Methods	aero	bicycle	boat	bus	car	chair	table	mbike	sofa	train	monito...
Joint Object Detection and Pose Estimation (4 View AVP)											
VDPM	34.6	41.7	1.5	26.1	20.2	6.8	3.1	30.4	5.1	10.7	34.7
DPM-VOC+VP	37.4	43.9	0.3	48.6	36.9	6.1	2.1	31.8	11.8	11.1	32.2
RCNN+Alex	54.0	50.5	15.1	57.1	41.8	15.7	18.6	50.8	28.4	46.1	58.2
VpKps	63.1	59.4	23.0	69.8	**55.2**	**25.1**	24.3	61.1	**43.8**	59.4	55.4
Ours Share 300	63.6	54.7	25.0	67.7	47.3	10.8	38.5	59.4	41.8	65.0	55.8
Ours Share 500	**64.6**	**62.1**	**26.8**	**70.0**	51.4	11.3	**40.7**	**62.7**	40.6	**65.9**	**61.2**
Joint Object Detection and Pose Estimation (8 View AVP)											
VDPM	23.4	36.5	1.0	35.5	23.5	5.8	3.6	25.1	12.5	10.9	27.4
DPM-VOC+VP	28.6	40.3	0.2	38.0	36.6	9.4	2.6	32.0	11.0	9.8	28.6
RCNN+Alex	44.5	41.1	10.1	48.0	36.6	13.7	15.1	39.9	26.8	39.1	46.5
VpKps	57.5	54.8	18.9	59.4	**51.5**	**24.7**	20.5	**59.5**	**43.7**	53.3	45.6
Ours Share 300	57.6	50.8	**20.9**	58.4	43.1	9.1	34.2	52.3	37.2	55.6	46.7
Ours Share 500	**58.6**	**56.4**	19.9	**62.4**	45.2	10.6	**34.7**	58.6	38.8	**61.2**	**49.7**
Joint Object Detection and Pose Estimation (16 View AVP)											
VDPM	15.4	18.4	0.5	46.9	18.1	6.0	2.2	16.1	10.0	22.1	16.3
DPM-VOC+VP	15.9	22.9	0.3	49.0	29.6	6.1	2.3	16.7	7.1	20.2	19.9
RCNN+Alex	27.5	25.8	6.5	45.8	29.7	8.5	12.0	31.4	17.7	29.7	31.4
VpKps	**46.6**	**42.0**	12.7	**64.6**	**42.7**	**20.8**	18.5	38.8	**33.5**	42.5	32.9
Ours Share 300	45.4	33.4	13.7	52.9	32.9	5.3	**27.2**	38.8	27.3	37.4	**36.2**
Ours Share 500	45.9	39.6	**14.0**	54.0	35.4	7.4	26.4	**40.4**	29.2	41.5	35.8
Joint Object Detection and Pose Estimation (24 View AVP)											
VDPM	8.0	14.3	0.3	39.2	13.7	4.4	3.6	10.1	8.2	20.0	11.2
DPM-VOC+VP	9.7	16.7	2.2	42.1	24.6	4.2	2.1	10.5	4.1	20.7	12.9
RCNN+Alex	21.5	22.0	4.1	38.6	25.5	7.4	11.0	24.4	15.0	28.0	19.8
VpKps	**37.0**	**33.4**	10.0	54.1	**40.0**	**17.5**	19.9	**34.3**	**28.9**	43.9	22.7
Ours Share 300	35.7	23.6	**10.8**	51.7	33.8	6.2	**23.6**	26.9	20.4	**46.9**	**25.3**
Ours Share 500	33.4	29.4	9.2	**54.7**	35.7	5.5	22.9	30.3	27.5	44.1	24.3