1000 request 5 vehicles

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:00:53 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 169 88.0

number travelers 169 NaN

modal split 0.169339 NaN

modal split rq 0.169339 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 169 NaN

online pax 169 NaN

served online users [%] 16.9339 NaN

served online pax [%] 16.9339 NaN

% created offers 16.9339 NaN

utility NaN NaN

travel time 214.165 NaN

travel distance NaN NaN

waiting time 248.079 NaN

waiting time from ept 248.079 NaN

waiting time (median) 268.244 NaN

waiting time (90% quantile) 295.059 NaN

detour time 36.4113 NaN

rel detour 20.9933 NaN

% fleet utilization 100 NaN

rides per veh rev hours 16.9 NaN

rides per veh rev hours rq 16.9 NaN

total vkm 386.558 NaN

occupancy 1.0167 NaN

occupancy rq 1.0167 NaN

% empty vkm 22.1767 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 370.575 NaN

saved distance [%] -4.31299 NaN

trip distance per fleet distance 0.958653 NaN

trip distance per fleet distance (no reloc) 0.958653 NaN

avg driving velocity [km/h] 50.4983 NaN

avg trip velocity [km/h] 0.036859 NaN

vehicle revenue hours [Fzg h] 10 NaN

total toll 0 NaN

mod revenue 38192 NaN

mod fix costs 12500 NaN

mod var costs 9664 NaN

total CO2 emissions [t] 0.000216473 NaN

total external emission costs 3 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2325.53 NaN

shared rides [%] 74.5562 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

1000 request 10 vehicles

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:01:35 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 345 88.0

number travelers 345 NaN

modal split 0.345691 NaN

modal split rq 0.345691 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 345 NaN

online pax 345 NaN

served online users [%] 34.5691 NaN

served online pax [%] 34.5691 NaN

% created offers 34.5691 NaN

utility NaN NaN

travel time 205.806 NaN

travel distance NaN NaN

waiting time 244.974 NaN

waiting time from ept 244.974 NaN

waiting time (median) 263.802 NaN

waiting time (90% quantile) 294.3 NaN

detour time 35.0947 NaN

rel detour 20.9583 NaN

% fleet utilization 99.5 NaN

rides per veh rev hours 17.3367 NaN

rides per veh rev hours rq 17.3367 NaN

total vkm 786.679 NaN

occupancy 0.992089 NaN

occupancy rq 0.992089 NaN

% empty vkm 22.7916 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 719.785 NaN

saved distance [%] -9.29368 NaN

trip distance per fleet distance 0.914966 NaN

trip distance per fleet distance (no reloc) 0.914966 NaN

avg driving velocity [km/h] 51.4535 NaN

avg trip velocity [km/h] 0.0364945 NaN

vehicle revenue hours [Fzg h] 19.9 NaN

total toll 0 NaN

mod revenue 74286 NaN

mod fix costs 25000 NaN

mod var costs 19667 NaN

total CO2 emissions [t] 0.00044054 NaN

total external emission costs 6 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2262.19 NaN

shared rides [%] 67.5362 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

1000 request 20 vehicles

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:02:53 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 693 88.0

number travelers 693 NaN

modal split 0.694389 NaN

modal split rq 0.694389 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 693 NaN

online pax 693 NaN

served online users [%] 69.4389 NaN

served online pax [%] 69.4389 NaN

% created offers 69.4389 NaN

utility NaN NaN

travel time 199.646 NaN

travel distance NaN NaN

waiting time 236.015 NaN

waiting time from ept 236.015 NaN

waiting time (median) 256.349 NaN

waiting time (90% quantile) 293.091 NaN

detour time 33.1752 NaN

rel detour 20.8293 NaN

% fleet utilization 98.1404 NaN

rides per veh rev hours 17.6533 NaN

rides per veh rev hours rq 17.6533 NaN

total vkm 1517.03 NaN

occupancy 0.99063 NaN

occupancy rq 0.99063 NaN

% empty vkm 23.4812 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 1414.51 NaN

