

Num of Trains=10 (5 up, 5 down)  
 End\_sim\_time = 30000,  
 getSpottingNowTime = 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=1000

### 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
2238.00	162.00	2400.00	162.00
23 520.00	80.00	23 600.00	80.00
		"AvgPosConf	0.98"
		"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
84 424.00	24.00	84 400.00	24.00
120 980.00	36 580.00	"AvgPosConf	1.00"
		"MaxPosConf	1.00"

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## 0.2 No. of passengers=1000

### 0.2.1 central up route

Table 5: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
2518.00	82.00
24358.00	142.00

Table 6: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
2600.00	82.00
24500.00	142.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

### 0.2.2 central down route

Table 7: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
24804.00	4.00
47474.00	74.00

Table 8: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
24800.00	4.00
47400.00	74.00
"AvgPosConf	0.98"
"MaxPosConf	1.00"

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 Speed\_of\_The\_Train = 14 m/sec (50.4 km/h)

### 0.3 No. of passengers=1000

#### 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
2518.00	82.00	2600.00	82.00
24 080.00	120.00	24 200.00	120.00
		"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
20 524.00	24.00	20 500.00	24.00
46 200.00	25 700.00	"AvgPosConf	1.00"
		"MaxPosConf	1.00"