

|   | Objective value |
|---|-----------------|
| Total battery cost                      | 10.287          |
| Total waiting time [min]                | 2891.0          |
| Total journey time [min]                | 17359.0         |
| Average waiting time [min]              | 5.0             |
| Max waiting time [min]                  | 54.0            |
| Min waiting time [min]                  | 0.0             |
| Stability waiting time (max-min) [min]  | 54.0            |
| Average journey time [min]              | 34.0            |
| Average occupancy                       | 2.344           |
| Average load factor                     | 0.236           |
| Max load factor                         | 0.266           |
| Min load factor                         | 0.19            |
| Stability load factor                   | 0.076           |
| Percentage of completed bookings        | 0.856           |
| Average battery level end of simulation | 0.51            |
| Minimum battery level end of simulation | 0.245           |
| Maximum battery level end of simulation | 0.839           |

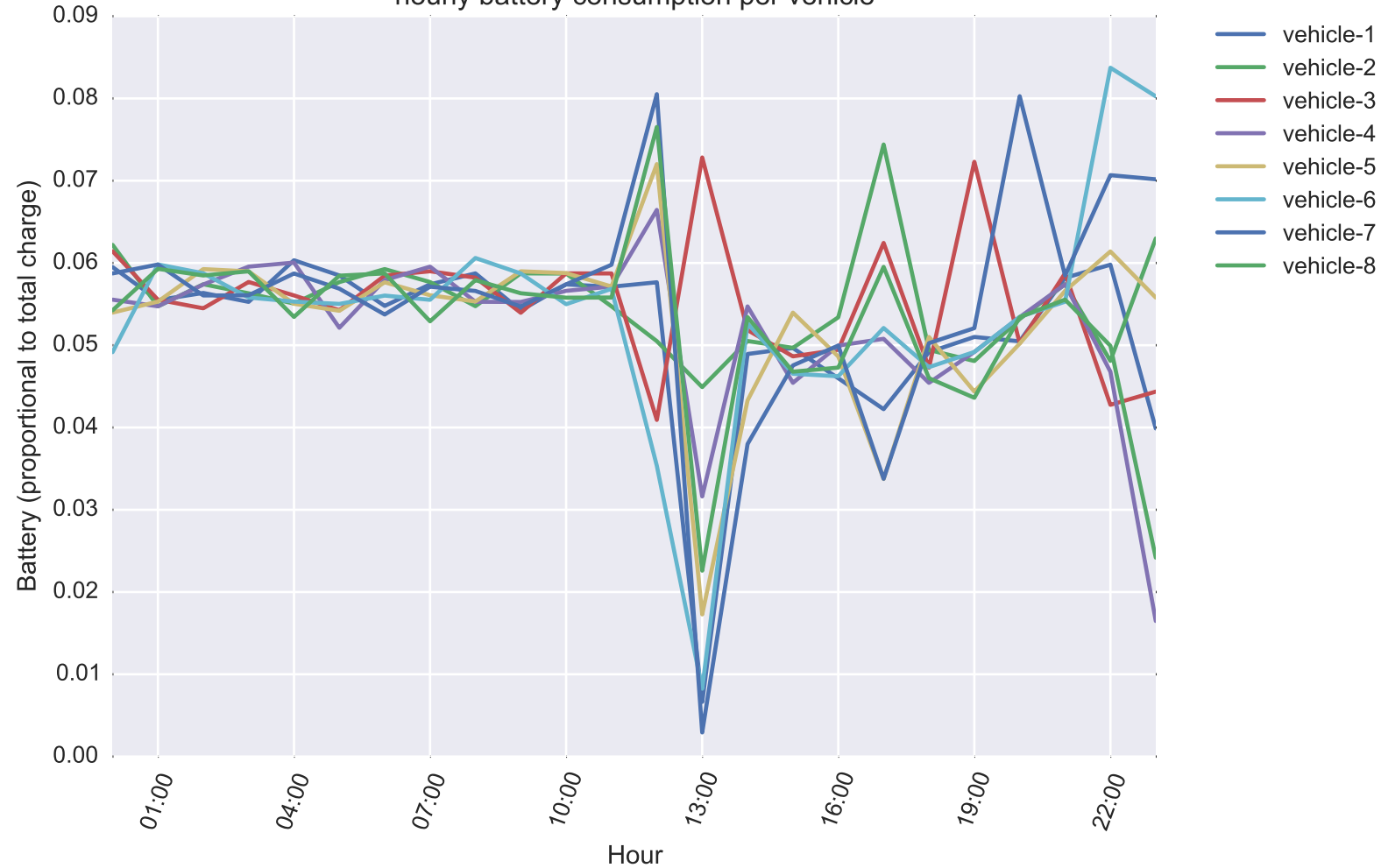
# Load Factor per vehicle (passenger battery/(vehicle battery\*max capacity))