saved distance [%] -7.24754 NaN

trip distance per fleet distance 0.932422 NaN

trip distance per fleet distance (no reloc) 0.932422 NaN

avg driving velocity [km/h] 50.9271 NaN

avg trip velocity [km/h] 0.0368056 NaN

vehicle revenue hours [Fzg h] 39.2562 NaN

total toll 0 NaN

mod revenue 146017 NaN

mod fix costs 50000 NaN

mod var costs 37926 NaN

total CO2 emissions [t] 0.000849536 NaN

total external emission costs 12 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2168.56 NaN

shared rides [%] 69.1198 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

1000 request 30 vehicles

simulation : 0:03:40 h

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 961 88.0

number travelers 961 NaN

modal split 0.962926 NaN

modal split rq 0.962926 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 961 NaN

online pax 961 NaN

served online users [%] 96.2926 NaN

served online pax [%] 96.2926 NaN

% created offers 96.2926 NaN

utility NaN NaN

travel time 199.408 NaN

travel distance NaN NaN

waiting time 202.025 NaN

waiting time from ept 202.025 NaN

waiting time (median) 227.626 NaN

waiting time (90% quantile) 288.577 NaN

detour time 32.0571 NaN

rel detour 19.7219 NaN

% fleet utilization 90.8969 NaN

rides per veh rev hours 17.6207 NaN

rides per veh rev hours rq 17.6207 NaN

total vkm 2080.35 NaN

occupancy 0.999846 NaN

occupancy rq 0.999846 NaN

% empty vkm 22.6231 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 1971.64 NaN

saved distance [%] -5.51384 NaN

trip distance per fleet distance 0.947743 NaN

trip distance per fleet distance (no reloc) 0.947743 NaN

avg driving velocity [km/h] 50.5391 NaN

avg trip velocity [km/h] 0.0370395 NaN

vehicle revenue hours [Fzg h] 54.5381 NaN

total toll 0 NaN

mod revenue 203349 NaN

mod fix costs 75000 NaN

mod var costs 52008 NaN

total CO2 emissions [t] 0.001165 NaN

total external emission costs 17 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2164.45 NaN

shared rides [%] 66.3892 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

1000 request 40 vehicles

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:03:34 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 989 88.0

number travelers 989 NaN

modal split 0.990982 NaN

modal split rq 0.990982 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 989 NaN

online pax 989 NaN

served online users [%] 99.0982 NaN

served online pax [%] 99.0982 NaN

% created offers 99.0982 NaN

utility NaN NaN

travel time 197.524 NaN

travel distance NaN NaN

waiting time 178.004 NaN

waiting time from ept 178.004 NaN

waiting time (median) 194.592 NaN

waiting time (90% quantile) 287.247 NaN

detour time 31.0456 NaN

rel detour 19.133 NaN

% fleet utilization 69.4002 NaN

rides per veh rev hours 17.8134 NaN

rides per veh rev hours rq 17.8134 NaN

total vkm 2106.23 NaN

occupancy 1.01575 NaN

occupancy rq 1.01575 NaN

% empty vkm 20.0977 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 2015.89 NaN

saved distance [%] -4.48112 NaN

trip distance per fleet distance 0.957111 NaN

trip distance per fleet distance (no reloc) 0.957111 NaN

avg driving velocity [km/h] 50.9369 NaN

avg trip velocity [km/h] 0.0371497 NaN

vehicle revenue hours [Fzg h] 55.5201 NaN

total toll 0 NaN

mod revenue 208093 NaN

mod fix costs 100000 NaN

mod var costs 52655 NaN

total CO2 emissions [t] 0.00117949 NaN

total external emission costs 17 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2163.19 NaN

shared rides [%] 63.4985 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

1000 request 100 vehicles

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:03:33 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 990 88.0

number travelers 990 NaN

modal split 0.991984 NaN

modal split rq 0.991984 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 990 NaN

online pax 990 NaN

served online users [%] 99.1984 NaN

served online pax [%] 99.1984 NaN

% created offers 99.1984 NaN

utility NaN NaN

travel time 195.111 NaN

travel distance NaN NaN

waiting time 150.692 NaN

waiting time from ept 150.692 NaN

waiting time (median) 159.981 NaN

waiting time (90% quantile) 283.894 NaN

detour time 28.6952 NaN

rel detour 17.3276 NaN

% fleet utilization 27.7443 NaN

rides per veh rev hours 17.8415 NaN

rides per veh rev hours rq 17.8415 NaN

total vkm 2100.42 NaN

occupancy 1.00413 NaN

occupancy rq 1.00413 NaN

% empty vkm 19.46 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 2016.98 NaN

