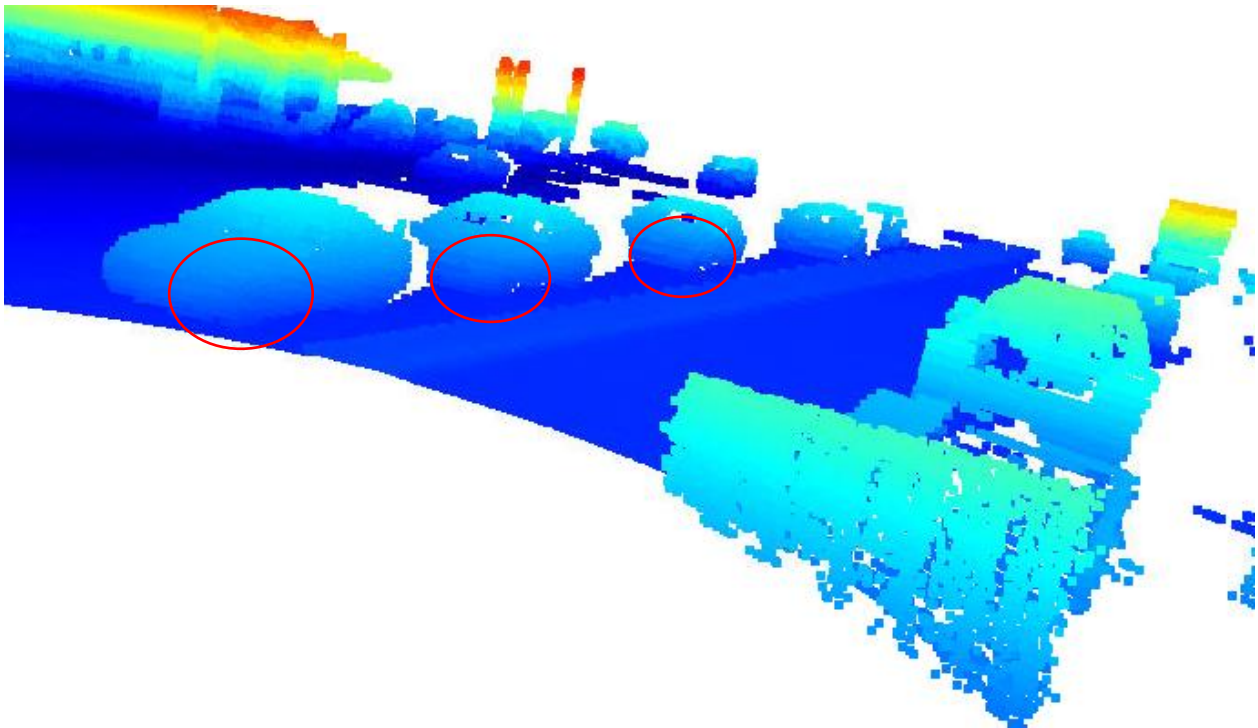
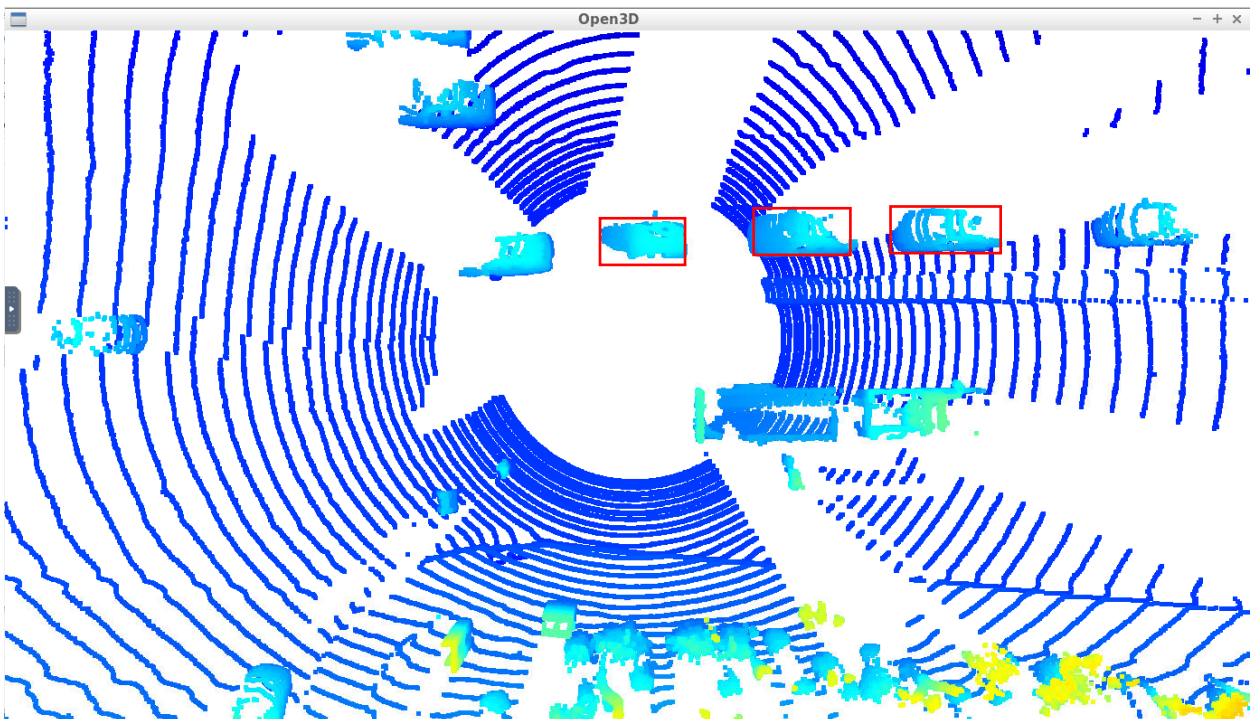


10 different viewing angles:

