			MegaDept	h				ScanNet				P	lanar				IN	AC PhotoTo	ourism		
Pipeline	Filtered	Precision	Recall	${\rm AUC}^F_{\mathbb{Z}}$	${\rm AUC}_{\mathbb{Z}}^E$	Filtered	Precision	Recall	${\rm AUC}_{\measuredangle}^F$	${\rm AUC}_{\mathbb{Z}}^{E}$	Filtered	Precision	Recall	AUC_{\square}^H	Filtered	Precision	Recall	${\rm AUC}^F_{\mathbb{Z}}$	${\rm AUC}_{\mathbb{Z}}^{E}$	AUC_{\square}^F	AUC_{\square}^E
$\begin{array}{l} \mathrm{DeDoDe2} \\ + \mathrm{MAGSAC}_{\uparrow} \\ + \mathrm{MAGSAC}_{\downarrow} \end{array}$	0.00 41.97 47.33	68.13 92.08 92.72	99.99 79.43 72.49	1.45 54.70 56.12	65.52 65.19 65.46	0.00 55.42 60.83	45.81 57.43 56.95	99.20 50.08 42.74	0.50 18.48 18.46	23.80 25.67 24.58	0.00 63.94 73.76	61.15 81.71 82.57	94.22 47.91 35.35	26.95 51.41 48.55	0.00 44.09 49.71	65.00 89.64 90.16	100.00 77.33 69.92	1.43 48.58 49.95	69.75 67.23 66.57	0.90 26.70 27.57	39.93 38.01 37.42
$\begin{array}{l} + \mathrm{ACNe} \\ + \mathrm{MAGSAC}_\uparrow \\ + \mathrm{MAGSAC}_\downarrow \end{array}$	36.27 49.19 53.54	88.65 94.44 94.95	83.77 71.22 65.44	26.57 53.89 54.19	61.72 61.19 61.38	50.15 64.63 68.48	55.36 58.01 57.87	56.91 39.69 34.39	6.76 15.23 15.34	22.56 21.99 21.91	42.86 69.64 77.33	72.71 80.53 81.00	69.10 40.75 30.81	42.09 46.35 43.98	41.83 53.27 57.32	88.89 94.17 94.61	80.26 68.12 62.43	23.27 51.49 52.12	65.59 64.96 64.89	8.50 25.80 26.14	33.92 33.65 33.50
$\begin{array}{l} + A da LAM \\ + MAGSAC_{\uparrow} \\ + MAGSAC_{\downarrow} \end{array}$	0.00 41.97 47.33	68.13 92.08 92.72	99.99 79.43 72.49	1.45 54.70 56.12	65.52 65.19 65.46	0.00 55.42 60.83	45.81 57.43 56.95	99.20 50.08 42.74	0.50 18.48 18.46	23.80 25.67 24.58	0.00 63.94 73.76	61.15 81.71 82.57	94.22 47.91 35.35	26.95 51.41 48.55	0.00 44.09 49.71	65.00 89.64 90.16	100.00 77.33 69.92	1.43 48.58 49.95	69.75 67.23 66.57	0.90 26.70 27.57	39.93 38.01 37.42
+CC +MAGSAC↑ +MAGSAC↓	28.94 44.82 49.51	87.92 94.39 94.96	91.15 76.46 70.37	27.05 61.62 62.45	64.50 64.99 63.95	31.95 58.93 63.58	51.89 56.31 55.80	74.22 45.47 39.06	1.99 16.02 15.92	21.95 22.32 22.09	15.48 63.88 73.53	70.75 82.26 82.68	91.78 48.52 35.89	52.78 51.98 48.41	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a
+CLNet +MAGSAC↑ +MAGSAC↓	37.67 50.61 54.82	86.80 92.63 93.19	79.56 67.22 61.88	9.05 45.63 46.37	58.42	60.14 71.32 74.61	60.30 62.43 62.36	50.42 36.05 31.47	2.27 9.66 10.16	19.43 18.89 18.21	34.27 65.91 74.93	72.80 80.23 80.75	79.12 45.16 33.74	49.27 50.09 47.09	43.20 54.97 58.98	87.73 93.15 93.58	77.00 64.44 58.93	11.72 44.47 44.92	62.85 62.10 61.95	3.67 21.98 22.32	32.06 31.62 31.60
