	MegaDepth							ScanNet				P	lanar		•		IM	IC PhotoTo	ourism		
Pipeline	Filtered	Precision	Recall	$\mathrm{AUC}^F_{\measuredangle}$	$\mathrm{AUC}^E_{\measuredangle}$	Filtered	Precision	Recall	${\rm AUC}^F_{\measuredangle}$	${\rm AUC}^E_{\measuredangle}$	Filtered	Precision	Recall	$\mathrm{AUC}_\square^H$	Filtered	Precision	Recall	$\mathrm{AUC}^F_{\measuredangle}$	$\mathrm{AUC}^E_{\measuredangle}$	$\mathrm{AUC}_{\square}^F$	$\mathrm{AUC}_{\square}^E$
Key.Net+AffNet HardNet+NNR	0.00	55.25	100.00	0.28	58.64	0.00	35.32	99.14	0.41	23.12	0.00	61.39	97.68	26.29	0.00	49.95	99.98	0.56	61.28	0.50	32.42
$+MAGSAC_{\uparrow}$	56.23	92.17	74.07	44.51	59.92	70.66	60.62	49.87	16.24	24.26	69.38	84.63	43.67	52.58	59.19	88.39	72.45	38.89	61.91	19.12	32.88
+MAGSAC↓	61.91	92.95	64.99	45.92	59.79	74.80	60.51	42.62	16.26	23.86	78.55	85.17	30.71	48.30	64.40	88.99	63.53	40.04	61.13	19.87	32.43
+ACNe	44.49	88.17	89.73	23.71	58.00	57.15	58.68	71.79	9.99	24.04	39.88	75.03	76.36	43.88	52.28	87.51	85.05	20.94	62.10	7.59	31.58
+MAGSAC↑	58.65	94.88	72.18	46.29	59.43	74.24	64.58	46.79	17.32	23.71	73.41	84.85	38.13	47.58	63.20	93.91	69.45	43.70	61.93	20.30	31.34
+MAGSAC↓	63.78	95.58	63.78	45.98	58.97	77.67	64.54	40.44	17.06	24.33	81.25	85.18	26.91	44.39	67.49	94.41	61.66	44.37	62.11	20.74	31.59
+AdaLAM +MAGSAC↑	94.16	89.61	8.72	18.21	29.07	96.86	43.96	4.36	1.89	3.89	87.24	69.75	14.92	30.08	97.26	77.95	4.21	9.16	17.12	5.06	9.12
+MAGSAC₁ +MAGSAC₁	94.83 95.20	73.42 73.66	7.72 7.22	22.14 22.28	27.60 28.23	97.72 97.89	27.00 26.96	3.22 2.97	2.74 2.78	3.78 3.61	92.10 <b>94.11</b>	67.11 67.55	9.69 7.31	31.63 30.48	97.58 97.71	50.08 50.15	3.65 3.47	10.07 10.14	16.47 16.57	5.76 5.79	8.78 8.94
+CC													96.56								
+MAGSAC↑	43.30 59.28	88.22 95.09	88.13 69.70	22.78 46.14	57.12 56.70	44.18 76.00	58.68 65.09	74.80 42.71	5.80 11.73	18.29 18.34	18.88 69.24	75.06 84.47	43.38	<b>61.29</b> 52.12	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
+MAGSAC <sub>1</sub>	64.27	95.75	61.71	45.94	57.36	79.11	65.11	37.20	11.73	18.50	78.60	85.03	30.41	48.65	n/a	n/a	n/a	n/a	n/a	n/a	n/a
+CLNet	46.58	87.22	84.85	6.50	53.69	70.26	62.57	52.58	2.87	17.24	31.70	76.53	86.03	51.14	54.46	88.22	81.60	10.85	57.83	3.22	28.22
+MAGSAC <sub>↑</sub>	61.14	94.55	66.88	35.07	54.08	79.49	65.69	37.92	7.79	17.24	69.95	84.08	42.18	51.14	65.27	94.04	65.61	36.06	58.33	16.35	28.48
$+MAGSAC_{\downarrow}$	66.01	95.26	59.00	35.76	53.71	82.09	65.51	33.11	7.58	16.94	78.99	84.89	29.78	47.71	69.33	94.51	58.20	36.31	58.06	16.50	28.26
