

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=10

### 0.1.1 western up route

Table 1: Ground truth value	
<i>Positions</i> m	<i>NearestEstDis</i> m
15 534.00	366.00
33 602.00	17 702.00
56 844.00	40 944.00
81 206.00	65 306.00
105 280.00	89 380.00

Table 2: Estimated Value	
<i>Positions</i> m	<i>NearestTruthDis</i> m
15 900.00	366.00
"AvgPosConf	0.17"
"MaxPosConf	0.17"

### 0.1.2 western down route

Table 3: Ground truth value	
<i>Positions</i> m	<i>NearestEstDis</i> m
5180.00	280.00
27 020.00	11 720.00
49 974.00	22 026.00
74 062.00	2062.00
117 642.00	45 642.00

Table 4: Estimated Value	
<i>Positions</i> m	<i>NearestTruthDis</i> m
4900.00	280.00
15 300.00	10 120.00
72 000.00	2062.00
"AvgPosConf	0.15"
"MaxPosConf	0.33"