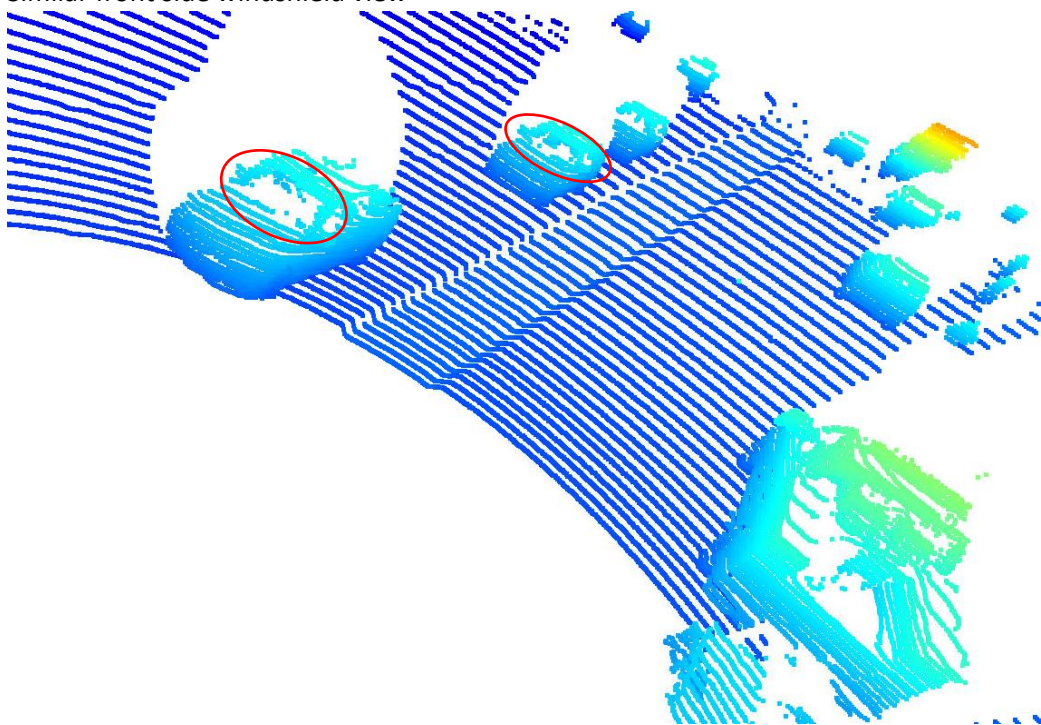
1. Similar front bumper shape.



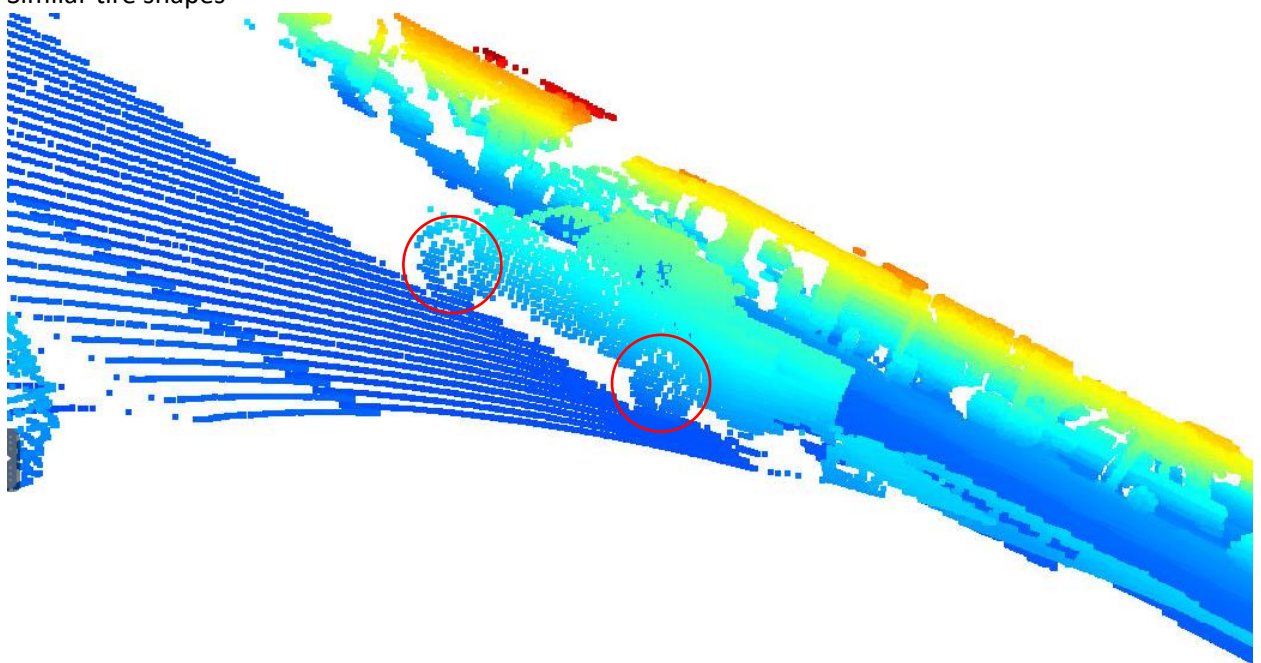
2. Similar birds eye view shapes.



