

Person/Face Model Evaluation

- **Face detection result**

Model	Input Size	WiderFace, easy	WiderFace, medium	WiderFace, hard
Intel	320x544	83.87%	77.24%	40.32%
AICS	320x544	86.37%	79.60%	43.49%

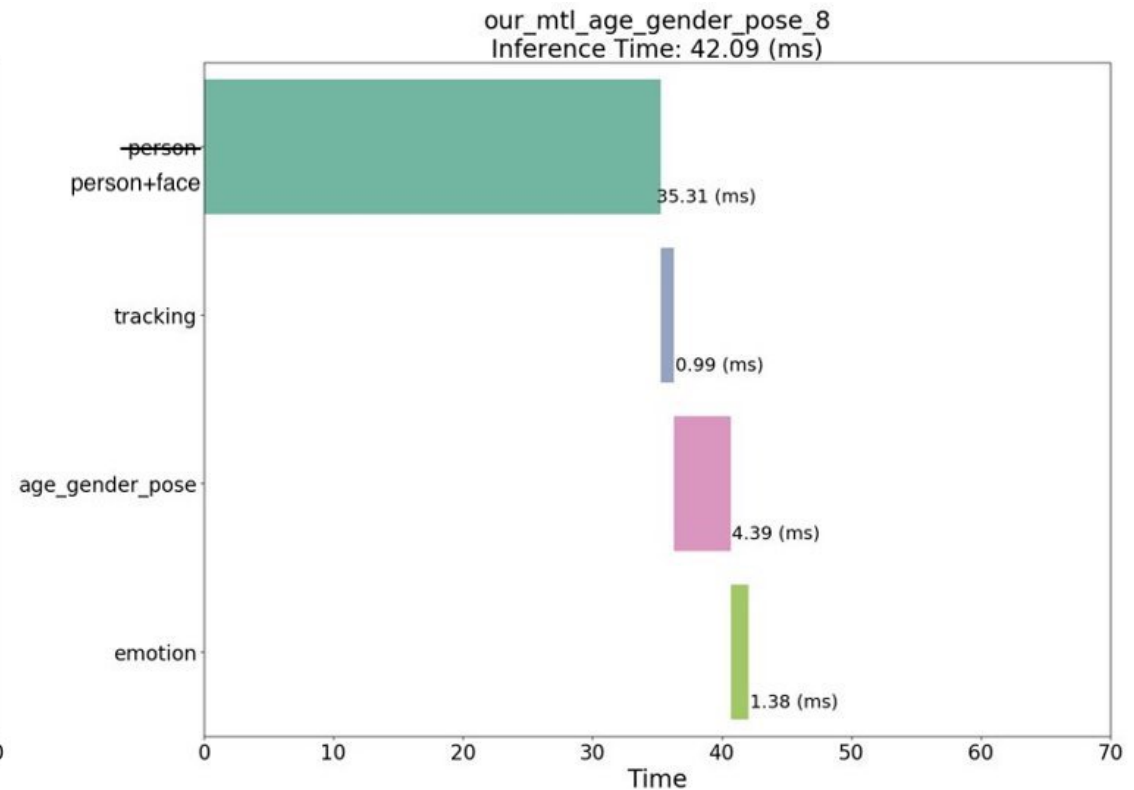
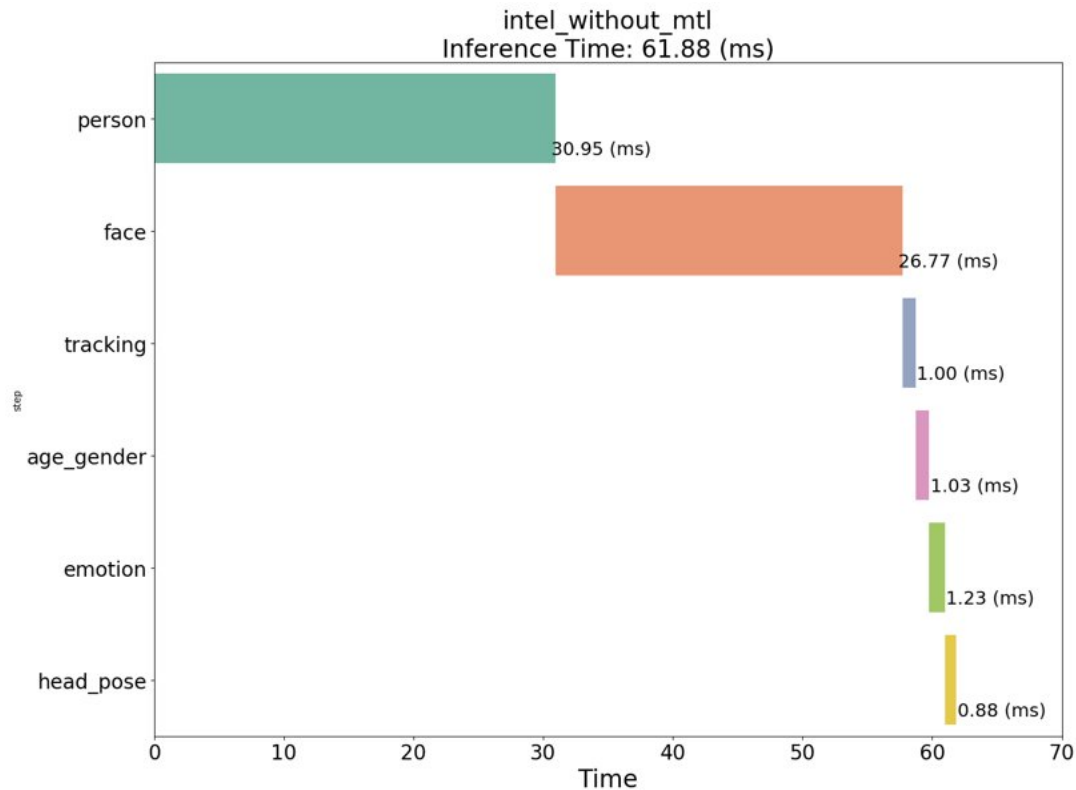
* Evaluation on WIDER_FACE validation dataset (3226 images)

- **Person detection results**

Model	Input Size	Person- AP [IoU=0.5]	Person - AP [IoU=0.5:0.95]
Intel	320x544	45.5%	21.0%
AICS	320x544	58.0%	29.9%

* Evaluation on COCO validation dataset (2693 images)

Inference Time Improvement



- Our MTL model reduced 38.8% person + face inference time.
 - Original: 57.72 (ms)
 - MTL: 35.31 (ms)