+ConvMatch +MAGSAC↑ +MAGSAC↓	65.98 72.17 74.50	85.97 88.24 88.65	50.05 42.96 39.55	25.37 37.62 38.05		67.44 76.91 79.63	64.24 65.59 65.62	46.67 32.28 27.98	8.78 13.13 12.76	20.49 21.21 20.42	78.52 88.64 91.15	68.37 73.33 73.92	31.49 18.48 14.83	24.83 28.68 27.85	61.92 69.21 71.94	89.17 92.45 92.85	58.11 48.89 44.66	29.81 42.64 43.15	57.49 57.31 57.44	10.40 17.88 18.24	26.31 26.16 26.39
+DeMatch +MAGSAC↑ +MAGSAC↓	51.58 60.86 64.13	93.17 93.66	65.18 55.48 51.05	25.71 43.23 44.58	55.29	62.96 73.43 76.48	61.26 63.02 63.05	48.90 33.97 29.51	5.93 11.25 11.40	20.56 20.06 20.15	63.15 79.35 84.09	73.22 80.49 81.05	46.84 28.83 22.44	37.89 40.20 37.50	54.50 63.47 66.70	88.96 93.60 94.03	65.11 54.64 49.94	27.37 45.13 45.51	60.98 60.41 60.40	10.51 21.40 21.65	29.96 29.52 29.64
+MAGSAC↑ +MAGSAC↓ +GMS	35.70 42.00 43.61 35.28	88.47 95.01 95.28 84.67	84.89 81.14 79.07	5.81 62.33 63.77 20.52	67.65 66.52 66.86	46.24 62.27 64.99	55.08 62.71 62.61 52.34	63.54 48.62 44.75	1.46 21.20 21.76	28.24 27.65 28.17	31.79 52.83 61.19 35.76	73.66 81.42 81.30 71.53	84.25 61.91 51.32 74.96	42.00 54.72 51.79 43.60	39.90 46.79 48.43 41.39	86.27 93.21 93.47 84.78	80.50 76.07 73.85	7.35 56.34 57.23 15.59	70.72 69.54 69.30	3.69 32.72 33.33 6.55	41.18 40.13 39.72 36.27
+MAGSAC↑ +MAGSAC↓ +MS²DG-Net	50.03 54.28 72.45	92.41 92.94 83.39	66.79 61.47 37.19	60.34 60.70	63.82 63.26 47.41	61.27 65.71 70.63	56.99 56.36 54.46	43.25 37.11 34.68	16.42 16.26	21.47 21.84	67.33 76.02	80.63 80.97 66.53	42.77 31.60 27.37	48.08 45.53	55.34 59.31 71.35	92.37 92.79 80.62	62.59 57.27 38.93	52.85 53.34 0.81	64.45 64.15 48.92	29.57 29.83 0.39	35.61 35.25 21.26
+MAGSAC↑ +MAGSAC↓ +NCMNet	79.49 81.11	91.85 92.37 87.89	31.19 28.85 81.66	44.19 44.85 8.97	46.00 46.90 58.90	81.00 82.81 60.19	57.11 56.63 61.93	21.56 18.89 52.13	7.08 7.30	12.00 11.74 21.60	88.92 91.34 32.51	77.26 78.02	16.02 12.52 80.82	30.00 27.83 49.74	78.81 80.56 41.67	88.87 89.25 89.05	32.30 29.69 80.63	35.14 36.13	48.26 47.95	14.38 15.12 4.23	21.04 20.88 32.30
$+ \text{MAGSAC}_{\uparrow} \\ + \text{MAGSAC}_{\downarrow} \\ + \text{OANet}$	49.86 54.12 71.66	93.73 94.22 87.93	69.12 63.57 38.28	47.03 47.67	58.91	71.50 74.98 79.95	64.25 64.17 49.08	37.63 32.65 19.35	12.21 12.17 2.15	20.63 21.07	64.81 74.28 80.47	80.00 80.16 71.27	46.39 34.18 25.80	50.52 47.16	53.57 57.68 74.87	94.10 94.54 88.18	67.48 61.71 36.17	44.75 45.03 12.63	62.73 62.61 51.54	21.47 21.74 3.46	31.54 31.66 22.58
