

Num of Trains=10 (5 up, 5 down)  
 End\_sim\_time = 20000,  
 getSpottingNowTime = 10000,  
 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=10000

### 0.1.1 western up route

Table 1: Ground truth value		Table 2: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
14 660.00	1240.00	15 900.00	1240.00
31 220.00	2680.00	33 900.00	2680.00
55 850.00	1350.00	57 200.00	1350.00
82 550.00	1050.00	81 500.00	1050.00
102 860.00	2740.00	105 600.00	2740.00
		117 400.00	14 540.00
		"AvgPosConf	0.94"
		"MaxPosConf	1.00"

### 0.1.2 western down route

Table 3: Ground truth value		Table 4: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
5950.00	950.00	5000.00	950.00
26 900.00	100.00	15 300.00	9350.00
51 780.00	1980.00	26 800.00	100.00
68 420.00	5380.00	49 800.00	1980.00
111 580.00	37 780.00	73 800.00	5380.00
		"AvgPosConf	1.00"
		"MaxPosConf	1.00"

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## 0.2 No. of passengers=10000

### 0.2.1 central up route

Table 5: Ground truth value		Table 6: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
5000.00	1600.00	6600.00	1600.00
13 000.00	2500.00	15 500.00	2500.00
26 000.00	2400.00	28 400.00	2400.00
34 000.00	200.00	34 200.00	200.00
49 000.00	2300.00	51 300.00	2300.00
		"AvgPosConf	1.00"
		"MaxPosConf	1.00"

### 0.2.2 central down route

Table 7: Ground truth value		Table 8: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
8000.00	2200.00	5800.00	2200.00
16 000.00	1200.00	14 800.00	1200.00
28 000.00	0.00	28 000.00	0.00
36 000.00	2300.00	33 700.00	2300.00
50 000.00	16 300.00	"AvgPosConf	1.00"
		"MaxPosConf	1.00"

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### 0.3 No. of passengers=10000

#### 0.3.1 harbour up route

Table 9: Ground truth value		Table 10: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
2000.00	1100.00	3100.00	1100.00
9000.00	1000.00	10 000.00	1000.00
29 000.00	4300.00	24 700.00	4300.00
30 000.00	3700.00	33 700.00	1700.00
32 000.00	1700.00	40 900.00	8900.00
		"AvgPosConf	1.00"
		"MaxPosConf	1.00"

#### 0.3.2 harbour down route

Table 11: Ground truth value		Table 12: Estimated Value	
<i>Positions</i>	<i>NearestEstDis</i>	<i>Positions</i>	<i>NearestTruthDis</i>
m	m	m	m
13 000.00	2100.00	2600.00	10 400.00
19 000.00	400.00	10 900.00	2100.00
21 000.00	2400.00	17 900.00	1100.00
43 000.00	300.00	18 600.00	400.00
43 000.00	300.00	24 100.00	3100.00
		40 900.00	2100.00
		42 700.00	300.00
		"AvgPosConf	0.89"
		"MaxPosConf	1.00"