	Filtered	Precision	MegaDept Recall	h AUC <sup>F</sup>	AUC <sup>E</sup>	Filtered	Precision	ScanNet	AUC <sup>F</sup>	AUC <sup>E</sup>
Pipeline SIFT+NNR	0.00	53.92	99.99	0.35	62.26	0.00	24.83	99.19	0.19	20.35
+MAGSAC↑	50.73	93.13	85.12	45.61	62.26 62.72	78.54	24.83 55.20	46.06	14.99	20.35
$+MAGSAC_{\downarrow}$	54.16	93.72	79.31	47.75	63.00	81.20	55.13	40.06	15.17	22.63
+ACNe +MAGSAC↑	47.62 53.26	92.54 96.38	90.85 83.41	29.48 54.91	63.59 63.86	67.86 80.20	55.02 60.44	70.85 47.25	13.02	26.47
+MAGSAC <sub>1</sub> +MAGSAC <sub>2</sub>	56.21	96.38 96.80	78.33	54.91 55.34	63.86	82.44	60.44	41.59	19.08	25.58
+AdaLAM	82.56	93.44	27.42	16.50	53.65	92.54	53.27	15.01	3.30	14.31
$+MAGSAC_{\uparrow}$	83.62	92.29	26.13	47.05	52.08	94.09	46.65	12.11	10.93	13.03
+MAGSAC <sub>↓</sub>	84.22	92.53	25.25	46.95	51.47	94.54	46.67	11.21	11.47	14.29
+CC +MAGSAC <sub>0</sub>	45.92 53.76	92.27	89.48 80.73	25.42 52.41	60.63 60.91	40.75 81.65	51.34 58.58	<b>80.93</b> 40.46	5.42 12.44	19.45 19.38
$+MAGSAC_{\downarrow}$	56.71	96.66	75.81	53.00	60.19	83.72	58.57	35.76	12.61	19.54
+CLNet	48.44	91.36	88.00	8.85	58.89	77.43	57.74	52.39	3.14	20.32
+MAGSAC <sub>↑</sub> +MAGSAC <sub>↓</sub>	55.27	96.13 96.62	79.18	42.74	56.79	83.73	60.98	39.26	11.47	19.80
+ConvMatch	58.21 56.91	90.02	74.21	43.62 29.07	58.14 58.00	85.55 69.76	60.69 56.68	34.66 69.88	11.33 8.34	20.02
+MAGSAC↑	62.34	93.59	71.70	47.06	58.42	81.19	61.67	46.43	18.11	24.66
$+MAGSAC_{\downarrow}$	64.73	93.97	67.25	47.39	58.44	83.33	61.60	41.06	18.21	24.31
+DeMatch +MAGSAC+	52.50	91.49	83.88	26.32	59.27	70.29	55.68	67.41	6.71	23.05
+MAGSAC <sub>↓</sub>	58.50 61.09	96.01 96.46	75.48 70.94	44.59 45.61	58.71 59.30	81.68 83.77	60.69 60.63	44.51 39.21	15.48 15.91	23.47
+FC-GNN	50.09	95.31	85.43	26.50	64.33	79.85	63.72	47.64	11.26	24.89
$+MAGSAC_{\uparrow}$	51.75	97.09	83.75	60.65	63.81	81.73	64.92	43.67	20.28	25.09
$+MAGSAC_{\downarrow}$	52.51	97.20	82.43	60.59	63.60	82.55	64.99	41.70	20.08	25.40
+GMS +MAGSAC <sub>a</sub>	57.35 62.35	86.98 88.86	65.58 59.80	12.77 48.45	52.31 51.12	87.17 89.96	51.99 47.93	25.55 20.55	3.88 8.34	11.40 11.22
$+MAGSAC_{\downarrow}$	64.63	89.16	56.37	48.45	52.63	90.91	47.93	18.62	8.04	11.19
+MS <sup>2</sup> DG-Net	65.89	81.13	57.55	0.96	52.62	68.23	43.13	57.12	0.33	19.33
