

| Type | Method | AUC@3° | AUC@5° | AUC@10° |
|----------------|--|--------------|--------------|--------------|
| Detector-Based | SIFT+NN + COLMAP _{CVPR'16} | 24.87 | 34.47 | 45.94 |
| | SIFT + NN + PixSfM _{ICCV'21} | 26.45 | 35.73 | 47.24 |
| | D2Net + NN + PixSfM _{ICCV'21} | 10.27 | 13.12 | 17.25 |
| | R2D2 + NN + PixSfM _{ICCV'21} | 32.44 | 42.55 | 55.01 |
| | SP + SG + PixSfM _{ICCV'21} | 46.30 | 58.43 | 71.62 |
| Detector-Free | LoFTR + PixSfM _{ICCV'21} | 44.06 | 56.16 | 69.61 |
| | LoFTR + DF-SfM _{CVPR'24} | 46.55 | 58.74 | 72.19 |
| | AspanTrans. + DF-SfM _{CVPR'24} | 46.79 | 59.01 | 72.50 |
| | MatchFormer + DF-SfM _{CVPR'24} | 45.83 | 57.88 | 71.22 |
| Dense Matching | DKM + Dense-SfM _{CVPR'25} | <u>48.65</u> | <u>61.09</u> | 74.37 |
| | RoMa + Dense-SfM _{CVPR'25} | 48.48 | 60.79 | 73.90 |
| Deep-based | VGG-SfM _{CVPR'24} | 45.23 | 58.89 | 73.92 |
| | VG GT _{CVPR'25} | 39.23 | 52.74 | 71.26 |
| | VG GT + BA _{CVPR'25} | 66.37 | 75.16 | 84.91 |
| Point-Based | Mast3r-SfM _{3DV'25} | 42.26 | 54.53 | 67.97 |
| | Dense-SfM + Mast3r-SfM _{3DV'25} | 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 VG GT without BA.