:	-20.936885545904772
final efficiency score:	-35.055102183616974
final fleet size score:	-Infinity