| Vehicle ID | Load Factor |
|------------|-------------|
| vehicle-1  | 0.265       |
| vehicle-2  | 0.266       |
| vehicle-3  | 0.263       |
| vehicle-4  | 0.257       |
| vehicle-5  | 0.239       |
| vehicle-6  | 0.205       |
| vehicle-7  | 0.19        |
| vehicle-8  | 0.206       |
| Average    | 0.236       |

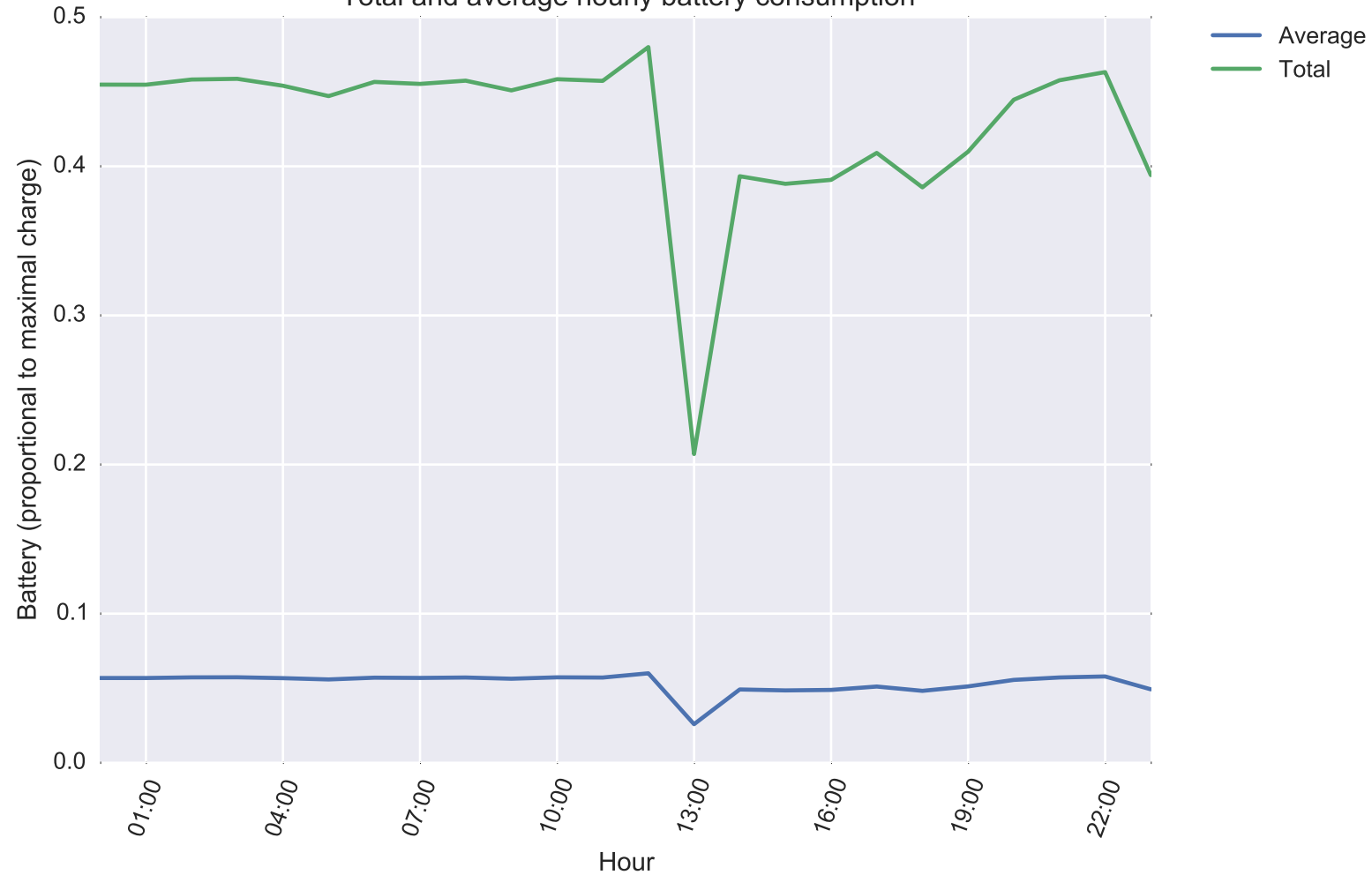
# Vehicle Battery Consumption

| Vehicle ID | Battery |
|------------|---------|
| vehicle-1  | 1.245   |
| vehicle-2  | 1.33    |
| vehicle-3  | 1.328   |
| vehicle-4  | 1.249   |
| vehicle-5  | 1.269   |
| vehicle-6  | 1.287   |
| vehicle-7  | 1.32    |
| vehicle-8  | 1.259   |
| Total      | 10.287  |

