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=1000

### 0.2.1 central up route

Table 5: Ground truth value

| $Positions$ | $NearestEstDis$ |
| --- | --- |
| 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

| $Positions$ | $NearestTruthDis$ |
| --- | --- |
| 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 | 0.88" |
| "MaxPosConf | 1.00" |

### 0.2.2 central down route

Table 7: Ground truth value

| $Positions$ | $NearestEstDis$ |
| --- | --- |
| 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

| $Positions$ | $NearestTruthDis$ |
| --- | --- |
| 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 | 0.97" |
| "MaxPosConf | 1.00" |