

| Pipeline       | RANSAC<br>th. (px) | MegaDepth    |              |              |                  |                  | ScanNet      |              |              |                  |                  |
|----------------|--------------------|--------------|--------------|--------------|------------------|------------------|--------------|--------------|--------------|------------------|------------------|
|                |                    | Filtered     | Precision    | Recall       | $AUC_{\angle}^F$ | $AUC_{\angle}^E$ | Filtered     | Precision    | Recall       | $AUC_{\angle}^F$ | $AUC_{\angle}^E$ |
| DISK+LightGlue | –                  | 0.00         | 92.27        | <b>99.93</b> | 58.29            | 64.43            | 0.00         | 63.40        | <b>89.68</b> | 12.05            | <b>25.36</b>     |
| +DegenSAC      | 0.50               | <b>52.23</b> | <b>96.71</b> | 50.89        | 59.42            | 63.90            | <b>57.59</b> | <b>64.52</b> | 39.75        | 17.66            | 22.82            |
| + "            | 0.75               | 37.81        | 95.99        | 65.41        | 62.52            | 64.35            | 47.68        | <b>64.54</b> | 49.69        | 18.39            | 24.59            |
| + "            | 1.00               | 27.68        | 95.28        | 75.17        | 62.77            | 64.42            | 40.06        | 64.34        | 57.36        | 18.50            | 24.84            |
| + "            | 3.00               | 2.93         | 92.84        | <b>97.68</b> | 62.07            | 64.00            | 17.14        | 63.37        | <b>80.24</b> | 17.60            | 24.55            |
| + "            | 5.00               | 0.77         | 92.54        | <b>99.51</b> | 60.98            | 64.21            | 13.49        | 62.81        | <b>83.13</b> | 15.81            | <b>25.48</b>     |
| +MAGSAC        | 0.50               | <b>48.00</b> | <b>96.99</b> | 55.71        | 62.76            | <b>65.34</b>     | <b>57.15</b> | <b>64.43</b> | 39.88        | <b>19.32</b>     | 24.67            |
| + "            | 0.75               | 31.11        | 96.11        | 72.70        | <b>62.79</b>     | <b>65.49</b>     | 45.49        | 64.39        | 51.64        | 18.70            | 24.14            |
| + "            | 1.00               | 20.24        | 95.35        | 83.13        | <b>63.24</b>     | <b>65.26</b>     | 37.10        | 64.25        | 60.06        | <b>18.86</b>     | <b>25.88</b>     |
| + "            | 3.00               | 1.32         | 92.81        | <b>99.26</b> | 61.30            | 63.79            | 17.06        | 63.52        | <b>80.28</b> | 17.57            | 24.79            |
| + "            | 5.00               | 0.51         | 92.52        | <b>99.74</b> | 61.13            | 64.57            | 14.00        | 63.03        | <b>82.78</b> | 15.99            | 25.23            |
| +PoseLib       | 0.50               | <b>47.26</b> | <b>96.75</b> | 56.30        | 58.75            | 63.59            | <b>54.82</b> | 64.32        | 41.81        | 16.98            | 22.61            |
| + "            | 0.75               | 30.58        | 96.07        | 73.24        | 61.60            | 64.73            | 44.06        | 64.32        | 52.75        | 17.96            | 23.54            |
| + "            | 1.00               | 19.85        | 95.32        | 83.54        | <b>63.80</b>     | 64.93            | 35.92        | 64.28        | 61.05        | <b>19.03</b>     | 24.36            |
| + "            | 3.00               | 1.18         | 92.79        | <b>99.38</b> | 62.18            | 63.58            | 15.25        | 63.33        | <b>81.52</b> | 18.19            | 25.27            |
| + "            | 5.00               | 0.39         | 92.47        | <b>99.78</b> | 61.22            | 64.37            | 12.42        | 62.80        | <b>83.73</b> | 16.17            | 25.10            |