

| Pipeline | MegaDepth | | | | | ScanNet | | | | |
|--------------------------------|-----------|-----------|--------|-------------------------------|-------------------------------|----------|-----------|--------|-------------------------------|-------------------------------|
| | Filtered | Precision | Recall | AUC _F ² | AUC _F ² | Filtered | Precision | Recall | AUC _F ² | AUC _F ² |
| LoFTR | 0.00 | 82.40 | 99.91 | 16.91 | 58.06 | 0.00 | 58.34 | 98.98 | 2.40 | 35.86 |
| | 41.83 | 90.63 | 64.87 | 54.77 | 62.81 | 49.41 | 69.51 | 59.31 | 29.91 | 35.73 |
| | 49.95 | 91.26 | 55.98 | 56.58 | 63.34 | 56.65 | 69.71 | 50.83 | 30.25 | 35.75 |
| +ACNe | 40.97 | 85.89 | 61.97 | 26.55 | 44.02 | 49.95 | 65.47 | 56.42 | 7.38 | 27.40 |
| | 61.99 | 90.45 | 42.30 | 36.84 | 50.21 | 66.79 | 69.64 | 39.29 | 17.54 | 27.64 |
| | 66.85 | 90.91 | 36.90 | 37.17 | 50.81 | 71.14 | 69.76 | 34.11 | 17.73 | 27.41 |
| +AdaLAM | 0.00 | 82.40 | 99.91 | 16.91 | 58.06 | 0.00 | 58.34 | 98.98 | 2.40 | 35.86 |
| | 41.83 | 90.63 | 64.87 | 54.77 | 62.81 | 49.41 | 69.51 | 59.31 | 29.91 | 35.73 |
| | 49.95 | 91.26 | 55.98 | 56.58 | 63.34 | 56.65 | 69.71 | 50.83 | 30.25 | 35.75 |
| +CC | 18.34 | 85.01 | 85.19 | 37.09 | 49.44 | 26.88 | 66.68 | 80.52 | 13.56 | 31.23 |
| | 48.65 | 89.91 | 57.16 | 45.43 | 55.68 | 54.47 | 70.28 | 53.30 | 25.56 | 31.35 |
| | 55.29 | 90.33 | 49.81 | 45.74 | 56.56 | 60.66 | 70.45 | 46.03 | 26.10 | 31.28 |
| +CLNet | 19.13 | 85.53 | 83.93 | 21.70 | 46.95 | 51.42 | 67.62 | 55.61 | 4.30 | 24.93 |
| | 49.63 | 90.58 | 55.92 | 33.78 | 52.58 | 64.95 | 69.98 | 40.85 | 12.67 | 23.47 |
| | 56.29 | 91.00 | 48.60 | 34.88 | 53.89 | 69.55 | 69.99 | 35.47 | 12.48 | 24.43 |
| +ConvMatch | 75.20 | 86.04 | 26.58 | 20.11 | 30.32 | 77.09 | 66.48 | 29.34 | 7.07 | 17.33 |
| | 82.71 | 87.93 | 19.30 | 22.50 | 31.35 | 83.54 | 66.45 | 21.30 | 9.24 | 17.51 |
| | 84.99 | 88.26 | 16.79 | 22.83 | 32.56 | 85.51 | 66.57 | 18.65 | 9.60 | 18.09 |
| +DeMatch | 62.49 | 86.41 | 39.80 | 22.79 | 34.28 | 65.85 | 67.01 | 40.07 | 6.43 | 20.89 |
| | 74.48 | 89.62 | 28.25 | 26.81 | 37.30 | 75.38 | 69.06 | 29.19 | 10.66 | 20.68 |
| | 77.70 | 90.01 | 24.75 | 26.24 | 38.76 | 78.48 | 69.04 | 25.43 | 11.31 | 19.97 |
| +FC-GNN | 20.40 | 93.24 | 98.95 | 40.81 | 66.88 | 36.09 | 68.03 | 72.71 | 11.48 | 34.22 |
| | 29.38 | 95.40 | 90.88 | 64.73 | 68.07 | 50.54 | 71.64 | 58.72 | 28.94 | 34.33 |
| | 33.13 | 95.64 | 86.40 | 65.23 | 67.19 | 55.10 | 71.73 | 53.29 | 29.19 | 34.04 |
| +GMS | 16.19 | 82.66 | 85.96 | 36.70 | 54.23 | 39.37 | 65.91 | 67.10 | 11.42 | 30.81 |
| | 49.64 | 87.99 | 56.04 | 51.36 | 59.35 | 59.27 | 68.76 | 47.14 | 26.46 | 31.25 |
| | 56.39 | 88.44 | 48.60 | 52.32 | 59.71 | 64.82 | 68.75 | 40.65 | 25.66 | 31.18 |