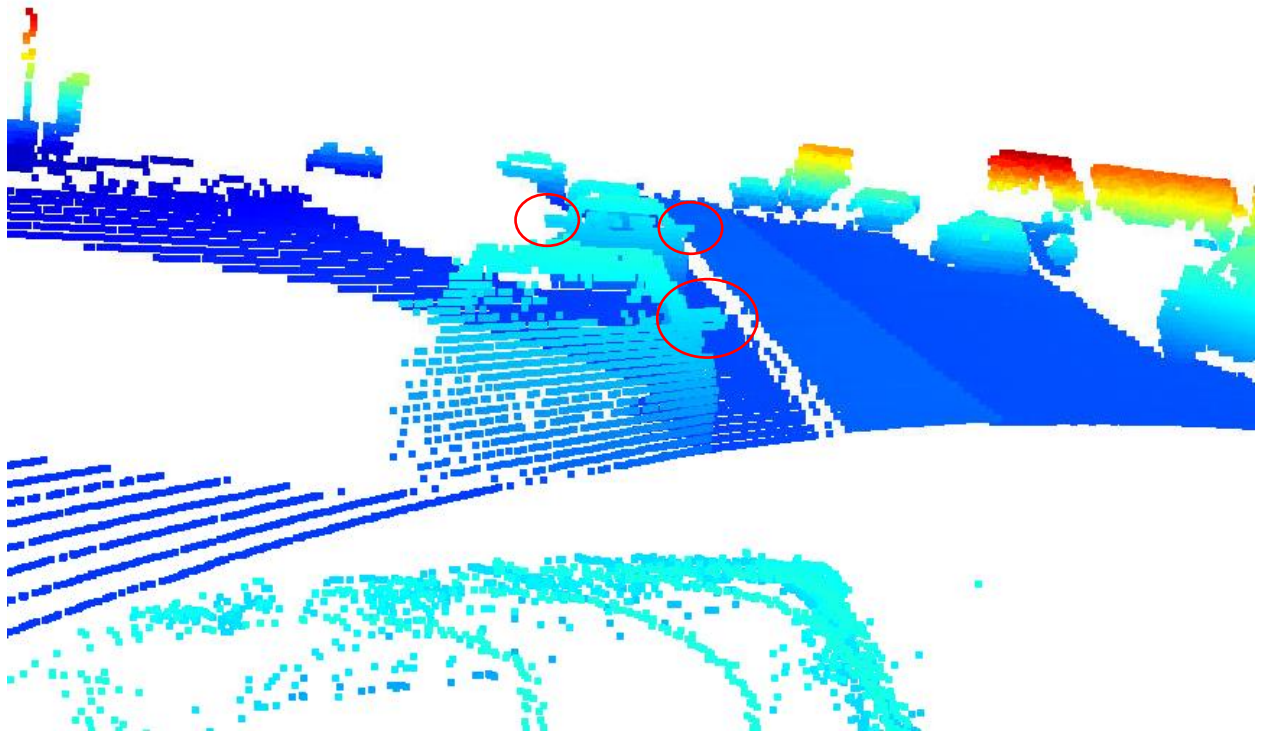
3. Similar front side windshield view



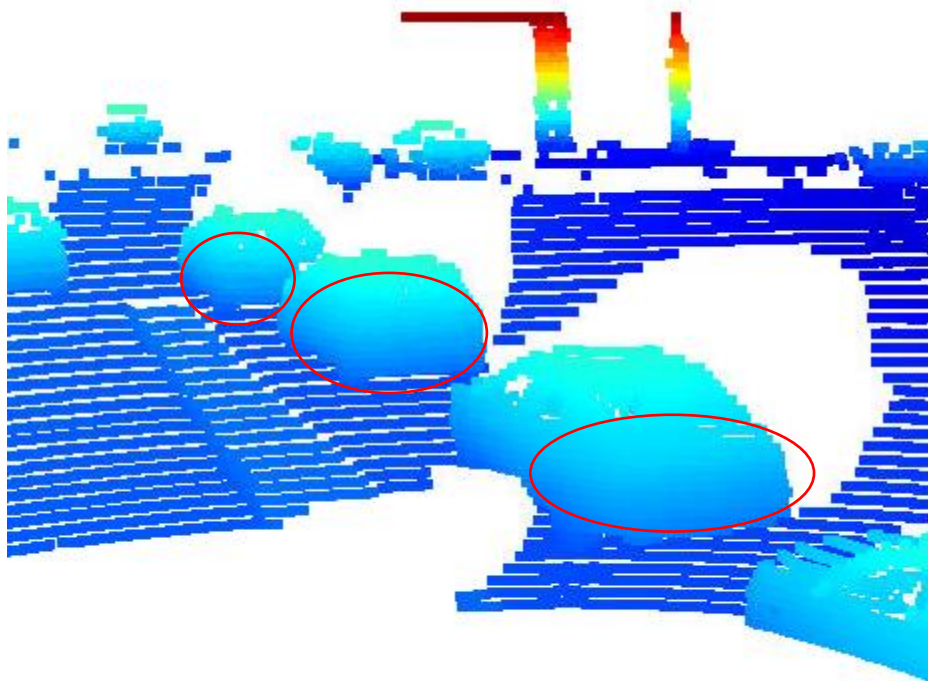
4. Similar tire shapes



5. Similar side mirror shapes

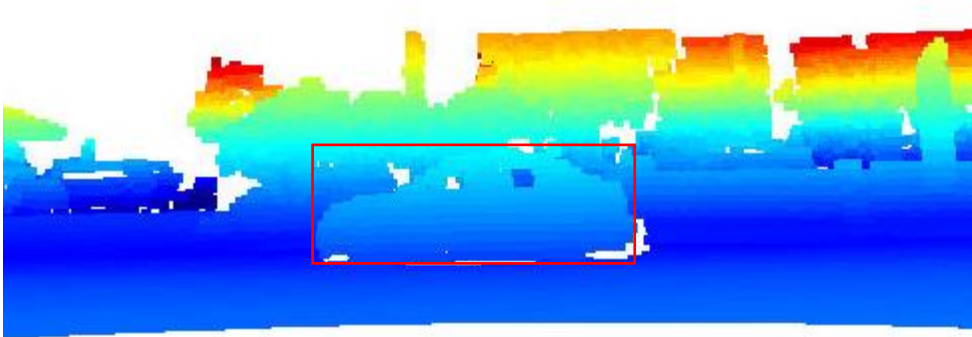


