**Background & Motivation**
- In deep learning, the bias of dataset can have critical effect on the final performance of the model.
- KITTI has been considered as a typical standard trustworthy dataset and is widely used.
- In this work, the robustness of the dataset is evaluated with both SSD Mobilenet v1 coco (SSD) and Faster R-CNN (ResNet101 coco) and a new Berkeley DeepDrive (BDD) dataset is used for analysis.

**Training Process**
- SSD Mobilenet
- Faster R-CNN (BDD only)

**Test Results**
- SSD Mobilenet
- Faster R-CNN

**Examples**
- Training Set
  - KITTI
  - BDD
- Test Set
  - BDD
  - Apollo

**Bias Categories**
- Weather
  - Clear
  - Partly cloud
  - Over cast
  - Rainy
  - Snowy
  - Foggy
- Scene
  - Residential
  - Highway
  - City street
  - Parking lot
  - Gas station
  - Tunnel
  - Day/Even/Noon
- Time