

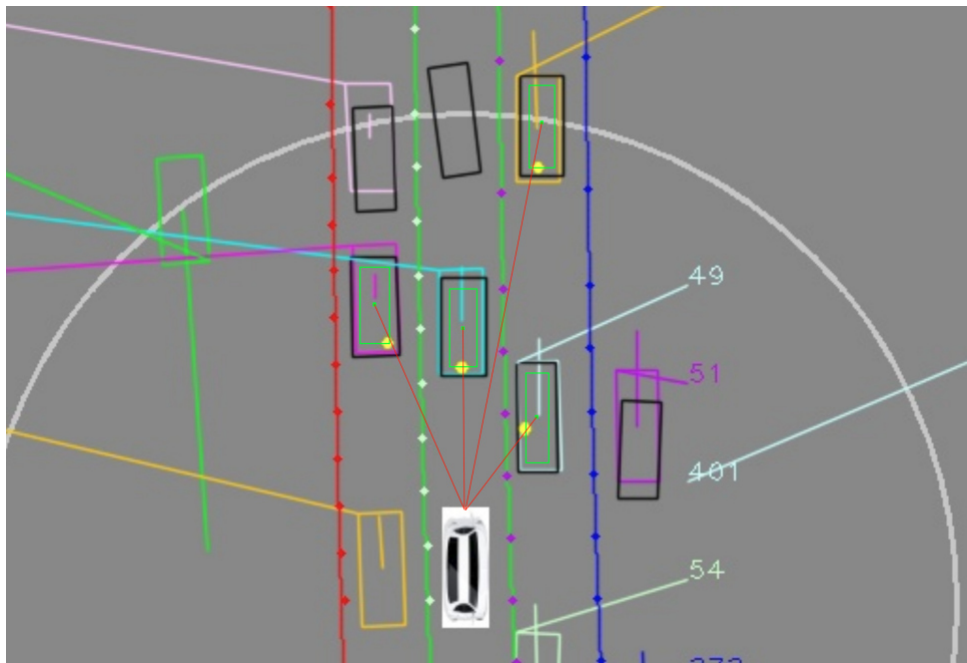
分析

目录

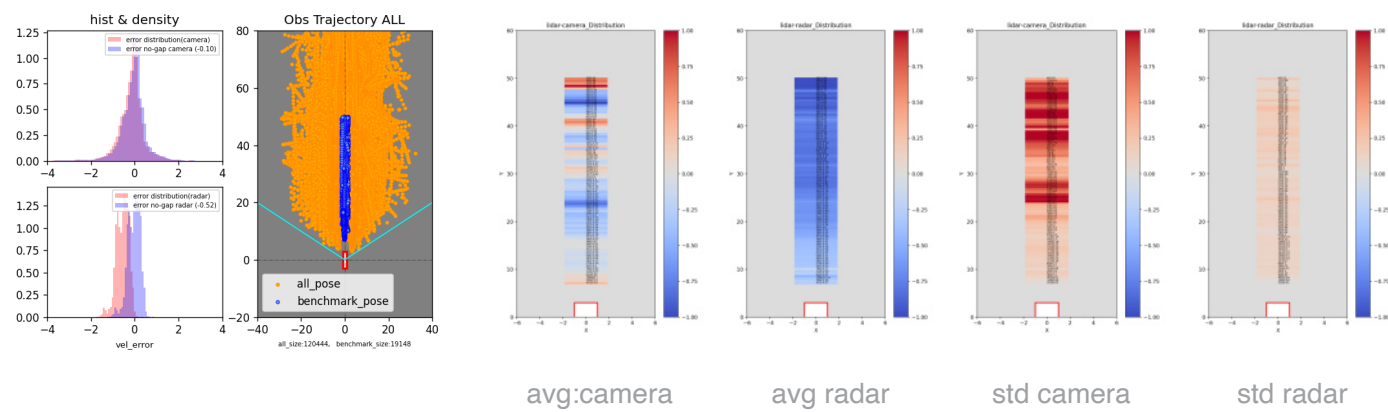
- radar 测量点分析
- 多车gap分布
- 车辆case分析
- 视频

radar 测量点分析

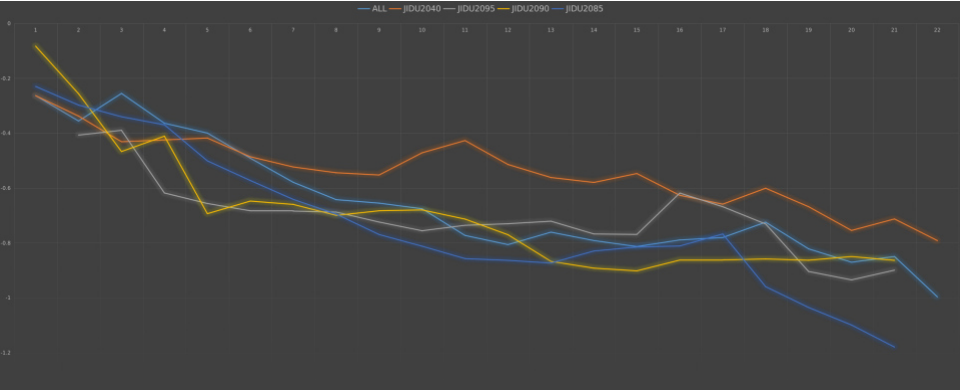
黄点:radar测量点 绿框:radar点实际打在box的内欠框(GAP补偿)