6. Similar rear bumper shapes

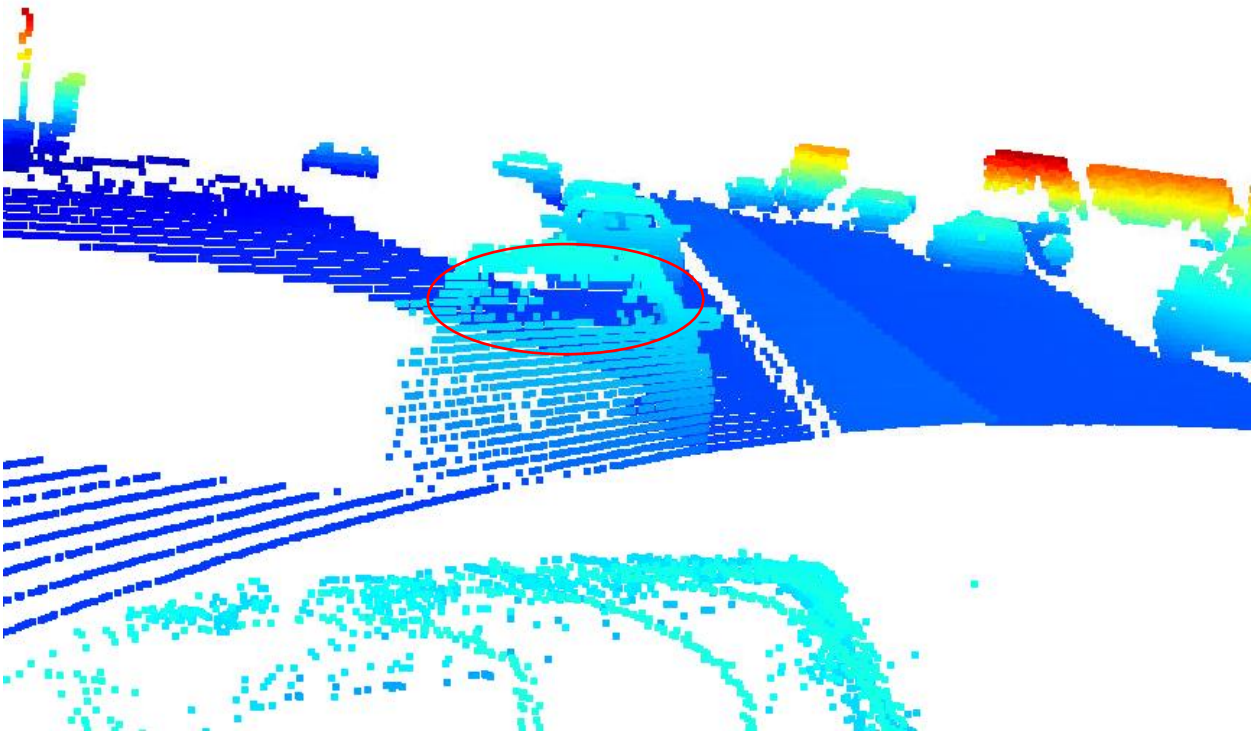




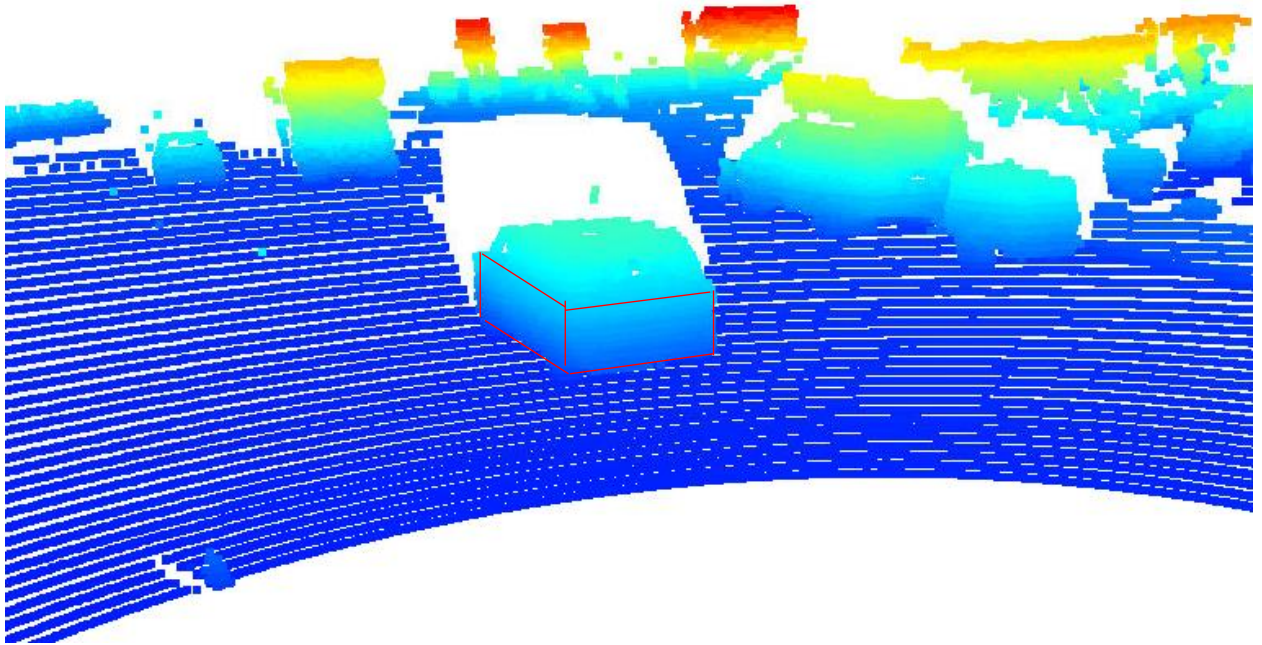
7. Similar shape of side view



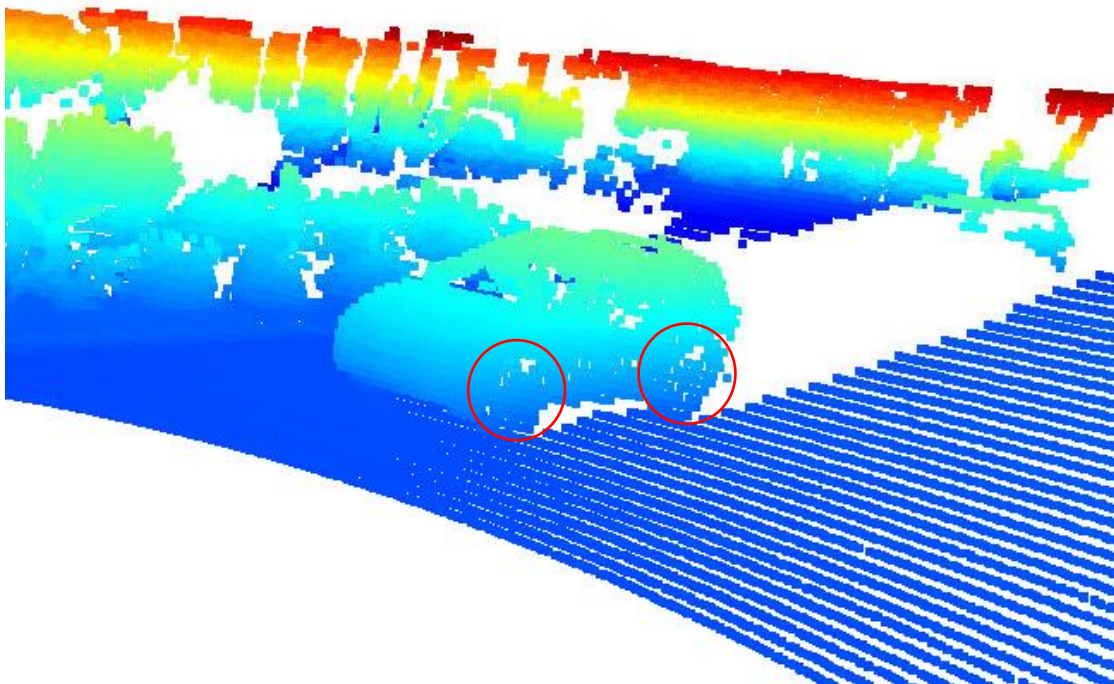