+MAGSAC _↑ +MAGSAC _↓ +MOP	76.92 78.79 16.42	92.92 93.36 78.18	32.98 30.42 97.59	35.82 36.47 3.24	47.97 48.33 66.52	83.90 85.16	49.99 49.90 49.21	14.59 12.90 93.08	5.35 5.42 0.93	9.75 9.62 24.28	88.91 91.40 21.44	79.18 79.88 67.83	15.73 12.17 89.58	33.77 32.30 38.81	79.38 81.10	92.73 93.11 76.35	31.02 28.50 97.24	33.43 33.90 4.81	50.90 50.58 69.97	13.61 13.82 2.41	22.20 21.94 39.89
+MAGSAC _↑ +MAGSAC _↓ +MOP+MiHo	42.39 47.61 9.62	93.44 94.06 73.39	79.74 72.90 99.19	57.82 59.56 2.13	65.85 65.59 67.04	56.17 61.37 7.12	57.89 57.29 47.60	49.94 42.67 96.29	18.39 18.45 0.68	24.92 24.60 23.79	63.99 73.90 16.32	81.74 82.56 65.17	48.69 35.85 90.76	52.27 49.14 32.89	45.01 50.38 10.71	91.13 91.64 71.24	77.20 69.99 98.92	51.89 53.09 2.66	67.93 67.40 70.07	29.28 30.05	38.28 37.90 40.06
+MAGSAC↑ +MAGSAC↓ +MOP+MiHo+NCC	42.13 47.44 9.62	92.63 93.33 70.48	79.61 72.79 95.46	55.86 57.01 2.09	65.73 65.23 66.60	55.72 61.01 7.12	57.49 57.22 46.70	50.10 42.99 95.96	18.17 18.76	25.71 24.74 24.90	63.87 73.61 16.32	82.06 82.50 66.94	48.71 35.81 94.16	52.10 48.52 33.79	44.41 49.93 10.71	90.30 90.82 67.47	77.44 70.09 93.40	50.29 51.49 2.62	67.55 66.77 68.67	28.08 29.02	38.03 37.76 38.41
+MAGSAC↑ +MAGSAC↓ +MOP+NCC	44.22 47.70 16.42	93.50 94.09 74.90	77.88 73.43 93.56	53.33 54.87 3.10	65.29 65.36 66.17	54.59 58.65 13.11	57.63 57.38 48.28	51.95 46.31 92.56	17.94 18.43 0.94	25.60 25.42 24.74	49.00 56.93 21.44	81.65 81.94 69.47	69.58 59.11 93.37	57.49 55.14 39.47	48.35 52.07 17.97	90.38 90.97 72.11	72.00 67.20 91.57	45.20 46.63 4.65	65.99 65.42 68.81	23.62 24.76 2.35	36.50 35.83 38.73
+MAGSAC↑ +MAGSAC↓ +NCC	44.54 47.93 0.00	94.04 94.61 60.30	77.47 73.15 84.56	54.87 56.25 1.46	65.89 65.25 56.43	54.76 58.71 0.00	58.05 57.93 44.38	52.20 46.82 97.96	18.71 19.07 0.49	26.16 25.94 22.53	49.06 57.12 0.00	82.31 82.68 51.93	69.97 59.30 75.56	57.67 54.63 22.24	48.81 52.33 0.00	91.09 91.62 56.21	71.76 67.14 84.22	46.46 47.60 1.43	66.24 65.88 54.78	24.54 25.38 0.90	36.87 36.48 28.45
+MAGSAC _↑ +MAGSAC _↓	53.04 57.69	85.66 86.30	59.07 53.65	43.24 44.17	54.60 54.23	56.40 60.89	56.51 56.18	48.34 42.43	16.32 16.43	23.57 22.46	73.00 79.52	79.77 80.12	34.05 25.94	46.36 43.82	58.08 63.02	83.29 83.78	53.56 47.56	34.16 34.84	52.71 51.88	16.55 17.14	27.86 27.40