saved distance [%] -4.13674 NaN

trip distance per fleet distance 0.960276 NaN

trip distance per fleet distance (no reloc) 0.960276 NaN

avg driving velocity [km/h] 51.1763 NaN

avg trip velocity [km/h] 0.0375913 NaN

vehicle revenue hours [Fzg h] 55.4885 NaN

total toll 0 NaN

mod revenue 208201 NaN

mod fix costs 250000 NaN

mod var costs 52505 NaN

total CO2 emissions [t] 0.00117623 NaN

total external emission costs 17 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2130.39 NaN

shared rides [%] 59.0909 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

200 request: 5veh

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 138 88.0

number travelers 138 NaN

modal split 0.69 NaN

modal split rq 0.69 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 138 NaN

online pax 138 NaN

served online users [%] 69 NaN

served online pax [%] 69 NaN

% created offers 69 NaN

utility NaN NaN

travel time 187.982 NaN

travel distance NaN NaN

waiting time 197.678 NaN

waiting time from ept 197.678 NaN

waiting time (median) 209.907 NaN

waiting time (90% quantile) 284.712 NaN

detour time 22.2566 NaN

rel detour 14.2546 NaN

% fleet utilization 94.5875 NaN

rides per veh rev hours 14.5897 NaN

rides per veh rev hours rq 14.5897 NaN

total vkm 387.424 NaN

occupancy 0.738315 NaN

occupancy rq 0.738315 NaN

% empty vkm 35.2943 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 268.711 NaN

saved distance [%] -44.1784 NaN

trip distance per fleet distance 0.693585 NaN

trip distance per fleet distance (no reloc) 0.693585 NaN

avg driving velocity [km/h] 51.4527 NaN

avg trip velocity [km/h] 0.0372901 NaN

vehicle revenue hours [Fzg h] 9.45875 NaN

total toll 0 NaN

mod revenue 27656 NaN

mod fix costs 12500 NaN

mod var costs 9686 NaN

total CO2 emissions [t] 0.000216957 NaN

total external emission costs 3 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2072.76 NaN

shared rides [%] 44.9275 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

200 request: 10veh

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:00 h

simulation : 0:00:14 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 197 88.0

number travelers 197 NaN

modal split 0.985 NaN

modal split rq 0.985 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 197 NaN

online pax 197 NaN

served online users [%] 98.5 NaN

served online pax [%] 98.5 NaN

% created offers 98.5 NaN

utility NaN NaN

travel time 179.502 NaN

travel distance NaN NaN

waiting time 154.359 NaN

waiting time from ept 154.359 NaN

waiting time (median) 153.037 NaN

waiting time (90% quantile) 282.052 NaN

detour time 15.5761 NaN

rel detour 9.91938 NaN

% fleet utilization 66.1837 NaN

rides per veh rev hours 14.8828 NaN

rides per veh rev hours rq 14.8828 NaN

total vkm 514.494 NaN

occupancy 0.779854 NaN

occupancy rq 0.779854 NaN

% empty vkm 30.701 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 391.44 NaN

saved distance [%] -31.4361 NaN

trip distance per fleet distance 0.760826 NaN

trip distance per fleet distance (no reloc) 0.760826 NaN

avg driving velocity [km/h] 49.8612 NaN

avg trip velocity [km/h] 0.0398504 NaN

vehicle revenue hours [Fzg h] 13.2367 NaN

total toll 0 NaN

mod revenue 40305 NaN

mod fix costs 25000 NaN

mod var costs 12862 NaN

total CO2 emissions [t] 0.000288117 NaN

total external emission costs 4 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2036.7 NaN

shared rides [%] 33.5025 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

400 request 5 veh

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:00 h

simulation : 0:00:23 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 161 88.0

number travelers 161 NaN

modal split 0.4025 NaN

modal split rq 0.4025 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 161 NaN