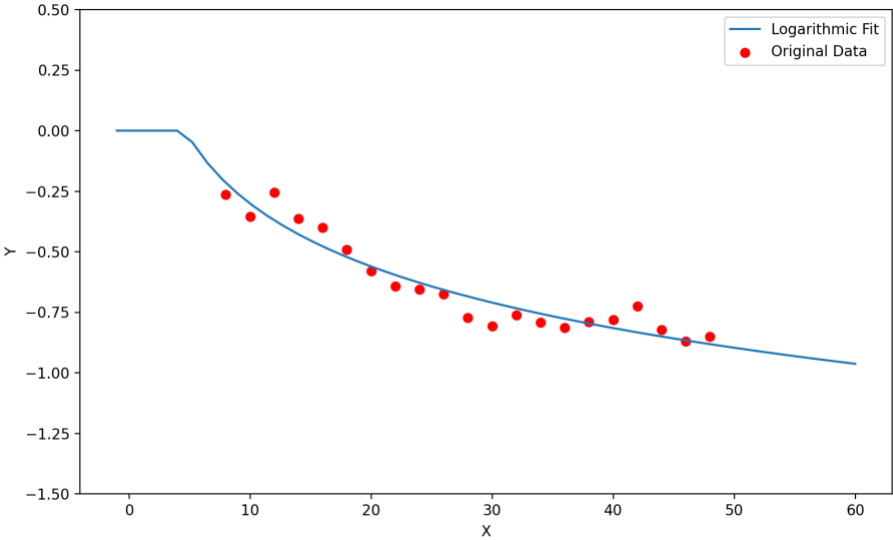
误差分布



多车gap分布



• 拟合



对数函数拟合

• 公式

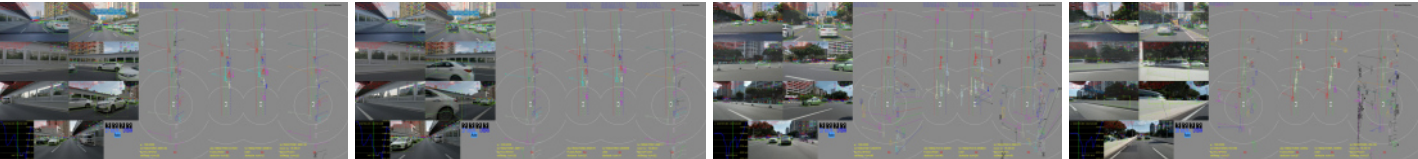
```
Optimal a: 1632.5453
Optimal b: -0.3598
Optimal x_shift: 1.5586
Optimal y_shift: -1632.0383
```