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\bot}$	72.85	91.36	51.69	42.98	51.08	85.37	56.58	35.26 31.24	12.56	19.69
+NCC	74.45	91.80 53.09	48.72 97.88	43.24 0.35	51.88	86.90 0.00	56.47 24.54	31.24 100.29	12.40 0.19	18.68
+MAGSAC+	51.39	92.48	82.89	42.60	61.79	78.72	54.97	46.19	13.97	22.88
$+MAGSAC_{\downarrow}$	54.41	93.13	77.91	43.80	60.68	81.20	55.11	40.69	14.24	22.25
+NCMNet +MAGSACa	48.02	91.08	88.31	10.57	59.61	76.49	57.99	54.06	5.27	21.51
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	55.02 57.95	95.86 96.28	79.26 74.26	44.48 45.07	58.22 58.21	82.91 84.77	61.02 60.88	40.65 36.13	12.11 12.38	21.30 20.22
+OANet	66.72	94.73	63.21	27.15	55.18	80.63	60.42	50.20	10.98	22.82
$+MAGSAC_{\uparrow}$	69.12	96.60	59.31	40.77	54.42	85.12	62.45	38.62	15.72	24.07
+MAGSAC <sub>↓</sub>	70.83	97.01	56.17	41.43	55.66	86.61	62.49	34.55	15.55	22.55
+MOP <sub>0.5K</sub> +MiHo +MAGSAC <sub>0</sub>	40.99 51.61	86.84 95.60	94.39	5.46	65.81 64.66	62.61 80.23	46.07 59.20	70.76 46.63	1.29	24.90 24.23
$+MAGSAC_{\downarrow}$	54.72	96.05	79.18	57.43	64.09	82.56	59.21	40.95	18.56	24.65
$+MOP_{0.5K}+MiHo+NCC$	40.99	85.87	93.44	5.18	63.05	62.61	45.76	71.09	1.35	24.36
+MAGSAC <sub>↑</sub> +MAGSAC <sub>↓</sub>	51.03	95.40	84.84	54.48	63.74	79.50	59.10	48.24	18.34	24.39
+MOP <sub>1.0K</sub> +MiHo	53.07	95.77	81.34	55.08 5.19	63.50	81.41 61.10	58.98 45.38	43.43 72.75	18.00	24.11
+MAGSAC <sub>↑</sub>	51.49	85.97 95.62	95.16 84.83	56.15	64.64	79.98	59.21	47.36	17.45	24.07
$+MAGSAC_{\downarrow}$	54.65	96.14	79.59	57.53	64.21	82.35	59.21	41.59	18.30	23.85
+MOP <sub>1.0K</sub> +MiHo+NCC +MAGSAC+	40.16	85.09	94.29	4.91	64.96	61.10	45.13	73.14	1.12	25.21
+MAGSAC <sub>↑</sub> +MAGSAC <sub>↓</sub>	50.83 52.90	95.62 95.97	85.64 82.06	54.72 56.52	63.50 63.14	79.26 81.13	59.22 59.47	48.92 44.49	18.27 18.46	24.44 24.79
+MOP <sub>1.5.6</sub> +MiHo	39.76	85.77	95.68	4.84	66.03	60.17	45.06	73.89	1.20	25.68
+MAGSAC <sub>↑</sub>	51.47	95.75	85.12	54.77	65.60	79.86	59.66	47.81	19.30	25.97
+MAGSAC <sub>↓</sub>	54.62	96.25	79.91	56.47	64.59	82.20	59.75	42.19	19.56	25.72
+MAGSAC.	39.76 50.80	84.94 95.65	94.84 85.93	4.52 52.85	64.42 64.58	60.17 79.11	44.79 59.23	74.20 49.10	1.14	24.64 24.73
$+MAGSAC_{\downarrow}$	52.84	96.07	82.40	54.11	63.66	81.00	59.32	44.47	18.54	24.67
+MOP <sub>2.0K</sub> +MiHo	39.47	85.41	95.84	4.02	65.87	59.64	44.60	74.31	1.03	25.16
