Num of Trains=10 (5 up, 5 down)
End_sim_time = 30000,
getSpottingsNowTime = 21000,
peakThres=5 (500 meters both sides)
PosConf calculated for each point at distance of= 100 meters
Starting time gap between trains=30 min (1800 sec)
Halt_time_of_Train = 20 sec
Speed_of_The_Train = 14 m/sec (50.4 km/h)

0.1 No. of passengers=

0.1.1 western up route

Table 1: Ground truth value

Positions m	*NearestEstDis* m
17 886.00	9486.00
40 278.00	9978.00
64 082.00	10 582.00
88 444.00	10 844.00

Table 2: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
8400.00	9486.00	0.99
30 300.00	9978.00	0.98
53 500.00	10 582.00	0.75
77 600.00	10 844.00	0.28
102 000.00	13 556.00	0.14

0.1.2 western down route

Table 3: Ground truth value

Positions m	*NearestEstDis* m
3114.00	5186.00
20 066.00	10 134.00
43 026.00	10 374.00
66 824.00	10 676.00
90 896.00	10 904.00
115 254.00	13 454.00

Table 4: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
8300.00	5186.00	0.89
30 200.00	10 134.00	0.98
53 400.00	10 374.00	0.77
77 500.00	10 676.00	0.66
101 800.00	10 904.00	0.76

Num of Trains=10 (5 up, 5 down)
End_sim_time = 30000,
getSpottingsNowTime = 21000,
peakThres=5 (500 meters both sides)
PosConf calculated for each point at distance of= 100 meters
Starting time gap between trains=30 min (1800 sec)
Halt_time_of_Train = 20 sec
Speed_of_The_Train = 14 m/sec (50.4 km/h)

0.2 No. of passengers=

0.2.1 central up route

Table 5: Ground truth value

Positions m	*NearestEstDis* m
10 918.00	818.00
16 406.00	6306.00
33 324.00	576.00
39 080.00	5180.00

Table 6: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
1200.00	9718.00	0.65
10 100.00	818.00	1.00
23 300.00	6894.00	0.85
28 800.00	4524.00	0.98
33 900.00	576.00	0.00
46 300.00	7220.00	0.36
51 800.00	12 720.00	0.54

0.2.2 central down route

Table 7: Ground truth value

Positions m	*NearestEstDis* m
1720.00	9280.00
10 076.00	924.00
23 278.00	3378.00
32 474.00	926.00
46 244.00	7144.00
51 718.00	12 618.00

Table 8: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
11 000.00	924.00	0.96
19 900.00	3378.00	0.89
33 400.00	926.00	1.00
39 100.00	6626.00	0.92

Num of Trains=10 (5 up, 5 down)
End_sim_time = 30000,
getSpottingsNowTime = 21000,
peakThres=5 (500 meters both sides)
PosConf calculated for each point at distance of= 100 meters
Starting time gap between trains=30 min (1800 sec)
Halt_time_of_Train = 20 sec
Speed_of_The_Train = 14 m/sec (50.4 km/h)

0.3 No. of passengers=

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
3640.00	2240.00
11 114.00	4686.00
25 760.00	1940.00
33 526.00	1274.00
35 274.00	374.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
1400.00	2240.00	0.86
15 800.00	4686.00	0.99
27 700.00	1940.00	0.01
27 800.00	2040.00	0.01
31 200.00	2326.00	0.01
34 800.00	474.00	4.34×10^{-4}
34 900.00	374.00	4.34×10^{-4}
38 200.00	2926.00	0.54
47 900.00	12 626.00	0.60

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
9880.00	17 820.00
17 082.00	10 618.00
18 844.00	8856.00
40 034.00	12 334.00
41 796.00	14 096.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
27 700.00	8856.00	1.00