$$Y = a + b \cdot \ln(|X - shift_x|) + shift_y$$

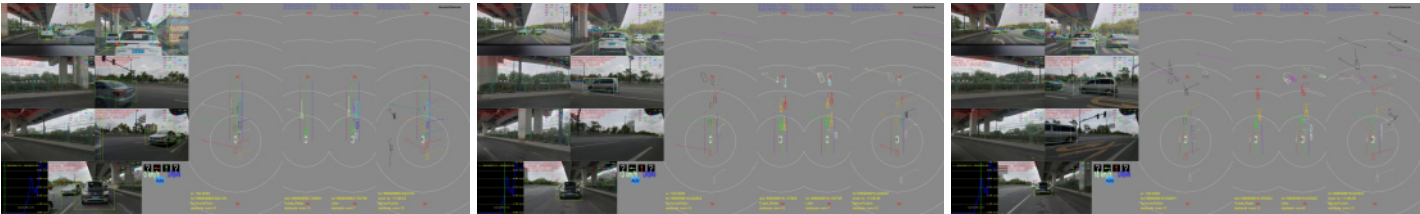
车辆case分析

• 2095

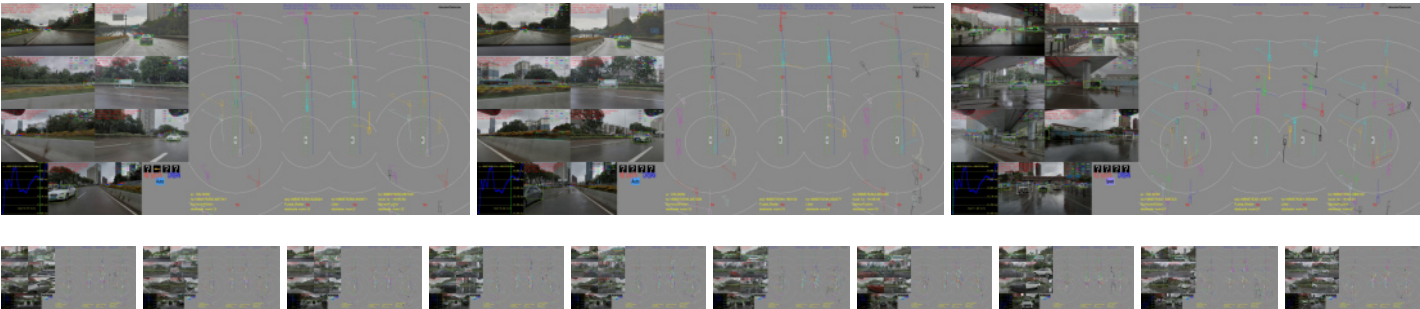
ts:16902705919 id:28 fused_fl(33.06,-1.42) R_diff:(-0.87) C_diff:(0.55)



