Pipeline	Filtered	Precision	Recall	AUC_{05}^{F}	$AUC_{@10}^{F}$	MegaDeptl AUC_{020}^F	AUC_Z^F	AUC_{0s}^{E}	AUC_{010}^{E}	AUC_{020}^{E}	AUC_Z^E	Filtered	Precision	Recall	AUC_{0s}^{F}	AUC_{010}^F	ScanNet AUC ^F	AUC_{\perp}^{F}	AUC_{0s}^{E}	AUC_{010}^E	$AUC_{0:20}^{E}$	AUC ^E
Loftr +MAGSAC ₁	0.00	82.40	99.91	7.50	15.34	27.88	16.91	42.07	58.95	73.17	58.06	0.00	58.34	98.98	0.32	1.56	5.30	2.40	19.67	35.87	52.04	35.86
+MAGSAC↓ +MAGSAC↓ +ACNe	41.83 49.95 40.97	90.63 91.26 85.89	64.87 55.98 61.97	40.63 42.42 14.29	55.23 57.03 25.09	68.46 70.28 40.27	54.77 56.58 26.55	47.23 47.95 27.01	64.05 64.28 44.27	77.16 77.79 60.77	62.81 63.34 44.02	49.41 56.65 49.95	69.51 69.71	59.31 50.83	15.64 16.19	29.67 29.90 6.08	44.43 44.67	29.91 30.25 7.38	19.59 19.40	35.97 35.76 26.67	51.62 52.10 42.21	35.73 35.75 27.40
+MAGSAC _↓	61.99 66.85	90.45 90.91	42.30 36.90	22.99 23.41	36.19 36.49	51.34 51.61	36.84 37.17	32.48 33.03	50.88 51.43	67.27 67.97	50.21 50.81	66.79 71.14	69.64 69.76	39.29 34.11	6.67 6.90	16.14 16.30	29.81 30.00	17.54 17.73	13.16 12.99	27.09 26.63	42.66 42.62	27.64 27.41
+AdaLAM $+MAGSAC_{\uparrow}$ $+MAGSAC_{\bot}$	0.00 41.83 49.95	82.40 90.63 91.26	99.91 64.87 55.98	7.50 40.63 42.42	15.34 55.23 57.03	27.88 68.46 70.28	16.91 54.77 56.58	42.07 47.23 47.95	58.95 64.05 64.28	73.17 77.16 77.79	58.06 62.81 63.34	0.00 49.41 56.65	58.34 69.51 69.71	98.98 59.31 50.83	0.32 15.64 16.19	1.56 29.67 29.90	5.30 44.43 44.67	2.40 29.91 30.25	19.67 19.59 19.40	35.87 35.97 35.76	52.04 51.62 82.10	35.86 35.73 35.75
+CC +MAGSAC _↑ +MAGSAC	18.34 48.65	85.01 89.91	85.19 57.16	23.27 31.86	36.37 45.44	51.63 59.00	37.09 45.43	33.03 39.38	50.16 56.73	65.13 70.94	49.44 55.68 56.56	26.88 54.47	66.68 70.28	80.52 53.30	4.71 12.76	12.26 25.29	23.71 38.63	13.56 25.56	15.69 16.24	31.37 31.28	46.64 46.54	31.23 31.35
+CLNet +MAGSAC↑	55.29 19.13 49.63	90.33 85.53 90.58	49.81 83.93 55.92	32.42 11.99 21.18	45.67 20.28 32.88	59.13 32.84 47.27	45.74 21.70 33.78	40.71 29.91 35.24	57.24 47.54 53.46	71.74 63.39 69.04	56.56 46.95 52.58	60.66 51.42 64.95	67.62 69.98	46.03 55.61 40.85	13.62 1.08 3.86	3.31 11.41	8.52 22.74	26.10 4.30 12.67	16.12 11.44 10.20	31.21 24.30 22.98	39.04 37.25	31.28 24.93 23.47
+MAGSAC↓ +ConvMatch +MAGSAC⋄	56.29 75.20	91.00 86.04	48.60 26.58	22.03 9.55	34.16 18.48	48.44 32.30	34.88 20.11	36.57 15.13	54.84 29.31	70.25 46.52	53.89 30.32	69.55 77.09 83.54	69.99 66.48	35.47 29.34	3.95 1.50	11.11 5.64	22.38 14.08	12.48 7.07	11.36 5.94	23.86 16.22	38.06 29.84	24.43 17.33