| +MS ² DG-Net | 79.50 | 84.40 | 21.66 | 9.56 | 27.93 | 70.79 | 66.04 | 34.25 | 1.47 | 18.20 |
| | 86.63 | 88.34 | 15.04 | 26.57 | 31.73 | 80.99 | 70.57 | 23.48 | 13.17 | 18.98 |
| | 88.26 | 88.78 | 13.25 | 27.16 | 31.86 | 83.23 | 70.68 | 20.62 | 12.78 | 18.60 |
| +NCC | 0.00 | 71.37 | 90.26 | 14.94 | 51.72 | 0.00 | 52.74 | 93.47 | 2.17 | 30.04 |
| | 49.39 | 87.76 | 59.93 | 41.92 | 52.10 | 62.87 | 67.90 | 43.10 | 22.55 | 30.68 |
| | 55.79 | 88.36 | 53.14 | 41.92 | 52.66 | 68.45 | 68.04 | 36.68 | 23.45 | 30.69 |
| +NCMNet | 17.51 | 85.84 | 85.88 | 19.56 | 47.77 | 48.58 | 67.55 | 58.79 | 6.77 | 26.97 |
| | 48.55 | 90.71 | 57.16 | 34.37 | 53.70 | 62.72 | 69.67 | 43.39 | 15.36 | 26.68 |
| | 55.35 | 91.20 | 49.71 | 35.81 | 53.03 | 67.59 | 69.74 | 37.69 | 15.46 | 25.76 |
| +OANet | 85.61 | 86.40 | 15.33 | 13.07 | 23.33 | 84.22 | 64.90 | 17.77 | 4.33 | 13.52 |
| | 89.62 | 88.89 | 11.43 | 16.31 | 25.69 | 87.82 | 66.56 | 14.08 | 7.08 | 12.54 |
| | 90.86 | 89.12 | 10.07 | 16.58 | 26.36 | 89.10 | 66.58 | 12.50 | 6.98 | 11.89 |
| +MOP _{0.5K} +MiHo | 1.34 | 83.02 | 99.71 | 22.96 | 58.48 | 9.20 | 60.44 | 94.53 | 3.65 | 34.76 |
| | 41.94 | 90.75 | 64.93 | 55.80 | 63.11 | 49.84 | 69.82 | 58.74 | 29.22 | 34.94 |
| | 49.95 | 91.28 | 56.08 | 56.23 | 64.35 | 56.96 | 69.95 | 50.33 | 29.56 | 36.39 |
| +MOP _{0.5K} +MiHo+NCC | 1.34 | 81.45 | 112.83 | 20.24 | 68.23 | 9.20 | 56.09 | 90.35 | 3.30 | 34.36 |
| | 33.52 | 95.49 | 91.90 | 57.59 | 66.31 | 58.60 | 69.12 | 48.86 | 27.52 | 35.31 |
| | 38.51 | 96.09 | 86.29 | 60.02 | 67.12 | 63.85 | 69.27 | 42.74 | 27.38 | 34.53 |
| +MOP _{1.0K} +MiHo | 1.31 | 82.99 | 99.67 | 22.70 | 57.97 | 8.66 | 60.29 | 94.86 | 3.74 | 35.51 |
| | 41.96 | 90.72 | 64.82 | 54.73 | 63.13 | 49.73 | 69.82 | 59.02 | 29.58 | 35.34 |
| | 49.96 | 91.29 | 56.08 | 56.31 | 63.14 | 56.92 | 69.94 | 50.45 | 29.50 | 36.61 |
| +MOP _{1.0K} +MiHo+NCC | 1.31 | 81.42 | 112.97 | 20.29 | 66.24 | 8.66 | 56.00 | 90.59 | 3.38 | 34.61 |
| | 33.52 | 95.48 | 92.13 | 59.05 | 66.68 | 58.49 | 69.28 | 48.95 | 27.51 | 35.63 |
| | 38.55 | 96.01 | 86.01 | 60.47 | 66.77 | 63.75 | 69.48 | 42.79 | 28.17 | 34.86 |
| +MOP _{1.5K} +MiHo | 1.24 | 82.96 | 99.73 | 22.90 | 56.75 | 8.34 | 60.23 | 95.20 | 3.66 | 34.85 |
| | 41.89 | 90.77 | 64.94 | 55.92 | 63.92 | 49.65 | 69.70 | 59.12 | 29.81 | 35.84 |
| | 49.94 | 91.29 | 56.07 | 56.32 | 63.78 | 56.89 | 69.91 | 50.62 | 29.92 | 35.58 |
| +MOP _{1.5K} +MiHo+NCC | 1.24 | 81.38 | 113.19 | 20.21 | 67.00 | 8.34 | 55.94 | 90.83 | 3.27 | 34.57 |
| | 33.48 | 95.49 | 92.76 | 59.27 | 67.55 | 58.41 | 69.23 | 49.29 | 26.54 | 34.43 |
| | 38.51 | 96.06 | 86.60 | 59.93 | 66.71 | 63.78 | 69.44 | 42.88 | 27.45 | 34.92 |