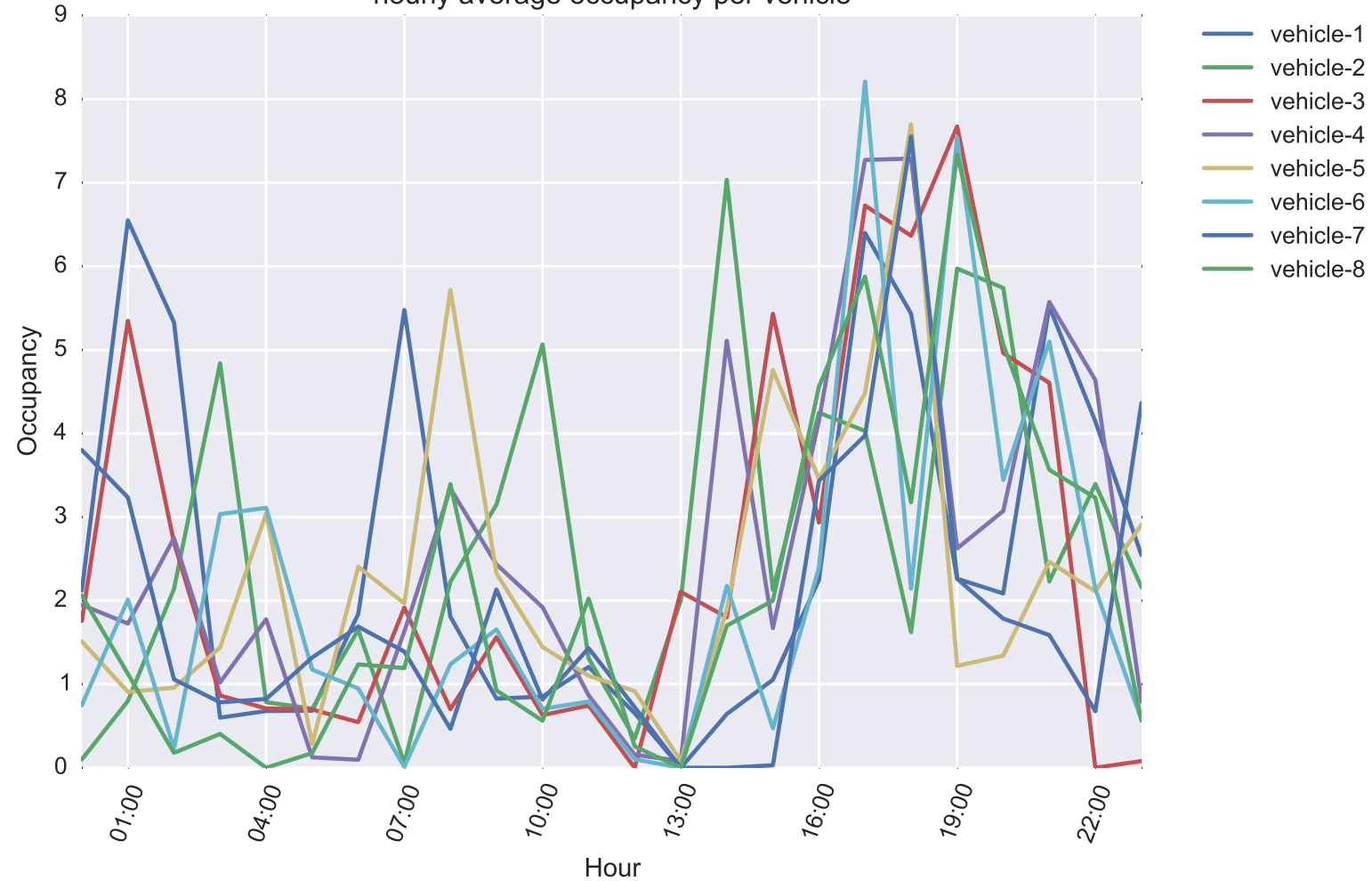
hourly battery consumption per vehicle



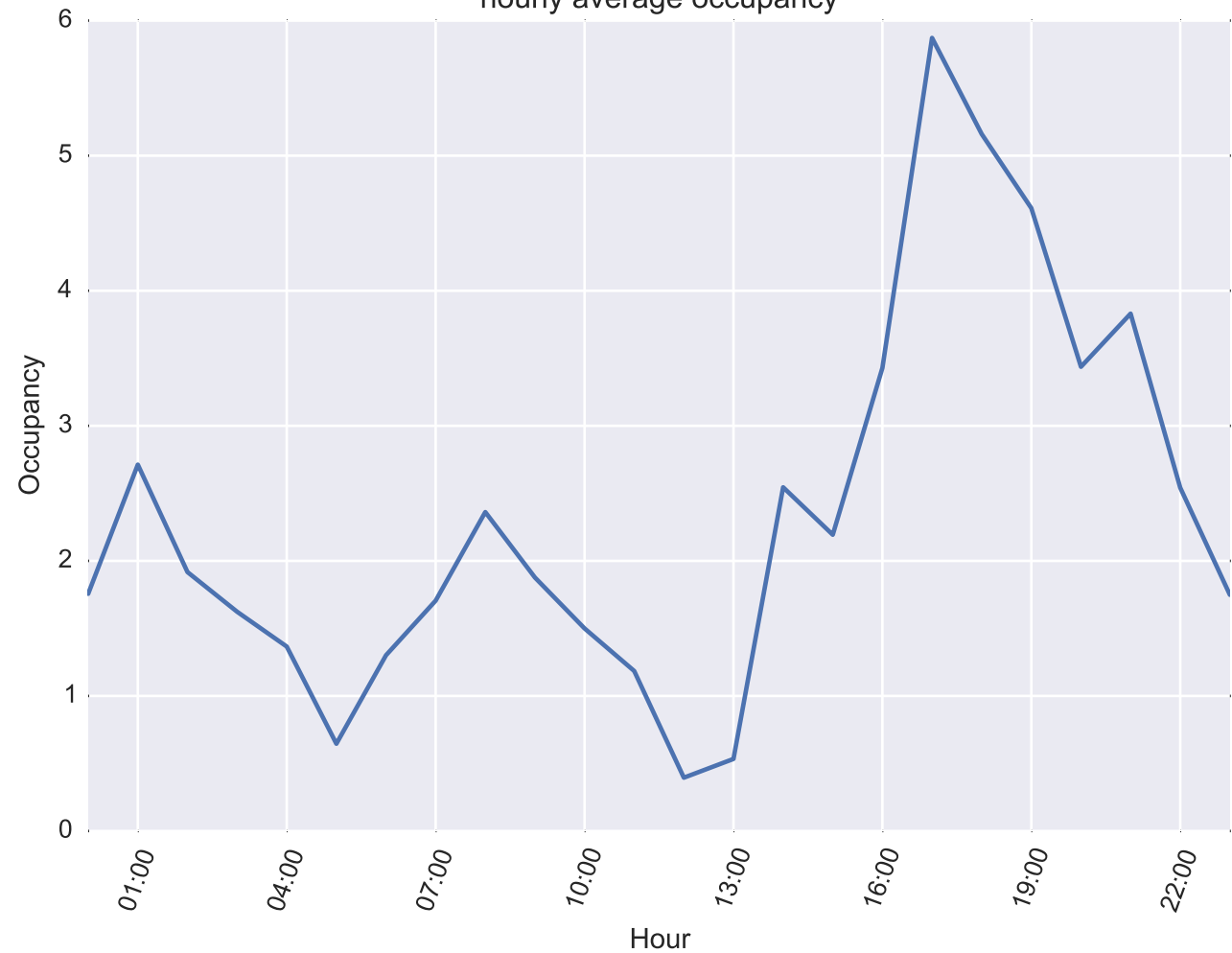
Total and average hourly battery consumption



hourly average occupancy per vehicle



hourly average occupancy



Number of charging vehicles on the line and hourlyaverage waiting time

