

f (mm)	MOTA \uparrow	IDF1 \uparrow
20	75.2	78.1
35	77.6	80.1
50	78.4	81.2
75	75.2	79.4
100	74.2	77.8
200	73.4	75.2
300	71.9	74.5

Table 1. Results of different f values on the MOT17 validation set.

A. Focal Length

As the MOT benchmarks do not provide the camera intrinsic matrix, the focal length f for each video sequence is unknown. We have tried several common (35mm equivalent) focal lengths [1] for values used from wide-angle lenses (20mm) to telephoto lenses ($> 100\text{mm}$). The results are shown in Table 1.

References

- [1] L.D. StroebeI. *View Camera Technique*. Focal Press, 1999. 1