+ConvMatch	57.31	86.27	74.90	23.32	51.80	65.30	63.01	65.15	8.08	21.42	76.05	69.98	37.41	30.45	59.83	87.73	77.27	26.08	58.39	9.41	28.10
$+MAGSAC_{\uparrow}$	68.56	91.76	59.30	36.07	52.50	77.95	66.65	42.85	13.98	22.69	89.65	71.94	18.21	28.34	69.55	93.46	61.43	40.12	58.78	17.40	28.17
+MAGSAC <sub>↓</sub>	72.51	92.39	52.28	36.31	52.66	80.77	66.58	37.29	13.99	22.31	92.46	72.21	13.21	26.94	73.15	93.95	54.37	40.45	58.97	17.57	28.47
+DeMatch	51.71	87.83	80.18	20.59	52.43	65.89	61.71	62.60	6.46	19.87	61.52	76.10	52.04	40.66	58.34	87.40	77.96	23.99	58.83	8.91	28.65
+MAGSAC↑	64.47	94.67	63.28	35.25	52.97	78.37	65.74	41.41	12.16	20.66	82.03	83.60	26.97	41.14	68.48	93.66	61.97	39.19	58.66	17.43	28.71
+MAGSAC <sub>↓</sub>	68.90	95.29	55.81	35.64	53.47	81.18	65.71	35.95	12.22	20.11	86.97	83.94	19.24	39.07	72.20	94.16	54.87	39.36	58.63	17.62	28.45
+FC-GNN	50.48	94.36	84.27	26.41	63.06	72.49	67.84	49.91	10.21	25.52	36.22	81.78	85.89	57.59	56.45	92.47	79.84	21.11	66.27	10.60	36.39
+MAGSAC <sub>↑</sub> +MAGSAC <sub>↓</sub>	53.48 54.82	96.74	80.97 78.76	59.39 60.06	62.61 62.73	75.83	69.67	45.03 42.76	18.25 18.80	25.10 25.25	52.89 61.49	84.58 85.02	65.55 53.93	55.75 52.69	59.11 60.24	95.43 95.65	76.76 74.71	51.24 51.86	<b>65.84</b> 65.67	27.96 28.35	35.94 35.73
+GMS		96.96				77.10	69.71														
+GMS +MAGSAC↑	53.37 65.89	81.82 86.38	67.79 53.61	17.38 43.95	50.61 51.27	78.99 85.31	57.76 55.69	33.96 24.85	4.94 8.78	13.12 13.21	50.28 76.67	72.06 76.05	56.97 29.42	47.11 42.74	64.39 72.42	84.36 86.59	57.23 46.86	12.32 32.80	47.16 47.48	5.39 16.53	24.11 24.42
+MAGSAC <sub>1</sub>	70.04	86.94	47.51	43.72	52.14	87.09	55.67	21.95	8.62	12.91	83.45	76.57	21.17	40.66	75.52	86.98	41.87	32.96	47.38	16.70	24.42
+MS <sup>2</sup> DG-Net	66.10	78.94	54.24	0.25	46.85	64.34	52.34	55.52	0.24	16.46	72.55	70.11	36.57	9.14	65.93	76.79	58.20	0.63	49.05	0.34	22.63
+MAGSAC↑	77.25	91.45	43.00	36.60	46.70	81.94	64.02	34.44	9.30	16.20	88.95	83.71	18.20	34.90	76.63	88.14	46.25	31.70	48.61	13.70	22.48
$+MAGSAC_{\downarrow}$	79.99	92.06	38.10	37.02	47.47	84.09	63.83	30.25	9.76	16.69	91.89	84.14	13.58	33.60	79.27	88.61	41.18	32.10	48.50	13.83	22.49
+NCMNet	46.21	87.41	85.76	7.08	54.16	69.70	61.60	52.19	4.17	17.72	31.96	76.36	85.87	51.58	53.75	88.72	83.73	13.10	58.80	3.98	28.82
$+ MAGSAC_{\uparrow}$	60.83	94.64	67.61	35.84	53.48	78.97	64.38	37.65	9.02	17.42	69.96	84.05	42.36	51.22	64.75	94.31	67.13	36.65	58.68	16.20	28.37
+MAGSAC <sub>↓</sub>	65.73	95.34	59.69	35.78	54.48	81.56	64.37	33.04	9.12	17.32	79.05	84.62	29.90	48.03	68.88	94.81	59.50	36.96	58.62	16.48	28.62