+MAGSAC _↓	82.71 84.99 62.49	87.93 88.26 86.41	19.30 16.79 39.80	11.19 11.17 10.98	21.06 21.67 21.57	35.24 35.66 35.81	22.50 22.83 22.79	16.05 16.19 19.09	30.47 31.46 33.69	47.52 50.03 50.06	31.35 32.56 34.28	83.54 85.51 65.85	66.45 66.57	21.30 18.65 40.07	2.83 3.09	7.93 8.18 4.70	16.96 17.54	9.24 9.60 6.43	6.20 6.69 9.25	16.53 16.98 20.06	29.80 30.60 33.35	17.51 18.09 20.89
+MAGSAC _↓	74.48 77.70	89.62 90.01	28.25 24.75	14.53 14.79	25.24 24.63	40.65 39.32 54.89	26.81 26.24	20.84 21.93	36.92 38.48	54.14 55.88	37.30 38.76	75.38 78.48	69.06 69.04	29.19 25.43	3.52 3.73	9.04 9.88	19.42 20.32	10.66 11.31	8.51 7.81	19.64 19.06	33.89 33.03	20.68 19.97
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	20.40 29.38 33.13	93.24 95.40 95.64	98.95 90.88 86.40	27.30 51.06 51.91	40.22 65.68 66.19	54.89 77.43 77.60	40.81 64.72 65.23	51.71 53.37 51.71	68.33 69.51 68.89	80.60 81.31 80.97	66.88 68.07 67.19	36.09 50.54 55.10	68.03 71.64 71.78	72.71 58.72 53.29	4.56 14.66 15.40	10.44 28.96 29.15	19.43 43.21 43.02	11.48 28.94 29.19	18.46 18.34 18.27	34.62 34.85 34.30	49.58 49.81 49.54	34.22 34.33 34.04
+MAGSAC _↑ +MAGSAC _↓	16.19 49.64 56.39	82.66 87.99 88.44	85.96 56.04 48.60	23.76 37.79 38.72	36.28 51.44 52.63	50.05 64.86 65.61	36.70 51.36 52.32	38.55 44.34 44.54	55.29 60.52 61.01	68.85 73.21 73.59	54.23 59.35 59.71	39.37 59.27 64.82	65.91 68.76 68.75	67.10 47.14 40.65	3.81 13.69 12.86	10.26 26.37 25.42	20.17 39.32 38.71	11.42 26.46 25.66	15.87 16.48 16.73	30.84 31.32 31.29	45.72 45.94 45.52	30.81 31.25 31.18
$+MS^2DG\text{-Net}$ $+MAGSAC_\uparrow$ $+MAGSAC_\bot$	79.50 86.63 88.25	84.40 88.34 88.78	21.66 15.04 13.25	3.56 16.13 16.11	8.21 25.64 26.29	16.93 37.95 39.10	9.56 26.57 27.16	14.67 17.01 18.05	27.10 31.00 31.14	42.02 47.19 46.38	27.93 31.73 31.86	70.79 80.99 83.23	66.04 70.57 70.68	34.25 23.48 20.62	0.36 4.80 4.67	1.09 11.90 11.58	2.97 22.82 22.09	1.47 13.17 12.78	7.34 7.84 7.19	17.12 18.08 17.36	30.14 31.03 31.23	18.20 18.98 18.60
+NCC +MAGSAC† +MAGSACı	0.00 49.39	71.37 87.76	90.26 59.93	5.85 31.24	13.34 41.73	25.63 52.79	14.94 41.92	37.13 37.69	52.20 52.50	65.82 66.10	51.72 52.10	0.00 62.87	52.74 67.90	93.47 43.10	0.31 10.42	1.38 21.76	4.84 35.48	2.17 22.55	14.08 15.60	30.19 30.83	45.86 45.62	30.04 30.68
+NCMNet +MAGSAC _↑	55.79 17.51 48.55	88.36 85.84 90.71	53.14 85.88 57.16	31.18 10.42 21.65	41.68 17.79 33.66	52.90 30.47 47.80	41.92 19.56 34.37	38.53 30.56 36.05	53.17 48.30 54.80	66.30 64.46 70.25	52.66 47.77 53.70	68.45 48.58 62.72	68.04 67.55 69.67	36.68 58.79 43.39	2.14 5.88	5.52 14.32	36.70 12.67 25.87	23.45 6.77 15.36	15.58 12.72 12.90	30.71 26.85 26.35	45.77 41.33 40.80	30.69 26.97 26.68
