| Pipeline | RANSAC | ${f MegaDepth}$ | | | | | | | | | | | ScanNet | | | | | | | | | | |
|---------------------|----------|-----------------|-----------|--------|----------------|-----------------|-----------------|-----------------------------------|----------------|-----------------|-----------------|-------------------------------------|----------|-----------|--------|----------------|-----------------|---------------|-----------------------------------|----------------|-----------------|-----------------|-----------------------------------|
| | th. (px) | Filtered | Precision | Recall | $AUC_{@5}^{F}$ | $AUC_{@10}^{F}$ | $AUC_{@20}^{F}$ | $\mathrm{AUC}_{\measuredangle}^F$ | $AUC_{@5}^{E}$ | $AUC_{@10}^{E}$ | $AUC_{@20}^{E}$ | $\mathrm{AUC}_{\measuredangle}^{E}$ | Filtered | Precision | Recall | $AUC_{@5}^{F}$ | $AUC_{@10}^{F}$ | $AUC_{@20}^F$ | $\mathrm{AUC}^F_{\measuredangle}$ | $AUC_{@5}^{E}$ | $AUC_{@10}^{E}$ | $AUC_{@20}^{E}$ | $\mathrm{AUC}_{\measuredangle}^E$ |
| uperPoint+LightGlue | - | 0.00 | 88.68 | 99.92 | 31.77 | 48.46 | 64.67 | 48.30 | 44.97 | 62.39 | 76.56 | 61.31 | 0.00 | 68.96 | 94.64 | 6.74 | 16.38 | 29.65 | 17.59 | 17.16 | 34.10 | 50.78 | 34.01 |
| +DegenSAC | 0.50 | 62.07 | 95.45 | 42.24 | 33.75 | 49.55 | 65.37 | 49.55 | 44.89 | 63.04 | 76.91 | 61.61 | 56.15 | 71.68 | 42.72 | 10.47 | 22.98 | 38.05 | 23.83 | 16.18 | 31.96 | 48.22 | 32.12 |
| + " | 0.75 | 49.60 | 94.88 | 55.44 | 36.80 | 53.00 | 68.67 | 52.83 | 46.50 | 64.12 | 77.70 | 62.77 | 45.54 | 71.64 | 53.74 | 11.21 | 24.30 | 38.73 | 24.75 | 17.21 | 33.29 | 49.72 | 33.41 |
| + " | 1.00 | 39.95 | 94.14 | 65.11 | 39.16 | 55.68 | 70.64 | 55.16 | 46.30 | 63.90 | 77.52 | 62.57 | 37.15 | 71.39 | 61.68 | 11.19 | 24.72 | 40.41 | 25.44 | 17.34 | 34.00 | 50.38 | 33.91 |
| + " | 3.00 | 6.66 | 89.91 | 94.75 | 36.19 | 53.06 | 68.94 | 52.73 | 45.04 | 62.71 | 76.49 | 61.41 | 10.98 | 70.30 | 87.85 | 10.97 | 24.13 | 39.23 | 24.78 | 17.17 | 34.31 | 51.00 | 34.16 |
| + " | 5.00 | 1.27 | 89.15 | 99.28 | 34.49 | 51.77 | 67.66 | 51.31 | 45.12 | 62.82 | 76.79 | 61.58 | 6.25 | 69.60 | 91.85 | 9.76 | 21.71 | 36.41 | 22.63 | 16.40 | 33.99 | 51.07 | 33.82 |
| +MAGSAC | 0.50 | 60.53 | 96.11 | 44.55 | 38.81 | 55.99 | 71.16 | 55.32 | 47.60 | 65.22 | 78.62 | 63.81 | 56.91 | 71.52 | 42.05 | 11.69 | 25.52 | 40.90 | 26.03 | 17.95 | 34.48 | 50.74 | 34.39 |
| + " | 0.75 | 45.47 | 95.27 | 60.49 | 38.72 | 55.81 | 71.08 | 55.20 | 47.70 | 65.40 | 78.87 | 63.99 | 43.60 | 71.60 | 55.64 | 11.64 | 25.15 | 40.56 | 25.78 | 17.57 | 34.33 | 50.90 | 34.26 |
| + " | 1.00 | 33.96 | 94.36 | 71.98 | 37.69 | 54.68 | 70.37 | 54.25 | 47.95 | 65.19 | 78.66 | 63.93 | 33.95 | 71.44 | 65.38 | 11.90 | 25.31 | 40.56 | 25.92 | 17.84 | 35.08 | 51.96 | 34.96 |
| + " | 3.00 | 3.07 | 89.85 | 98.32 | 34.89 | 51.34 | 67.51 | 51.25 | 44.99 | 63.02 | 77.11 | 61.71 | 10.99 | 70.49 | 87.99 | 11.12 | 23.70 | 38.89 | 24.57 | 17.38 | 34.34 | 50.84 | 34.19 |
| + " | 5.00 | 0.58 | 89.01 | 99.76 | 33.58 | 50.51 | 66.48 | 50.19 | 44.68 | 62.71 | 76.77 | 61.39 | 7.05 | 69.95 | 91.37 | 10.30 | 22.82 | 38.07 | 23.73 | 16.50 | 33.61 | 50.48 | 33.53 |
| +PoseLib | 0.50 | 59.18 | 95.39 | 45.47 | 31.26 | 47.21 | 62.83 | 47.10 | 43.51 | 61.22 | 75.29 | 60.01 | 53.67 | 71.45 | 45.19 | 8.52 | 20.59 | 35.25 | 21.45 | 15.53 | 31.38 | 47.52 | 31.48 |
| + " | 0.75 | 44.88 | 94.94 | 60.77 | 34.97 | 51.44 | 66.91 | 51.11 | 45.03 | 62.62 | 76.62 | 61.42 | 42.19 | 71.46 | 56.79 | 10.72 | 23.83 | 37.92 | 24.16 | 16.44 | 32.10 | 48.28 | 32.27 |
| + " | 1.00 | 33.59 | 94.24 | 72.23 | 37.97 | 54.65 | 69.40 | 54.01 | 46.48 | 64.09 | 77.73 | 62.77 | 33.32 | 71.42 | 65.77 | 11.20 | 24.53 | 39.16 | 24.96 | 17.32 | 33.23 | 49.24 | 33.26 |
| + " | 3.00 | 2.68 | 89.81 | 98.66 | 37.40 | 54.48 | 69.96 | 53.94 | 44.58 | 62.52 | 76.51 | 61.20 | 9.27 | 70.43 | 89.68 | 11.33 | 24.95 | 40.20 | 25.49 | 16.86 | 34.04 | 50.89 | 33.93 |
| + " | 5.00 | 0.43 | 88.96 | 99.85 | 34.46 | 51.66 | 67.46 | 51.19 | 44.92 | 62.53 | 76.67 | 61.38 | 5.60 | 69.73 | 92.61 | 10.19 | 22.57 | 37.65 | 23.47 | 16.80 | 34.12 | 51.15 | 34.02 |

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