Model Selection Traffic Light Detector

Image	mobilenet_v1_coco_2017_11_17	lite_mobilenet_v2_coco	mobilenet_v2_coco_2018_03_29	Computation
1	not detected	not correct	not correct	
2	not detected	correct	not correct	
3	correct	correct	correct	
4	not detected	not detected	not correct	2 more correct
5	correct	correct	correct	
6	not detected	correct	not correct	
7	correct	correct	correct	
8	correct	correct	correct	
9	correct	correct	correct	
10	correct	correct	correct	

				Ratio
1	0	0	0	
2	0	0.12	0	
3	0.1	0.07	0.09	0.70
4	0	0	0	
5	0	0.16	0.2	
6	0	0.13	0	
7	0.08	0.05	0.07	0.63
8	0.1	0.08	0.1	0.80
9	0.35	0.27	0.3	0.77
10	0.14	0.11	0.13	0.79

For this samples ssdlite_mobilenet_v2_coco.pb outperformed both
ssd_mobilenet_v1_coco_2017_11_17.pb and
ssd_mobilenet_v2_coco_2018_03_29.pb
For computational performance and classification correctness both 20% better.

Tensorflow Model Zoo
https://github.com/tensorflow/models/
Blob/master/research/object_detection/g3doc/detection_model_zoo.md