8. Similar front side windshield



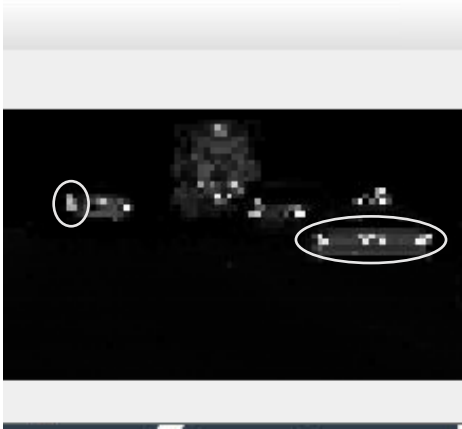
9. Similar rear view car shape



10. Similar front view of tires



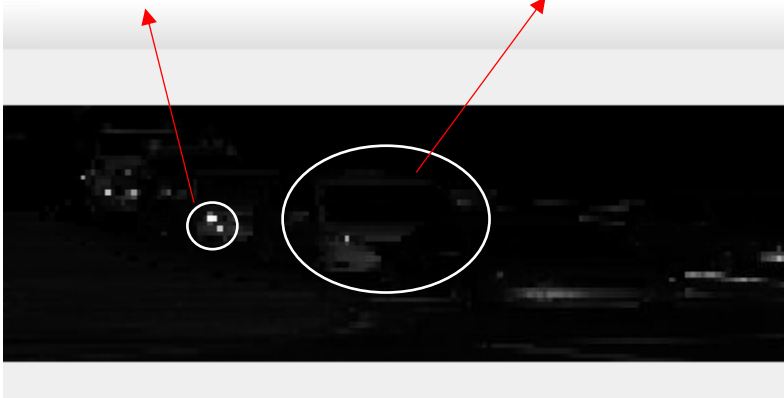
11. Strong tail light reflection intensity