+MAGSAC <sub>↑</sub> +MAGSAC <sub>↓</sub>	51.37	95.75	85.33	55.48	65.50	79.81	59.57	47.99	17.98	25.30
+MOP <sub>2.0K</sub> +MiHo+NCC	54.55 39.47	96.24 84.57	94.97	3.69	64.29	82.19 59.64	59.62 44.45	42.21 74.87	18.80	24.86 25.82
+MAGSAC <sub>↑</sub>	39.47 50.72	95.64	94.97 86.06	3.69 53.82	65.53 64.05	59.64 79.00	44.45 59.25	74.87 49.46	1.02	25.82 25.29
$+MAGSAC_{\downarrow}$	52.78	96.02	82.51	55.41	64.65	80.92	59.27	44.63	18.17	24.23
+MOP <sub>0.5K</sub>	44.87	89.73	90.19	10.88	61.18	72.05	51.19	58.43	3.04	22.82
+MAGSAC↑ +MAGSAC↓	52.43 55.50	94.47 94.91	81.52 76.53	55.36 56.10	62.90 62.26	82.05 84.15	57.09 57.31	41.38 36.57	16.56 17.31	22.01 22.75
+MOP <sub>0.5K</sub> +NCC	44.87	88.78	89.44	9.53	60.06	72.05	50.76	58.26	2.65	23.35
+MAGSAC <sub>+</sub>	51.85	94.36	82.28	53.96	61.87	81.27	57.14	43.09	16.74	22.59
$+MAGSAC_{\downarrow}$	53.76	94.65	79.05	54.93	61.16	82.85	57.17	39.29	17.20	22.71
+MOP <sub>1.0K</sub> +MAGSAC <sub>4</sub>	44.22 52.13	89.71 94.90	91.54 82.60	10.10	63.68	71.35 81.80	51.58 57.92	60.29	2.80	22.71
+MAGSAC <sub>↓</sub>	52.13 55.26	94.90 95.30	82.60 77.47	56.21 56.02	63.48	83.90	57.92 58.03	42.56 37.59	17.57	23.66
+MOP <sub>1.0K</sub> +NCC	44.22	88.78	90.75	8.95	61.52	71.35	51.13	60.09	2.75	23.74
+MAGSAC <sub>↑</sub>	51.51	94.85	83.39	53.99	63.24	80.97	57.81	44.22	17.20	24.03
+MAGSAC <sub>↓</sub> +MOP <sub>1.5K</sub>	53.47	95.14	80.06	54.44	61.76	82.60	57.91	40.35	17.47	23.84
+MOP <sub>1.5K</sub> +MAGSAC+	43.99	89.85 95.08	92.21 83.20	10.41 56.59	62.70 63.78	71.14 81.66	52.13 58.30	61.15	3.39 17.98	23.87
+MAGSAC <sub>↓</sub>	55.09	95.53	78.10	56.97	63.17	83.80	58.38	38.00	18.42	23.48
$+MOP_{1.5K}+NCC$	43.99	89.00	91.47	9.65	62.36	71.14	51.71	60.94	3.20	23.44
+MAGSAC↑ +MAGSAC↓	51.33	95.07 95.38	84.06	55.00	62.61	80.83	58.39	44.96	17.88	25.00
	53.34		80.66	55.94	63.20	82.52	58.58	40.93	18.00	24.16
$+MOP_{2.0K}$ $+MAGSAC_{\uparrow}$	43.80 51.91	89.72 95.12	92.58 83.51	10.18 56.52	62.33 64.47	70.90 81.58	52.18 58.64	61.58 43.36	3.02 17.76	23.66 23.95
$+MAGSAC_{\downarrow}$	55.00	95.56	78.42	57.81	63.79	83.78	58.68	38.05	18.09	23.49
$+MOP_{2.0K}+NCC$	43.80	88.83	91.80	9.20	63.51	70.90	51.81	61.44	3.09	24.14
+MAGSAC <sub>↑</sub> +MAGSAC	51.28	95.05 95.35	84.28	55.12	63.54	80.73	58.74	45.34	18.33 19.02	24.58
+ mAGGAC‡	53.27	95.35	80.84	55.29	62.39	82.43	58.79	41.20	19.02	24.53