

Methods	Object Detection (AP)			Orientation (AOS)		
	Easy	Moderate	Hard	Easy	Moderate	Hard
Car						
RPN +Our det. net (unshared)	89.29	82.58	70.12	87.70	80.47	67.83
RPN +Our det. net (shared)	87.67	82.21	70.10	86.58	80.27	67.90
Ours (unshared)	95.77	86.64	74.07	94.55	85.03	72.21
Pedestrian						
RPN +Our det. net (unshared)	83.07	69.32	63.46	71.43	58.67	53.58
RPN +Our det. net (shared)	82.73	68.28	62.30	70.31	56.94	51.87
Ours (unshared)	86.43	69.95	64.03	73.91	58.91	53.79
Cyclist						
RPN +Our det. net (unshared)	69.23	54.83	51.41	61.25	46.44	43.07
RPN +Our det. net (shared)	71.24	56.69	52.91	63.21	48.68	45.16
Ours (unshared)	74.92	59.13	55.03	65.79	50.46	46.57