	Object Detection (AP)			Orientation (AOS)		
Methods	Easy	Moderate	Hard	Easy	Moderate	Hard
Car						
RPN +	82.91	77.83	66.25	N/A	N/A	N/A
Our RPN +	95.14	85.20	72.12	N/A	N/A	N/A
Ours w/o Pose	94.66	84.94	72.43	N/A	N/A	N/A
Ours w/o Extra	95.51	86.29	73.68	94.26	84.69	71.80
Ours Full	**95.77**	**86.64**	**74.07**	**94.55**	**85.03**	**72.21**
Pedestrian						
RPN +	83.31	68.39	62.56	N/A	N/A	N/A
Our RPN +	85.96	68.55	62.55	N/A	N/A	N/A
Ours w/o Pose	83.22	67.61	62.03	N/A	N/A	N/A
Ours w/o Extra	84.86	68.87	63.09	**74.05**	**59.06**	**54.05**
Ours Full	**86.43**	**69.95**	**64.03**	73.91	58.91	53.79
Cyclist						
RPN +	56.36	46.36	42.77	N/A	N/A	N/A
Our RPN +	71.00	55.88	51.72	N/A	N/A	N/A
Ours w/o Pose	71.12	57.52	53.77	N/A	N/A	N/A
Ours w/o Extra	71.23	55.56	51.61	61.89	47.30	43.69
Ours Full	**74.92**	**59.13**	**55.03**	**65.79**	**50.46**	**46.57**