Method	AP	AP_{50}	AP_{75}	AP_M	AP_L	AR	AR_{50}	AR_{75}	AR_M	AR_L	time (s)
Top-down methods											
DP-cascade (Res50) [1]	51.6	83.9	55.2	41.9	53.4	60.4	88.9	65.3	43.3	61.6	0.583
DP-cascade (Res50)+masks [1]	52.8	85.5	56.1	40.3	54.6	62.0	89.7	67.0	42.4	63.3	-
DP-cascade (Res50)+keypoints [1]	55.8	87.5	61.2	48.4	57.1	63.9	91.0	69.7	50.3	64.8	-
Parsing (Res50) [54]	55.0	87.6	59.8	50.6	56.6	-	-	-	-	-	0.392
Parsing (Res50)+keypoints [54]	58.3	90.1	66.9	51.8	61.9	-	-	-	-	-	-
Parsing (ResNeXt101) [54]	59.1	91.0	66.9	51.8	61.9	-	-	-	-	-	-
Parsing (ResNeXt101)+keypoints [54]	61.6	91.6	72.3	54.8	64.8	-	-	-	-	-	-
SimPose (Res50)* [57]	57.3	88.4	67.3	60.1	59.3	66.4	95.1	77.8	62.4	66.7	-
AMA-Net (Res50) [13]	64.1	91.4	72.9	59.3	65.3	71.6	94.7	79.8	61.3	72.3	-
KTN (Res50) [48]	66.5	91.5	75.5	61.9	68.0	74.2	95.2	82.3	**64.2**	**74.9**	0.518
DP R-CNN DeepLab (Res50) [32]	66.8	92.8	**79.7**	60.7	68.0	72.1	95.8	82.9	62.2	72.4	0.242
DP R-CNN DeepLab (Res101) [32]	**67.7**	**93.5**	**79.7**	**62.6**	**69.1**	**73.6**	**96.5**	**84.7**	**64.2**	74.2	0.382
Direct methods											
Ours (Res50)	64.0	92.4	76.0	57.2	65.7	70.9	96.4	82.4	59.9	71.6	**0.209**