+MAGSAC↓ +OANet +MAGSAC₄	55.35 85.61	91.20 86.40	49.71 15.33	22.55 5.41	35.20 11.69	49.67 22.11	35.81 13.07	35.59 11.47	53.90 22.04	69.59 36.49	53.03 23.33	67.59 84.22	69.74 64.90	37.69 17.77	6.05 0.98	14.23 3.40	26.10 8.62	15.46 4.33	12.08 5.11	25.39 12.37	39.79 23.09	25.76 13.52
+MAGSAC _↓	89.62 90.86	88.89 89.12	11.43 10.07	8.12 8.08	15.03 15.32	25.77 26.35	16.31 16.58	12.63 13.19	24.58 25.02	39.87 40.86	25.69 26.36	87.82 89.10	66.56 66.58	14.08 12.50	2.01 2.15	5.99 5.87	13.25 12.91	7.08 6.98	4.39 3.73	11.56 10.51	21.68 21.44	12.54 11.89
$+MOP_{0.5K}+MiHo$ $+MAGSAC_{\uparrow}$ $+MAGSAC_{\perp}$	1.34 41.94 49.95	83.02 90.75 91.28	99.71 64.93 56.08	11.51 41.57 42.04	21.60 56.41 56.59	35.76 69.41 70.05	22.96 55.80 56.23	42.60 47.46 49.08	59.65 64.29 65.61	73.19 77.57 78.35	58.48 63.11 64.35	9.20 49.84 56.96	69.44 69.82 69.95	94.53 58.74 50.33	0.79 15.23 15.59	2.73 29.01 29.08	7.41 43.43 44.01	3.65 29.22 29.56	18.12 18.84 20.23	35.27 35.01 36.80	50.88 50.97 52.16	34.76 34.94 36.39
+MOP _{0.5K} +MiHo+NCC +MAGSAC _↑ +MAGSAC _↓	1.34 33.52	81.45 95.49 96.00	112.83 91.90 86.29	9.23 43.99 46.60	18.43 58.09 60.69	33.07 70.69	20.24 57.59 60.02	52.53 49.87	69.92 68.23	82.24 80.82	68.23 66.31	9.20 58.60	56.09 69.12	90.35 48.86	0.76 14.01	2.25 27.56	6.88 40.99	3.30 27.52	18.66 18.85	34.71 35.99	49.73 51.08	34.36 35.31
$+MOP_{1.0K}+MiHo$ $+MAGSAC\uparrow$	38.51 1.31 41.96	82.99 90.72	99.67 64.82	11.35 40.20	21.15 55.07	35.61 68.91	22.70 54.73	41.90 46.73	58.93 64.56	73.07 78.11	57.97 63.13	8.66 49.73	69.27 60.29 69.82	42.74 94.86 59.02	0.71 15.76	2.74 29.24	7.78 43.75	27.38 3.74 29.58	18.45 19.11 18.98	36.01 35.61	51.42 51.44	35.51 35.34
+MOP _{1.0K} +MiHo+NCC +MAGSAC↑	49.96 1.31 33.52	91.29 81.42 95.48	56.08 112.97 92.13	9.08 46.03	56.63 18.53 59.52	70.29 33.26 71.61	56.31 20.29 59.05	47.25 50.06 50.96	68.08 68.24	77.86 80.57 80.83	63.14 66.24 66.68	56.92 8.66 58.49	69.94 56.00 69.28	50.45 90.59 48.95	0.43 13.96	29.03 2.31 27.22	7.41 41.33	3.38 27.51	18.31 19.40	35.23 36.06	52.43 50.27 51.44	36.61 34.61 35.63
+MAGSAC↓ +MOP _{1.5K} +MiHo +MAGSAC⋄	38.55 1.24 41.89	96.01 82.96 90.77	99.73 64.94	47.04 11.71 42.33	61.22 21.56 56.05	73.15 35.42 69.39	22.90 55.92	50.74 40.37 48.21	68.59 57.68 65.22	72.21 78.34	56.75 63.92	8.34 49.65	69.48 60.23 69.70	42.79 95.20 59.12	0.75	28.19 2.69 29.50	7.54 44.07	28.17 3.66 29.81	18.75 17.79 19.26	35.29 35.20 36.25	50.54 51.56 52.02	34.86 34.85 35.84