+OANet	68.16	89.98	56.89	17.42	49.57	81.07	59.83	35.22	6.58	14.51	81.87	75.55	28.75	21.35	72.65	90.84	55.55	20.98	52.50	7.01	23.25
+MAGSAC↑	74.91	94.58	47.17	30.25	49.36	86.20	61.84	26.14	8.96	15.59	90.61	83.61	15.81	31.11	77.50	94.11	46.80	31.72	52.41	12.50	23.17
+MAGSAC↓	77.96	95.18	41.75	30.28	48.68	87.64	61.71	23.32	9.24	15.37	93.06	83.96	11.62	29.90	79.98	94.55	41.79	31.99	52.50	12.68	23.26
+MOP +MAGSAC <sub>↑</sub>	38.34	83.94	93.61	8.96	60.83	54.02	56.65	74.07	4.01	24.46	26.64	75.28	91.72	59.09	46.48	84.12	89.41	9.92	61.68	4.17	32.71
+MAGSAC₁ +MAGSAC₁	57.18 62.56	93.60 94.27	72.89 64.33	50.96 51.66	60.89 60.40	74.24 77.90	64.17 64.28	46.86 40.36	17.01 16.98	24.42 24.83	69.50 78.72	84.36 84.71	43.06 30.16	52.00 48.57	61.42 66.08	92.39 92.94	70.71 62.58	43.95 44.69	61.64 61.50	22.68 22.97	32.75 32.52
+MOP+NCC																					
+MAGSAC↑	38.34 51.89	84.51 94.45	95.58 83.19	8.24 52.52	63.67 61.98	54.02 70.95	56.59 64.92	74.81 53.70	3.93 18.68	27.20 27.16	26.64 48.10	78.54 84.24	<b>99.50</b> 74.70	<b>61.16</b> 59.23	46.48 58.21	83.71 93.07	89.89 77.51	8.98 45.53	65.60 64.66	3.80 23.98	<b>36.13</b> 35.24
+MAGSAC↓	54.75	94.49	78.53	53.98	62.95	73.64	65.06	48.80	19.08	26.44	56.51	84.74	63.01	56.45	60.63	93.47	73.23	46.58	64.39	24.74	35.03
+MOP+MiHo	33.27	79.44	96.57	3.47	61.83	40.56	50.01	85.87	1.60	25.52	24.30	73.88	93.49	50.86	40.04	77.67	93.72	4.23	63.50	2.15	33.76
+MAGSAC↑	56.65	93.92	74.36	49.97	61.31	72.00	64.04	50.51	17.31	25.52	69.55	85.50	43.96	52.23	60.41	91.78	72.39	44.14	62.65	22.68	33.36
$+MAGSAC_{\downarrow}$	62.18	94.68	65.50	50.98	60.26	75.88	63.95	43.44	17.45	25.30	78.65	86.01	31.35	48.30	65.28	92.35	63.89	45.12	62.53	23.31	33.29
+MOP+MiHo+NCC	33.27	80.15	98.83	3.46	65.05	40.56	50.18	87.34	1.46	28.19	24.30	77.76	103.31	53.85	40.04	77.40	94.30	4.10	66.99	2.07	36.92
$+MAGSAC_{\uparrow}$	51.30	94.96	85.05	53.45	63.91	68.69	65.17	58.15	19.37	27.85	47.43	85.08	78.33	60.25	57.08	92.61	79.57	44.99	65.78	23.61	35.90
$+MAGSAC_{\downarrow}$	54.20	95.46	80.34	54.75	63.77	71.64	65.23	52.50	19.54	27.60	55.55	85.42	66.94	57.47	59.71	93.07	74.90	46.03	65.46	24.26	35.69
+NCC	0.00	54.90	100.22	0.27	61.85	0.00	35.09	100.19	0.40	24.01	0.00	61.91	99.26	26.73	0.00	49.27	98.93	0.56	63.01	0.51	34.09
+MAGSAC↑	52.85	92.79	80.83	44.20	61.25	68.79	61.24	54.00	17.43	25.39	58.94	84.17	59.09	55.71	57.39	88.54	75.93	37.70	62.36	18.68	33.33
$+MAGSAC_{\downarrow}$	56.68	93.49	74.68	46.39	61.18	72.41	61.25	47.54	17.76	25.62	68.01	84.64	46.78	52.28	60.97	89.17	69.80	39.11	61.76	19.63	33.07