online pax 161 NaN

served online users [%] 40.25 NaN

served online pax [%] 40.25 NaN

% created offers 40.25 NaN

utility NaN NaN

travel time 200.634 NaN

travel distance NaN NaN

waiting time 226.853 NaN

waiting time from ept 226.853 NaN

waiting time (median) 252.015 NaN

waiting time (90% quantile) 290.078 NaN

detour time 30.3395 NaN

rel detour 17.391 NaN

% fleet utilization 99.4867 NaN

rides per veh rev hours 16.1831 NaN

rides per veh rev hours rq 16.1831 NaN

total vkm 393.191 NaN

occupancy 0.926553 NaN

occupancy rq 0.926553 NaN

% empty vkm 27.0638 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 339.316 NaN

saved distance [%] -15.8776 NaN

trip distance per fleet distance 0.86298 NaN

trip distance per fleet distance (no reloc) 0.86298 NaN

avg driving velocity [km/h] 50.6836 NaN

avg trip velocity [km/h] 0.0378161 NaN

vehicle revenue hours [Fzg h] 9.94867 NaN

total toll 0 NaN

mod revenue 35389 NaN

mod fix costs 12500 NaN

mod var costs 9830 NaN

total CO2 emissions [t] 0.000220187 NaN

total external emission costs 3 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2262.81 NaN

shared rides [%] 60.8696 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

400 request 10 vehicle

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:00 h

simulation : 0:00:40 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 304 88.0

number travelers 304 NaN

modal split 0.76 NaN

modal split rq 0.76 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 304 NaN

online pax 304 NaN

served online users [%] 76 NaN

served online pax [%] 76 NaN

% created offers 76 NaN

utility NaN NaN

travel time 195.737 NaN

travel distance NaN NaN

waiting time 211.243 NaN

waiting time from ept 211.243 NaN

waiting time (median) 235.103 NaN

waiting time (90% quantile) 286.193 NaN

detour time 26.7226 NaN

rel detour 15.5342 NaN

% fleet utilization 96.6691 NaN

rides per veh rev hours 15.7237 NaN

rides per veh rev hours rq 15.7237 NaN

total vkm 768.216 NaN

occupancy 0.866848 NaN

occupancy rq 0.866848 NaN

% empty vkm 28.2524 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 633.597 NaN

saved distance [%] -21.2467 NaN

trip distance per fleet distance 0.824765 NaN

trip distance per fleet distance (no reloc) 0.824765 NaN

avg driving velocity [km/h] 50.8823 NaN

avg trip velocity [km/h] 0.0383326 NaN

vehicle revenue hours [Fzg h] 19.3338 NaN

total toll 0 NaN

mod revenue 65569 NaN

mod fix costs 25000 NaN

mod var costs 19206 NaN

total CO2 emissions [t] 0.000430201 NaN

total external emission costs 6 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2190.55 NaN

shared rides [%] 54.2763 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

400 R 20 Veh

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:00 h

simulation : 0:00:47 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 397 88.0

number travelers 397 NaN

modal split 0.9925 NaN

modal split rq 0.9925 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 397 NaN

online pax 397 NaN

served online users [%] 99.25 NaN

served online pax [%] 99.25 NaN

% created offers 99.25 NaN

utility NaN NaN

travel time 194.854 NaN

travel distance NaN NaN

waiting time 164.196 NaN

waiting time from ept 164.196 NaN

waiting time (median) 176.223 NaN

waiting time (90% quantile) 280.327 NaN

detour time 27.0155 NaN

rel detour 16.1251 NaN

% fleet utilization 61.5867 NaN

rides per veh rev hours 16.1155 NaN

rides per veh rev hours rq 16.1155 NaN

total vkm 959.14 NaN

occupancy 0.895236 NaN

occupancy rq 0.895236 NaN

% empty vkm 24.1273 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 823.505 NaN

saved distance [%] -16.4705 NaN

trip distance per fleet distance 0.858587 NaN

trip distance per fleet distance (no reloc) 0.858587 NaN

avg driving velocity [km/h] 50.7754 NaN

avg trip velocity [km/h] 0.0383238 NaN

vehicle revenue hours [Fzg h] 24.6347 NaN

total toll 0 NaN

mod revenue 85387 NaN

mod fix costs 50000 NaN

mod var costs 23981 NaN

total CO2 emissions [t] 0.000537119 NaN

total external emission costs 8 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2162.86 NaN

shared rides [%] 54.6599 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

600 R 5 Veh

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:00 h

simulation : 0:00:34 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 164 88.0