+MAGSAC↓ +MOP _{1.5K} +MiHo+NCC	49.94 1.24	91.29	56.07 113.19	41.94 9.26	56.67 18.64	70.35 32.73	56.32 20.21	48.09 50.99	64.92 68.71	78.34 81.29	63.78	56.89 8.34	69.91 55.94	50.62 90.83	15.90	29.61	44.27 7.01	29.92 3.27	19.38 18.49	35.73 34.97	51.65 50.26	35.58 34.57
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$ $+MOP_{2.0K}+MiHo$	33.48 38.51 1.26	95.49 96.06 82.97	92.76 86.60 99.80	46.42 46.71 11.45	60.02 60.75 21.34	71.38 72.35 35.31	59.27 59.93 22.70	51.88 50.34 41.73	69.27 68.57	81.49 81.21 72.39	67.55 66.71 57.46	58.41 63.78 8.21	69.23 69.44 60.25	49.29 42.88	13.37 13.74 0.80	26.33 27.39	39.90 41.23 7.51	26.54 27.45 3.67	17.89 18.66	34.83 35.35 36.35	50.56 50.76 52.00	34.43 34.92 35.95
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	41.92 49.98	90.72 91.26	64.90 56.04	41.23 42.01	55.66 57.02	68.90 70.21	55.26 56.41	48.25 49.41	65.49 65.41	78.48 78.30	64.08 64.37	49.65 56.86	69.79 69.92	59.19 50.59	15.43 15.79	28.99 29.59	43.61 44.49	29.34 29.96	19.18 19.03	35.77 35.74	51.58 51.91	35.51 35.56
$+MOP_{2.0K}+MiHo+NCC$ $+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	1.26 33.53 38.55	81.37 95.45 96.00	91.72 85.81	9.11 44.52 46.67	18.54 58.43 60.62	32.71 70.33 72.30	20.12 57.76 59.86	50.88 50.13 51.19	68.80 68.02 68.82	81.27 80.76 81.43	66.98 66.30 67.15	8.21 58.49 63.79	55.96 69.02 69.22	90.79 48.53 42.32	0.57 13.59 13.63	2.28 27.02 27.72	6.89 40.45 41.50	3.25 27.02 27.62	19.41 18.16 18.60	35.38 35.24 35.16	50.22 50.97 50.42	35.00 34.79 34.73
+MOP _{0.5K} +MAGSAC↑ +MAGSAC	2.75 42.03 50.02	83.81 90.83 91.41	99.27 64.81 56.07	15.72 41.18 42.36	26.86 55.40 57.21	41.58 69.26 70.57	28.05 55.28 56.71	42.88 48.50 47.90	59.59 64.64 65.35	72.86 77.62 77.90	58.44 63.59 63.72	17.33 51.02 57.98	62.82 70.32 70.49	89.36 58.17 49.80	1.29 15.36 15.61	3.99 29.02 29.34	10.66 43.60 43.78	5.32 29.32 29.58	18.21 19.48 19.10	35.51 35.44 35.47	51.95 51.13 51.56	35.23 35.35 35.38
$+MOP_{0.5K}+NCC$ $+MAGSAC_{\uparrow}$	2.75 34.16	81.75 95.35	109.03 89.20	12.70 44.86	22.92 58.61	37.62 70.44	24.41 57.97	50.54 50.66	68.18 68.10	80.62 81.02	66.45 66.59	17.33 60.17	58.04 69.34	84.54 47.26	1.25 13.63	3.74 26.16	10.00 39.36	4.99 26.38	16.81 19.21	33.05 34.84	48.78 49.78	32.88 34.61
+MOP _{1.0K} +MAGSAC _↑	39.12 2.68 42.00	95.91 83.78 90.80	99.30 64.88	47.04 14.96 41.95	60.75 25.80 56.34	72.20 40.23 69.97	27.00 56.09	50.39 41.73 48.59	68.20 58.33 66.16	72.29 78.70	66.51 57.45 64.49	65.28 16.64 50.90	69.59 62.33 69.86	41.25 89.54 57.81	13.29 1.09 15.07	26.39 4.04 28.57	40.38 10.60 42.71	26.69 5.24 28.78	17.87 18.64 19.17	33.93 35.16 35.13	48.95 50.96 51.01	33.58 34.92 35.11
