

Type	Method	AUC@3°	AUC@5°	AUC@10°
Detector-Based	SIFT+NN + COLMAP <small>CVPR'16</small>	24.87	34.47	45.94
	SIFT + NN + PixSfM <small>ICCV'21</small>	26.45	35.73	47.24
	D2Net + NN + PixSfM <small>ICCV'21</small>	10.27	13.12	17.25
	R2D2 + NN + PixSfM <small>ICCV'21</small>	32.44	42.55	55.01
	SP + SG + PixSfM <small>ICCV'21</small>	46.30	58.43	71.62
Detector-Free	LoFTR + PixSfM <small>ICCV'21</small>	44.06	56.16	69.61
	LoFTR + DF-SfM <small>CVPR'24</small>	46.55	58.74	72.19
	AspanTrans. + DF-SfM <small>CVPR'24</small>	46.79	59.01	72.50
	MatchFormer + DF-SfM <small>CVPR'24</small>	45.83	57.88	71.22
Dense Matching	DKM + Dense-SfM <small>CVPR'25</small>	<u>48.65</u>	<u>61.09</u>	74.37
	RoMa + Dense-SfM <small>CVPR'25</small>	48.48	60.79	73.90
Deep-based	VGG-SfM <small>CVPR'24</small>	45.23	58.89	73.92
	VGGT <small>CVPR'25</small>	39.23	52.74	71.26
	VGGT + BA <small>CVPR'25</small>	66.37	75.16	84.91
Point-Based	Mast3r-SfM <small>3DV'25</small>	42.26	54.53	67.97
	Dense-SfM + Mast3r-SfM <small>3DV'25</small>	44.98	57.09	70.09
MDE	MBA (Ours)	47.29	60.37	<u>74.59</u>

Caption: Structure-from-Motion on IMC2021 dataset in AUC metric. We are comparable or better than Dense-SfM, DF-SfM, Mast3r-SfM, PixSfM, VGG-SfM and VGGT without BA.