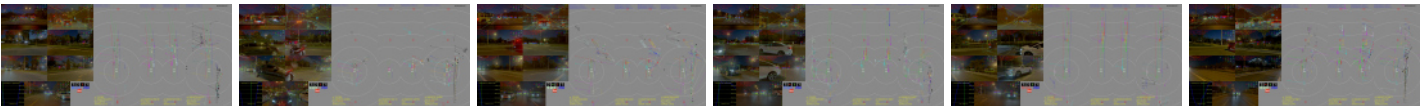
• 2090



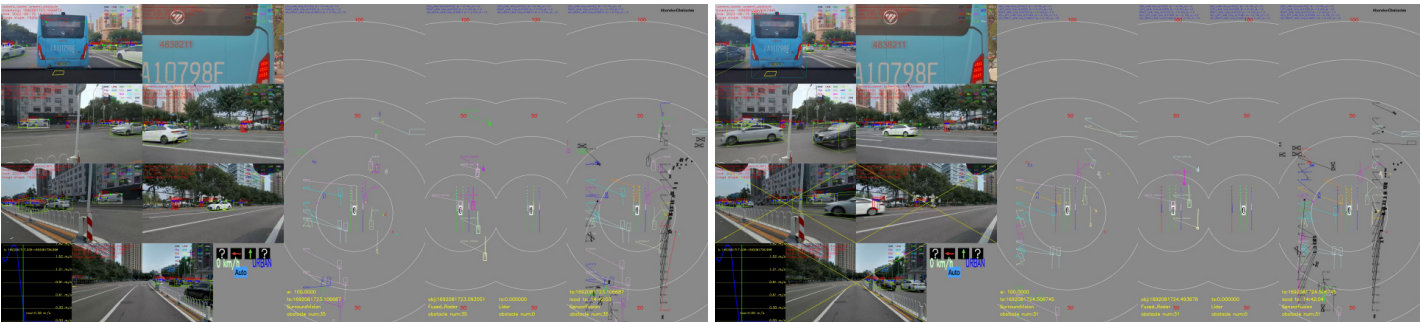
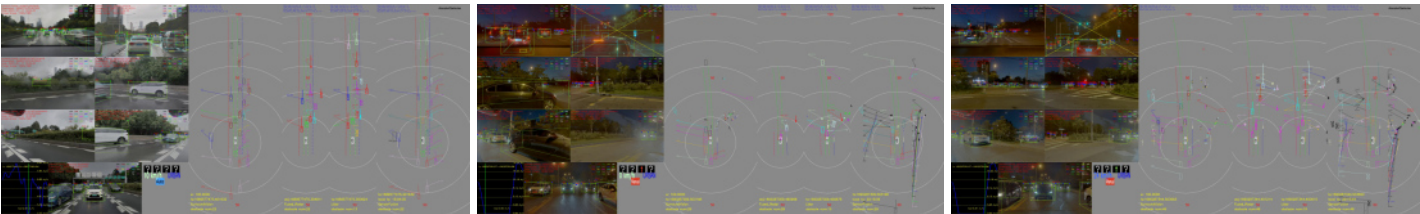
• 2085