12. Clear head light, side window and tire rim

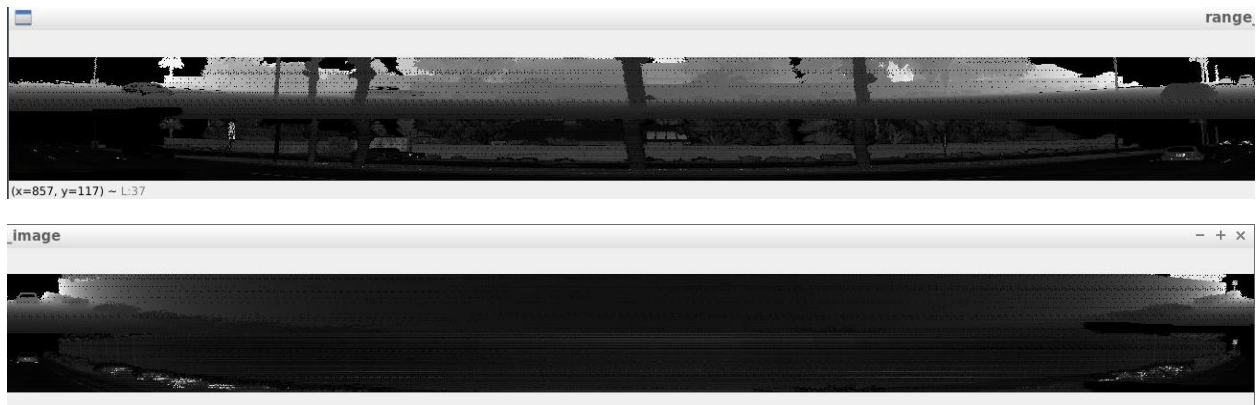


13. Strong head light and clear front side view of car frame



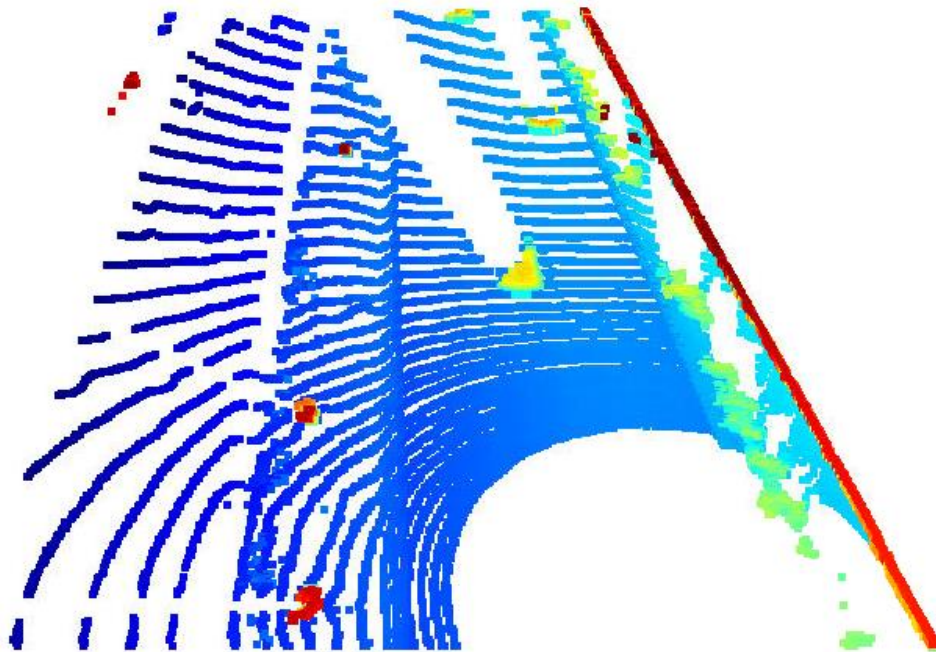
ID\_S1\_EX1:

Range image



ID\_S2\_EX1:

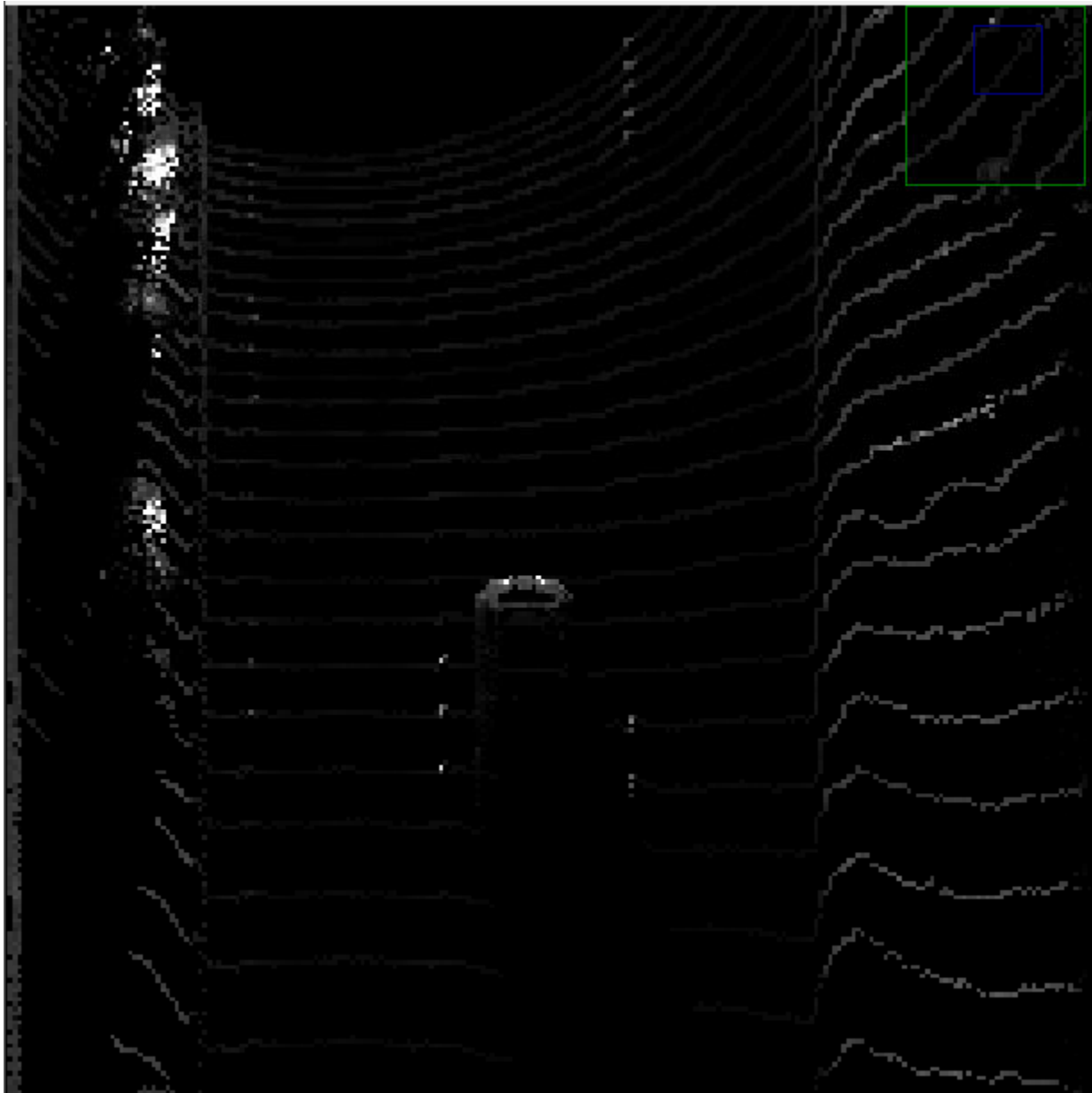
BEV map coordinates





ID\_S2\_EX2:

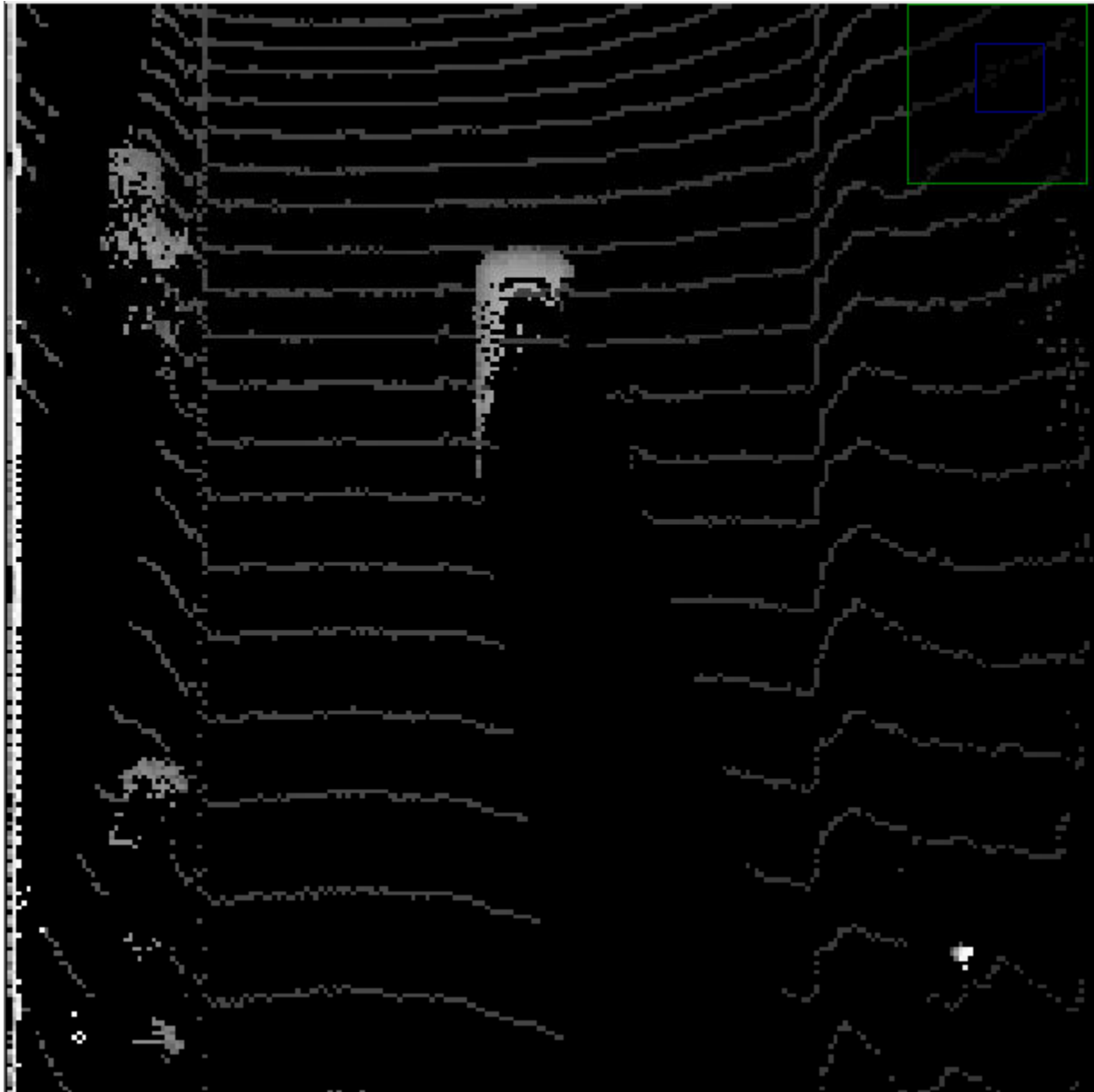
Intensity Layer from BEV map



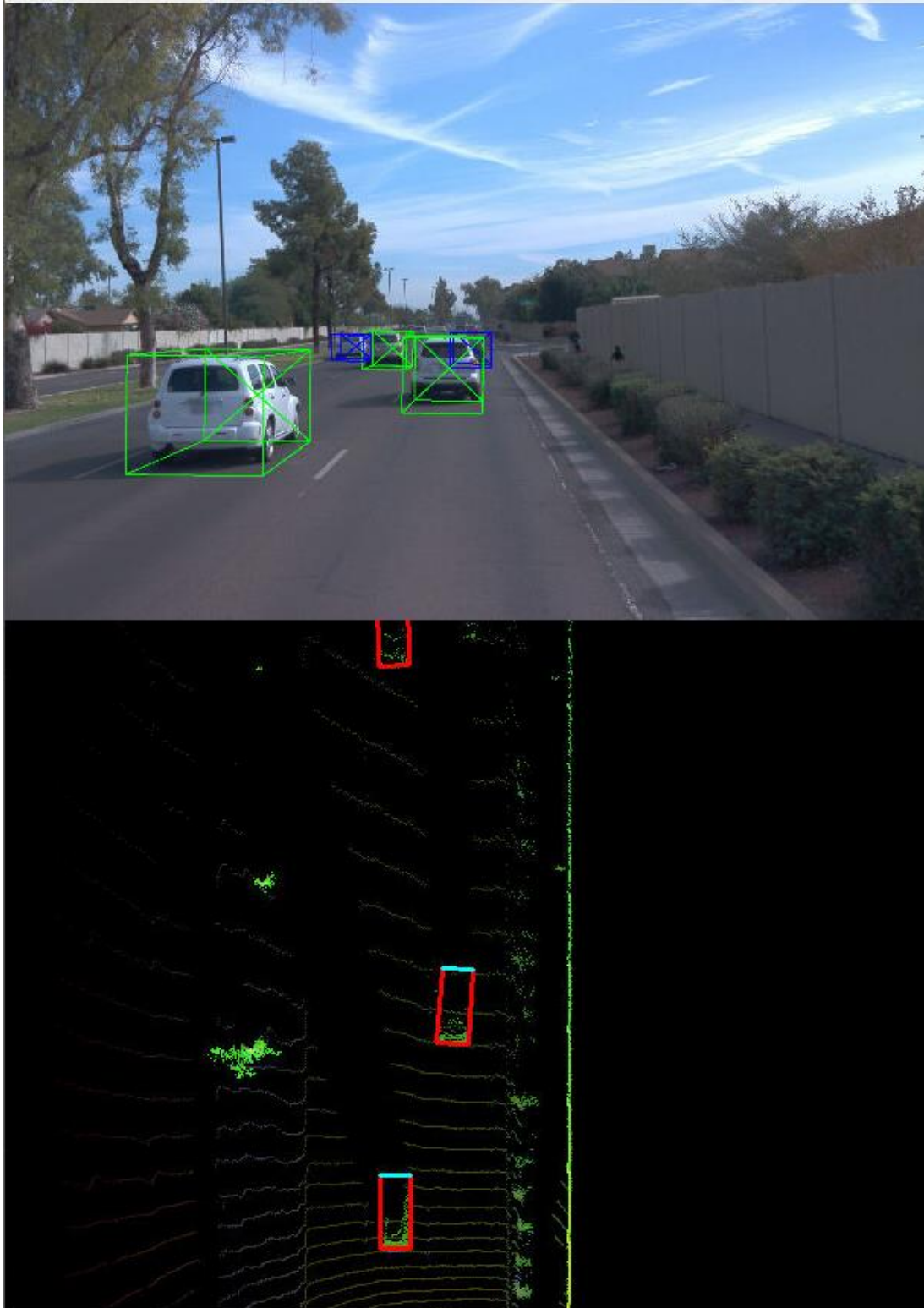


ID\_S2\_EX3:

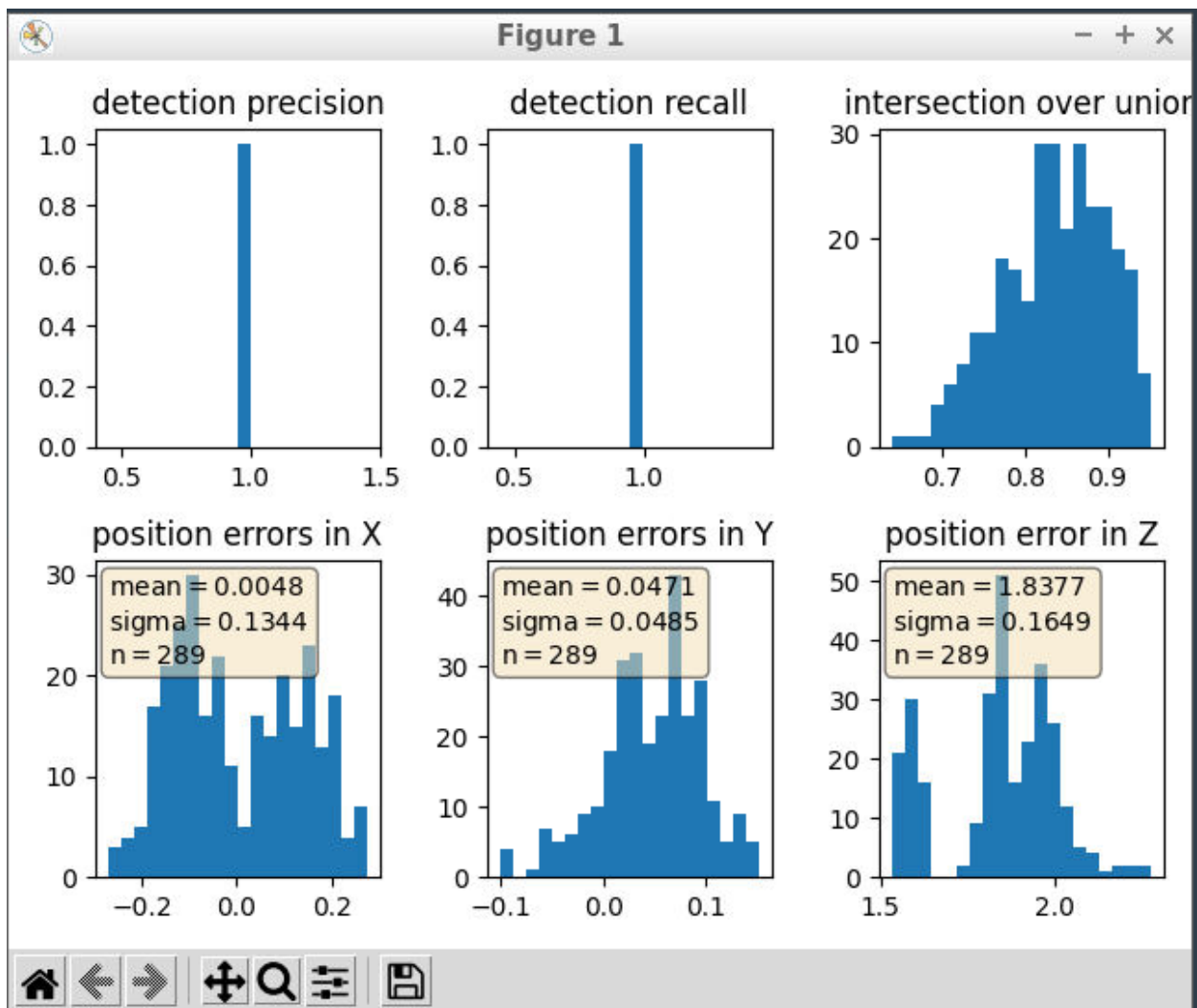
Height layer from BEV map



ID\_S3\_EX2:



ID\_S4\_EX3:



```
student task ID_S2_EX3
detecting objects in lidar pointcloud
student task ID_S3_EX2
validating object labels
measuring detection performance
student task ID_S4_EX1
student task ID_S4_EX1
student task ID_S4_EX1
student task ID_S4_EX2
reached end of selected frames
student task ID_S4_EX3
precision = 0.9506578947368421, recall = 0.9444444444444444
```