$+MOP_{1.0K}+NCC$	49.98 2.68 34.19	91.32 81.70	56.08 109.03 89.00	42.57 11.44 45.37	56.63 21.73 58.38	69.94 36.70 69.89	56.38 23.29 57.88	48.50 50.95 50.37	65.10	77.94 80.68 81.05	63.85	57.84 16.64 60.11	70.12 57.68 69.30	49.68 85.08 47.21	15.27 1.08 13.88	28.55 4.02 26.32	42.66 9.98 39.57	28.82 5.03 26.59	18.41 16.94 18.57	35.21 33.65 34.86	50.76 49.46	34.80 33.35 34.60
+MAGSAC↓ +MOP _{1.5K}	34.19 39.14 2.61	95.32 95.91 83.74	89.00 83.36 99.25	45.37 47.48 15.43	58.38 60.77 26.26	72.36 40.91	57.88 60.20 27.53	50.37 51.72 41.42	68.21 68.96 57.92	81.05 81.15 72.15	66.55 67.28 57.17	65.15 16.44	69.30 69.49 62.47	47.21 41.26 90.04	13.88 13.80	26.32 26.27 4.20	39.57 39.92 11.02	26.59 26.66 5.47	18.57 17.58	34.86 34.02 35.72	50.36 49.47 51.63	33.69 35.47
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$ $+MOP_{1.5K}+NCC$	42.02 50.00 2.61	90.79 91.35 81.67	64.77 56.01	40.95 41.30	54.70 55.86 21.96	69.09 69.74 36.91	54.91 55.64 23.65	47.25 47.96 50.67	64.61 64.84 68.13	77.73 77.74 80.75	63.20 63.51 66.51	50.81 57.82	70.00 70.26 57.80	58.00 49.92 85.55	15.58 15.48 1.13	29.16 29.12 4.09	43.38 43.41 10.89	29.37 29.34 5.37	18.75 19.08 18.23	35.09 35.43 35.07	50.78 50.87 50.43	34.87 35.13 34.58
+MAGSAC↑ +MAGSAC↓	34.15 39.10	95.31 95.88	88.93 83.28	45.29 46.92	59.39 60.65	71.14 72.59	58.61 60.05	51.21 50.44	68.82 68.29	81.35 81.08	67.13 66.60	60.02 65.21	69.55 69.70	47.62 41.57	13.61 13.65	26.88 26.68	40.48 40.08	26.99 26.80	19.47 17.92	34.80 34.10	50.15 49.55	34.81 33.86
$+MOP_{2.0K}$ $+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	2.56 42.00 50.00	83.71 90.80 91.35	99.28 64.82 56.07	14.99 40.99 41.50	25.90 55.48 56.06	40.14 69.48 69.72	27.01 55.32 55.76	42.24 47.78 46.92	59.29 64.73 64.41	72.94 77.92 77.69	58.16 63.48 63.01	16.18 50.76 57.72	62.45 70.05 70.26	90.24 58.04 49.87	1.27 15.75 16.46	4.11 29.61 30.17	11.19 43.87 44.32	5.52 29.74 30.81	19.23 19.22 18.81	35.93 35.99 35.37	51.76 51.74 51.19	35.64 35.65 35.12
+MOP _{2.0K} +NCC +MAGSAC _↑	2.56 34.19	81.64 95.28	109.13 88.74	12.42 44.33	22.16 58.53	36.55 70.69	23.71 57.85	50.47 50.59	67.73 68.28	80.38 80.77	66.19 66.55	16.18 59.92	57.74 69.55	85.59 47.92	0.91 13.21	3.58 26.26	10.46 40.14	4.98 26.54	17.35 17.66	33.83 33.55	49.25 49.54	33.48 33.58
$+MAGSAC_{\downarrow}$	39.15	95.85	83.19	45.99	60.40	72.47	59.62	50.70	68.29	81.01	66.66	65.06	69.57	41.66	13.34	26.46	39.93	26.58	17.34	33.64	48.93	33.31