• 2040

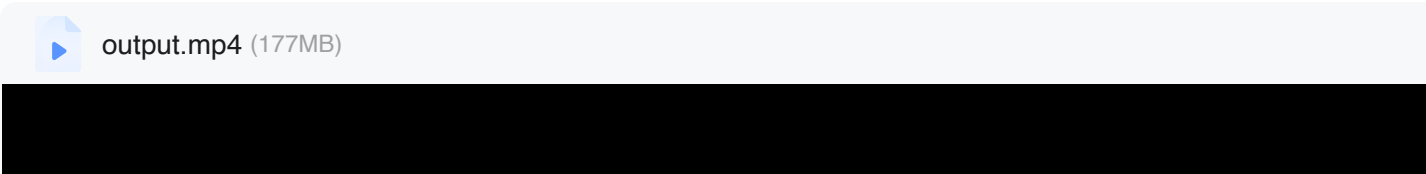


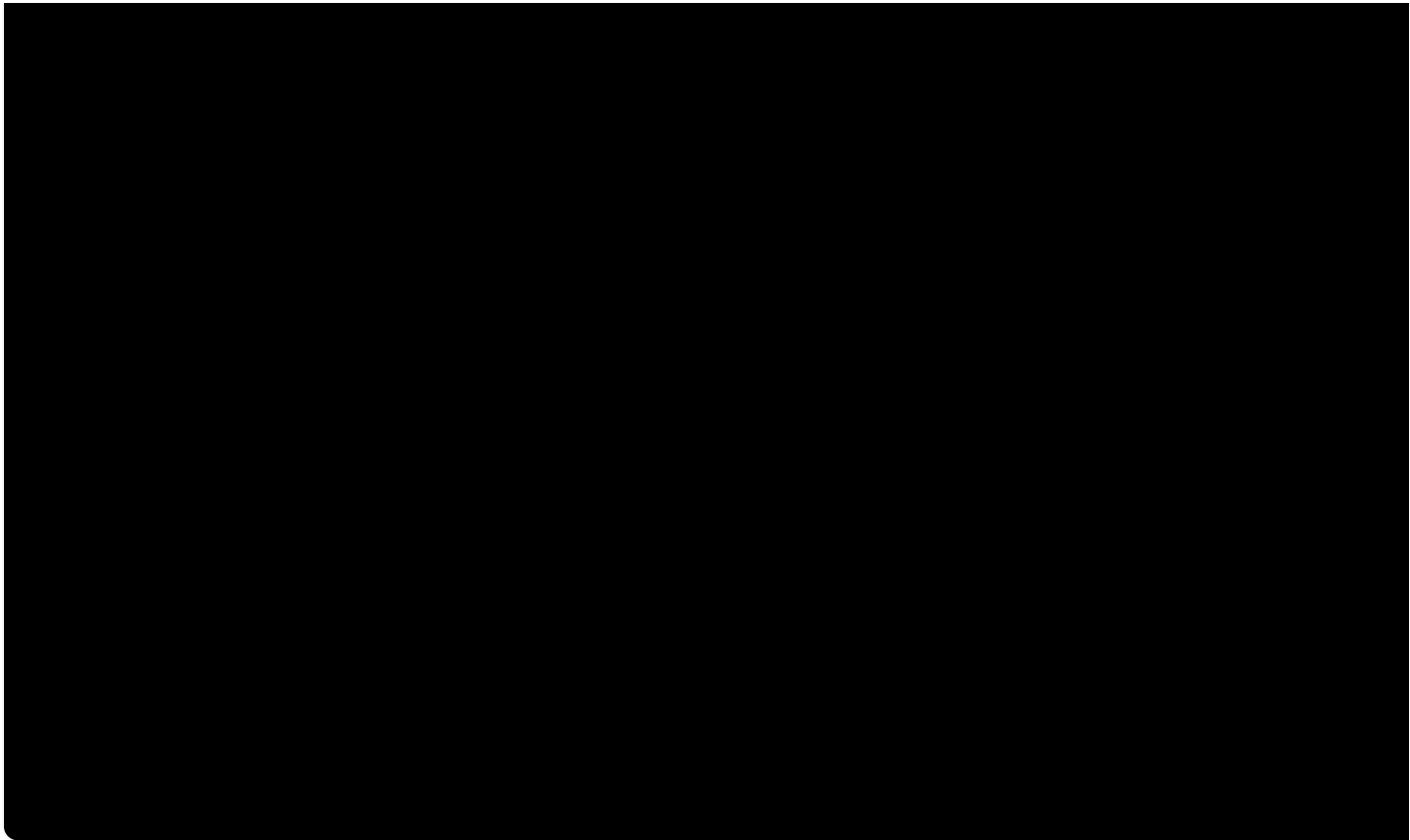
• goodcase



视频

Radar稳定测距

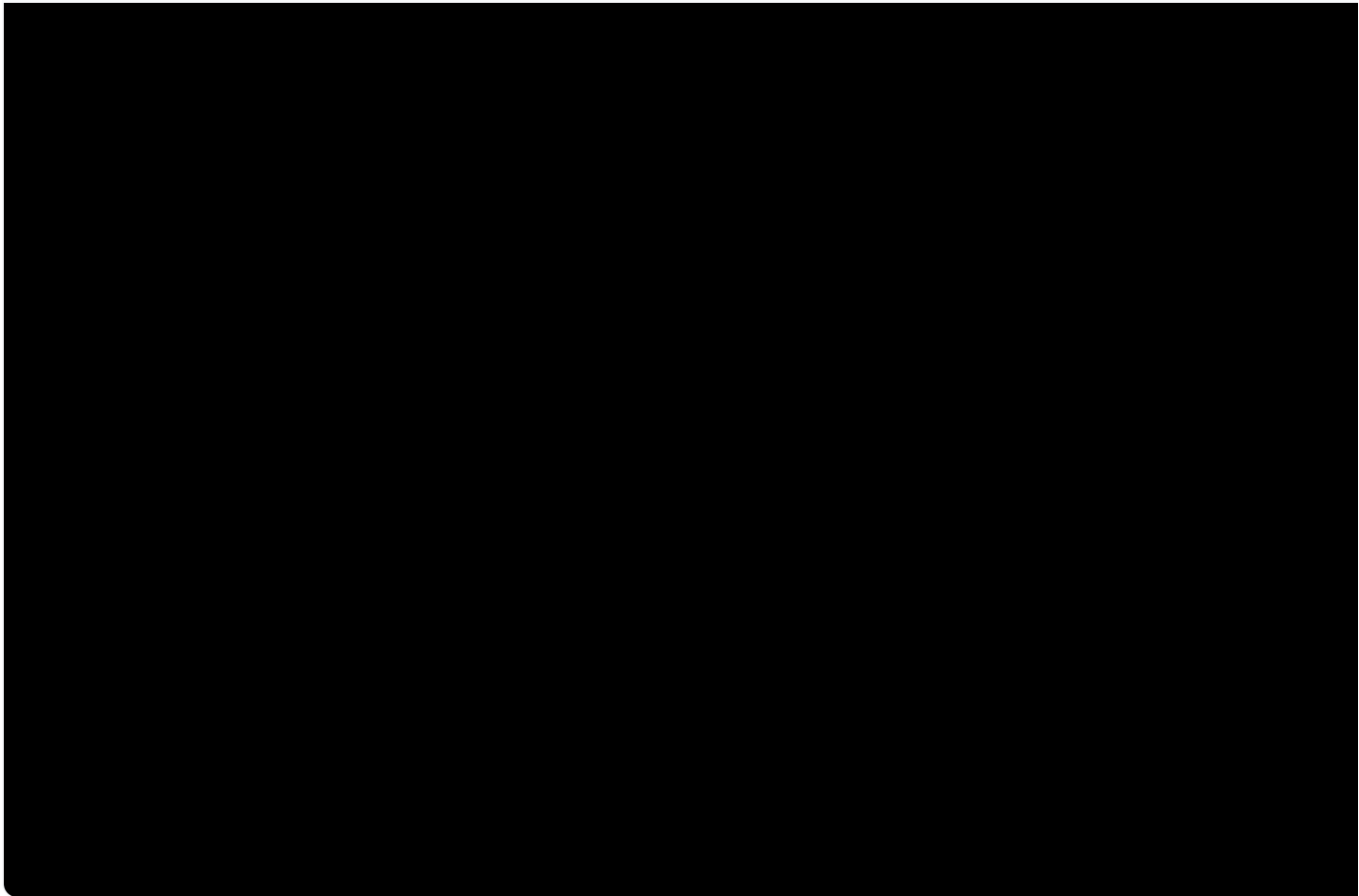




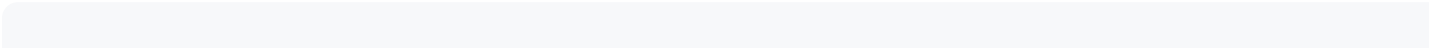
radar近距离gap小，很准



output.mp4 (142MB)



camera位置前后跳动，radar稳定





output.mp4 (14MB)

- hard case 高危