number travelers 164 NaN

modal split 0.274247 NaN

modal split rq 0.274247 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 164 NaN

online pax 164 NaN

served online users [%] 27.4247 NaN

served online pax [%] 27.4247 NaN

% created offers 27.4247 NaN

utility NaN NaN

travel time 197.401 NaN

travel distance NaN NaN

waiting time 237.167 NaN

waiting time from ept 237.167 NaN

waiting time (median) 258.125 NaN

waiting time (90% quantile) 293.951 NaN

detour time 30.9411 NaN

rel detour 18.268 NaN

% fleet utilization 99.3371 NaN

rides per veh rev hours 16.5094 NaN

rides per veh rev hours rq 16.5094 NaN

total vkm 386.719 NaN

occupancy 0.889267 NaN

occupancy rq 0.889267 NaN

% empty vkm 27.7698 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 325.211 NaN

saved distance [%] -18.9131 NaN

trip distance per fleet distance 0.84095 NaN

trip distance per fleet distance (no reloc) 0.84095 NaN

avg driving velocity [km/h] 50.7181 NaN

avg trip velocity [km/h] 0.0361639 NaN

vehicle revenue hours [Fzg h] 9.93371 NaN

total toll 0 NaN

mod revenue 33687 NaN

mod fix costs 12500 NaN

mod var costs 9668 NaN

total CO2 emissions [t] 0.000216563 NaN

total external emission costs 3 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2096.93 NaN

shared rides [%] 61.5854 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

600 Request 10 Veh

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:00 h

simulation : 0:01:00 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 322 88.0

number travelers 322 NaN

modal split 0.538462 NaN

modal split rq 0.538462 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 322 NaN

online pax 322 NaN

served online users [%] 53.8462 NaN

served online pax [%] 53.8462 NaN

% created offers 53.8462 NaN

utility NaN NaN

travel time 193.059 NaN

travel distance NaN NaN

waiting time 234.878 NaN

waiting time from ept 234.878 NaN

waiting time (median) 258.899 NaN

waiting time (90% quantile) 292.713 NaN

detour time 28.3506 NaN

rel detour 17.5528 NaN

% fleet utilization 97.5753 NaN

rides per veh rev hours 16.5001 NaN

rides per veh rev hours rq 16.5001 NaN

total vkm 753.235 NaN

occupancy 0.876379 NaN

occupancy rq 0.876379 NaN

% empty vkm 28.5963 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 629.825 NaN

saved distance [%] -19.5943 NaN

trip distance per fleet distance 0.83616 NaN

trip distance per fleet distance (no reloc) 0.83616 NaN

avg driving velocity [km/h] 49.8464 NaN

avg trip velocity [km/h] 0.0364735 NaN

vehicle revenue hours [Fzg h] 19.5151 NaN

total toll 0 NaN

mod revenue 65214 NaN

mod fix costs 25000 NaN

mod var costs 18831 NaN

total CO2 emissions [t] 0.000421812 NaN

total external emission costs 6 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2050.06 NaN

shared rides [%] 59.3168 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

800 R, 10 Veh

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:01:19 h

evaluation : 0:00:00 h

--------------------------------------------------------------------------------

Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 357 88.0

number travelers 357 NaN

modal split 0.446809 NaN

modal split rq 0.446809 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 357 NaN

online pax 357 NaN

served online users [%] 44.6809 NaN

served online pax [%] 44.6809 NaN

% created offers 44.6809 NaN

utility NaN NaN

travel time 190.54 NaN

travel distance NaN NaN

waiting time 244.31 NaN

waiting time from ept 244.31 NaN

waiting time (median) 262.561 NaN

waiting time (90% quantile) 293.679 NaN

detour time 31.1437 NaN

rel detour 20.2254 NaN

% fleet utilization 99.75 NaN

rides per veh rev hours 17.8947 NaN

rides per veh rev hours rq 17.8947 NaN

total vkm 777.923 NaN

occupancy 0.951599 NaN

occupancy rq 0.951599 NaN

% empty vkm 24.1446 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 690.909 NaN

