## ssd

## April 9, 2019

# 1 Single Shot Multibox Detection (SSD)

```
In [1]: %matplotlib inline
import d21
from mxnet import autograd, contrib, gluon, image, init, nd
from mxnet.gluon import loss as gloss, nn
import time
```

#### 1.1 Model

## 1.1.1 Category Prediction Layer

### 1.1.2 Sanity Test

## 1.1.3 Concatenating Predictions for Multiple Scales