| +MOP _{2.0K} +MiHo | 1.26 | 82.97 | 99.80 | 22.70 | 57.46 | 8.21 | 60.25 | 95.02 | 3.67 | 35.06 |
| | 41.92 | 90.72 | 64.90 | 55.26 | 64.08 | 49.65 | 69.79 | 59.19 | 29.34 | 35.51 |
| | 49.98 | 91.26 | 56.04 | 56.41 | 64.37 | 56.86 | 69.92 | 50.59 | 29.96 | 35.56 |
| +MOP _{2.0K} +MiHo+NCC | 1.26 | 81.37 | 112.72 | 20.12 | 66.98 | 8.21 | 55.96 | 90.79 | 3.25 | 35.00 |
| | 33.53 | 95.45 | 91.72 | 57.76 | 66.30 | 58.49 | 69.02 | 48.53 | 27.02 | 34.79 |
| | 38.55 | 96.00 | 85.81 | 59.86 | 67.15 | 63.79 | 69.22 | 42.32 | 27.62 | 34.73 |
| +MOP _{0.5K} | 2.75 | 83.81 | 99.27 | 28.05 | 58.44 | 17.33 | 62.82 | 89.36 | 5.32 | 35.23 |
| | 42.03 | 90.83 | 64.81 | 55.28 | 63.59 | 51.02 | 70.32 | 58.17 | 29.32 | 35.35 |
| | 50.02 | 91.41 | 56.07 | 56.71 | 63.72 | 57.98 | 70.49 | 49.80 | 29.58 | 35.38 |
| +MOP _{0.5K} +NCC | 2.75 | 81.75 | 109.03 | 24.41 | 66.45 | 17.33 | 58.04 | 84.54 | 4.99 | 32.88 |
| | 34.16 | 95.35 | 89.20 | 57.97 | 66.59 | 60.17 | 69.34 | 47.26 | 26.38 | 34.61 |
| | 39.12 | 95.91 | 83.34 | 60.00 | 66.51 | 65.28 | 69.59 | 41.25 | 26.69 | 33.58 |
| +MOP _{1.0K} | 2.68 | 83.78 | 99.30 | 27.00 | 57.45 | 16.64 | 62.33 | 89.54 | 5.24 | 34.92 |
| | 42.00 | 90.80 | 64.88 | 56.09 | 64.49 | 50.90 | 69.86 | 57.81 | 28.78 | 35.11 |
| | 49.98 | 91.32 | 56.08 | 56.38 | 63.85 | 57.84 | 70.12 | 49.68 | 28.82 | 34.80 |
| +MOP _{1.0K} +NCC | 2.68 | 81.70 | 109.03 | 23.29 | 66.65 | 16.64 | 57.68 | 85.08 | 5.03 | 33.35 |
| | 34.19 | 95.32 | 89.00 | 57.88 | 66.55 | 60.11 | 69.30 | 47.21 | 26.59 | 34.60 |
| | 39.14 | 95.91 | 83.36 | 60.20 | 67.28 | 65.15 | 69.49 | 41.26 | 26.66 | 33.69 |
| +MOP _{1.5K} | 2.61 | 83.74 | 99.25 | 27.53 | 57.17 | 16.44 | 62.47 | 90.04 | 5.47 | 35.47 |
| | 42.02 | 90.79 | 64.77 | 54.91 | 63.20 | 50.81 | 70.00 | 58.00 | 29.37 | 34.87 |
| | 50.00 | 91.35 | 56.01 | 55.64 | 63.51 | 57.82 | 70.26 | 49.92 | 29.34 | 35.13 |
| +MOP _{1.5K} +NCC | 2.61 | 81.67 | 109.09 | 23.65 | 66.51 | 16.44 | 57.80 | 85.55 | 5.37 | 34.58 |
| | 34.15 | 95.31 | 88.93 | 58.61 | 67.13 | 60.02 | 69.55 | 47.62 | 26.99 | 34.81 |
| | 39.10 | 95.88 | 83.28 | 60.05 | 66.60 | 65.21 | 69.70 | 41.57 | 26.80 | 33.86 |
| +MOP _{2.0K} | 2.56 | 83.71 | 99.28 | 27.01 | 58.16 | 16.18 | 62.45 | 90.24 | 5.52 | 35.64 |
| | 42.00 | 90.80 | 64.82 | 55.32 | 63.48 | 50.76 | 70.05 | 58.04 | 29.74 | 35.65 |
| | 50.00 | 91.35 | 56.07 | 55.76 | 63.01 | 57.72 | 70.26 | 49.87 | 30.31 | 35.12 |
| +MOP _{2.0K} +NCC | 2.56 | 81.64 | 109.13 | 23.71 | 66.19 | 16.18 | 57.74 | 85.59 | 4.98 | 33.48 |
| | 34.19 | 95.28 | 88.74 | 57.85 | 66.55 | 59.92 | 69.55 | 47.92 | 26.54 | 33.58 |
| | 39.15 | 95.85 | 83.19 | 59.62 | 66.66 | 65.06 | 69.57 | 41.66 | 26.58 | 33.31 |