

Pose Proposal Networks

(Supplementary Material)

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1 Ablation Experiments

The hyper parameters described in § 4.2 were observed using basic coarse-to-fine searches that improved the accuracy; further, (H', W') was traversed in [5, 17], as depicted in Table 6.

Table 6. ResNet-18-based model evaluation for varying (H', W') based on the MPII Multi-Person validation set.

(H', W')	Head	Shoulder	Elbow	Wrist	Hip	Knee	Ankle	mAP
(5, 5)	91.8	90.1	77.7	66.9	73.6	55.1	45.6	71.5
(9, 9)	92.8	90.7	78.8	66.9	77.0	63.5	58.4	75.5
(13, 13)	93.3	91.1	77.7	66.6	75.2	61.1	57.7	74.7
(17, 17)	92.6	89.4	76.6	65.1	75.0	60.7	54.9	73.5