saved distance [%] -12.594 NaN

trip distance per fleet distance 0.888147 NaN

trip distance per fleet distance (no reloc) 0.888147 NaN

avg driving velocity [km/h] 51.4817 NaN

avg trip velocity [km/h] 0.0365652 NaN

vehicle revenue hours [Fzg h] 19.95 NaN

total toll 0 NaN

mod revenue 71707 NaN

mod fix costs 25000 NaN

mod var costs 19449 NaN

total CO2 emissions [t] 0.000435637 NaN

total external emission costs 6 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2073.59 NaN

shared rides [%] 66.6667 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

800 request, 20 vehicle

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:02:15 h

evaluation : 0:00:00 h

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Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 683 88.0

number travelers 683 NaN

modal split 0.854819 NaN

modal split rq 0.854819 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 683 NaN

online pax 683 NaN

served online users [%] 85.4819 NaN

served online pax [%] 85.4819 NaN

% created offers 85.4819 NaN

utility NaN NaN

travel time 187.437 NaN

travel distance NaN NaN

waiting time 220.744 NaN

waiting time from ept 220.744 NaN

waiting time (median) 242.586 NaN

waiting time (90% quantile) 292.603 NaN

detour time 29.3826 NaN

rel detour 18.9029 NaN

% fleet utilization 97.5078 NaN

rides per veh rev hours 17.5114 NaN

rides per veh rev hours rq 17.5114 NaN

total vkm 1483.76 NaN

occupancy 0.928444 NaN

occupancy rq 0.928444 NaN

% empty vkm 26.234 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 1292.56 NaN

saved distance [%] -14.7925 NaN

trip distance per fleet distance 0.871137 NaN

trip distance per fleet distance (no reloc) 0.871137 NaN

avg driving velocity [km/h] 50.3403 NaN

avg trip velocity [km/h] 0.0363478 NaN

vehicle revenue hours [Fzg h] 39.0031 NaN

total toll 0 NaN

mod revenue 134566 NaN

mod fix costs 50000 NaN

mod var costs 37093 NaN

total CO2 emissions [t] 0.000830907 NaN

total external emission costs 12 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 2016.97 NaN

shared rides [%] 62.5183 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n

Process finished with exit code 0

800 R 40 Veh

Scenario example\_pool\_irsonly\_sc\_1 finished:

initialization : 0:00:01 h

simulation : 0:02:23 h

evaluation : 0:00:00 h

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Scenario example\_pool\_irsonly\_sc\_1 has mismatch with assertions:/n MoD\_0 Assertion

operator\_id 0 NaN

number users 794 88.0

number travelers 794 NaN

modal split 0.993742 NaN

modal split rq 0.993742 NaN

reservation users 0 NaN

reservation pax 0 NaN

served reservation users [%] 100 NaN

served reservation pax [%] 100 NaN

online users 794 NaN

online pax 794 NaN

served online users [%] 99.3742 NaN

served online pax [%] 99.3742 NaN

% created offers 99.3742 NaN

utility NaN NaN

travel time 185.597 NaN

travel distance NaN NaN

waiting time 174.468 NaN

waiting time from ept 174.468 NaN

waiting time (median) 196.261 NaN

waiting time (90% quantile) 285.845 NaN

detour time 26.5617 NaN

rel detour 16.7531 NaN

% fleet utilization 55.6759 NaN

rides per veh rev hours 17.8264 NaN

rides per veh rev hours rq 17.8264 NaN

total vkm 1661.59 NaN

occupancy 0.951451 NaN

occupancy rq 0.951451 NaN

% empty vkm 22.2315 NaN

% repositioning vkm 0 NaN

customer direct distance [km] 1502.37 NaN

saved distance [%] -10.5974 NaN

trip distance per fleet distance 0.90418 NaN

trip distance per fleet distance (no reloc) 0.90418 NaN

avg driving velocity [km/h] 49.9646 NaN

avg trip velocity [km/h] 0.036702 NaN

vehicle revenue hours [Fzg h] 44.5407 NaN

total toll 0 NaN

mod revenue 156472 NaN

mod fix costs 100000 NaN

mod var costs 41541 NaN

total CO2 emissions [t] 0.000930489 NaN

total external emission costs 13 NaN

parking cost NaN NaN

toll 0 NaN

customer in vehicle distance 1991.08 NaN

shared rides [%] 56.2972 NaN

scenario\_name example\_pool\_irsonly\_sc\_1 NaN/n--------------------------------------------------------------------------------/n