

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)

## 0.2 No. of passengers=500

### 0.2.1 central up route

Table 5: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
12 246.00	154.00
21 442.00	158.00
34 644.00	156.00
44 120.00	180.00
57 878.00	7778.00

Table 6: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
12 400.00	154.00
21 600.00	158.00
34 800.00	156.00
44 300.00	180.00
50 100.00	5980.00
"AvgPosConf	0.82"
"MaxPosConf	1.00"

### 0.2.2 central down route

Table 7: Ground truth value	
<i>Positions</i>	<i>NearestEstDis</i>
m	m
124.00	24.00
5594.00	94.00
21 964.00	64.00
27 440.00	40.00
44 634.00	34.00

Table 8: Estimated Value	
<i>Positions</i>	<i>NearestTruthDis</i>
m	m
100.00	24.00
5500.00	94.00
11 800.00	6206.00
21 900.00	64.00
27 400.00	40.00
44 600.00	34.00
"AvgPosConf	0.93"
"MaxPosConf	1.00"