Pipeline	\multicolumn{11}{c}{MegaDepth}											\multicolumn{11}{c}{ScanNet}										
	Filtered	Precision	Recall	$\text{AUC}^E_{@05}$	$\text{AUC}^E_{@10}$	$\text{AUC}^P_{@}$	$\text{AUC}^E_{@05}$	$\text{AUC}^E_{@10}$	$\text{AUC}^E_{@20}$	AUC^E_{Z}	Time (s)	Filtered	Precision	Recall	$\text{AUC}^E_{@05}$	$\text{AUC}^E_{@10}$	$\text{AUC}^P_{@}$	$\text{AUC}^E_{@05}$	$\text{AUC}^E_{@10}$	$\text{AUC}^E_{@20}$	AUC^E_{Z}	Time (s)
LoFTR	0.00	82.40	99.91	7.50	15.34	27.88	16.91	42.07	58.95	73.17	0.349	0.00	58.34	98.98	0.32	1.56	5.30	2.40	19.67	35.87	52.04	0.103
+MAGSAC↑	41.83	90.63	64.87	40.63	55.23	68.46	54.77	47.23	64.05	77.16	0.397	49.41	69.51	59.31	15.64	29.67	44.43	29.91	19.50	35.97	51.62	0.134
+MAGSAC↓	49.95	91.26	55.98	42.42	57.03	70.28	56.58	47.95	64.28	77.79	0.574	56.65	69.71	50.83	16.19	29.90	44.67	30.25	19.40	35.76	52.10	0.147
+ACNe	40.97	85.89	61.97	14.29	25.09	40.27	26.55	27.01	44.27	60.77	0.384	49.95	65.47	56.42	1.71	6.08	14.34	7.38	13.31	26.67	42.21	0.115
+MAGSAC↑	61.99	90.45	36.90	23.41	36.49	51.61	37.17	33.03	51.43	67.97	0.409	71.14	69.76	34.11	6.90	16.30	30.00	17.73	17.04	31.57	47.17	0.149
+MAGSAC↓	66.85	90.91	36.90	23.41	36.49	51.61	37.17	33.03	51.43	67.97	0.469	71.14	69.76	34.11	6.90	16.30	30.00	17.73	17.04	31.57	47.17	0.211
+AdaLAM	0.00	82.40	99.91	7.50	15.34	27.88	16.91	42.07	58.95	73.17	0.371	0.00	58.34	98.98	0.32	1.56	5.30	2.40	19.67	35.87	52.04	0.105
+MAGSAC↑	41.83	90.63	64.87	40.63	55.23	68.46	54.77	47.23	64.05	77.16	0.419	49.41	69.51	59.31	15.64	29.67	44.43	29.91	19.50	35.97	51.62	0.137
+MAGSAC↓	49.95	91.26	55.98	42.42	57.03	70.28	56.58	47.95	64.28	77.79	0.593	56.65	69.71	50.83	16.19	29.90	44.67	30.25	19.40	35.76	52.10	0.149
+CC	18.34	85.01	85.19	23.27	36.37	51.63	37.09	33.03	50.16	65.13	9.554	26.88	66.68	80.52	4.71	12.26	23.71	13.56	15.69	31.37	46.64	2.689
+MAGSAC↑	48.65	89.91	57.16	31.86	45.44	59.00	45.43	39.38	56.73	70.94	9.594	54.47	70.28	53.30	12.76	25.29	38.63	25.56	16.24	31.29	46.54	2.704
+MAGSAC↓	55.29	90.33	49.81	32.42	45.67	59.13	45.74	40.71	57.24	71.74	9.731	60.66	70.45	46.03	13.62	25.69	39.00	26.10	16.12	31.21	46.52	2.707
+CLNet	19.13	85.53	83.93	11.99	20.28	32.84	21.70	29.91	47.54	63.39	0.721	51.42	67.62	55.61	1.08	3.31	8.52	4.30	11.44	24.30	39.04	0.138
+MAGSAC↑	49.63	90.58	55.92	21.18	32.88	47.27	33.78	35.24	53.46	69.04	0.731	62.58	69.98	40.85	3.86	11.41	22.74	12.67	10.20	22.98	37.25	0.138
+MAGSAC↓	56.29	91.04	48.60	22.03	34.16	48.44	34.88	36.57	54.84	70.25	0.896	69.55	69.99	35.47	3.95	11.11	22.38	12.48	11.36	23.86	38.06	0.145
+ConvMatch	75.20	86.04	26.58	9.55	18.48	32.30	20.11	15.13	30.31	46.52	0.326	80.22	66.45	21.50	1.50	5.64	14.08	7.07	5.94	16.22	29.84	0.166
+MAGSAC↑	82.71	87.93	19.30	11.19	21.46	35.24	22.50	16.05	30.47	47.52	0.379	84.85	66.69	17.15	2.83	7.93	16.96	9.24	6.20	16.53	29.80	0.168
+MAGSAC↓	84.99	88.26	16.79	11.17	21.67	35.66	22.83	16.19	31.46	50.03	0.429	85.51	66.57	18.65	3.09	8.18	17.54	9.60	6.69	16.98	30.60	0.168
+DeMatch	62.49	86.41	39.80	10.98	21.57	35.81	24.39	19.09	33.69	50.06	0.424	65.85	67.01	40.07	1.47	4.70	13.12	6.43	9.25	20.06	33.35	0.174
+MAGSAC↑	74.48	89.62	28.25	14.53	25.24	40.65	26.81	20.84	36.92	54.14	0.454	75.38	69.06	29.19	3.52	9.04	19.42	10.06	8.51	19.64	33.89	0.174
+MAGSAC↓	77.70	90.01	24.75	14.79	24.63	39.32	26.24	21.93	38.48	55.88	0.458	78.48	69.04	25.43	3.73	9.88	20.32	11.31	7.81	19.06	33.03	0.177
+FC-GNN	20.40	93.24	98.95	27.30	40.22	54.89	40.81	51.71	68.33	80.60	0.406	36.09	68.03	72.71	4.56	10.44	19.43	11.48	18.46	34.62	49.58	0.121
+MAGSAC↑	29.38	95.40	90.88	51.06	65.68	77.43	64.73	53.37	69.51	81.31	0.412	50.74	71.84	58.72	14.66	28.96	43.21	28.94	18.34	34.85	49.81	0.124
+MAGSAC↓	33.13	95.64	86.40	51.91	66.19	77.80	65.23	51.71	68.89	80.97	0.415	55.10	71.73	53.29	15.40	29.15	43.02	29.19	18.27	34.30	49.04	0.125
+GMS	16.19	82.66	85.96	23.76	36.28	50.05	36.70	38.55	55.25	68.85	0.462	39.37	65.91	67.10	3.81	10.26	20.77	11.42	15.87	30.84	45.72	0.181
+MAGSAC↑	49.64	87.99	56.04	37.79	51.04	64.86	51.36	44.34	60.52	73.21	0.505	59.37	68.75	40.65	12.96	26.37	39.32	26.46	16.48	31.32	45.94	0.199
+MAGSAC↓	56.39	88.44	48.60	38.72	52.63	65.61	52.32	44.54	61.01	73.59	0.657	64.82	68.75	40.65	12.96	25.66	36.73	24.91	11.29	30.60	45.61	0.199
+MS²DG-Net	79.50	84.40	21.66	3.56	8.21	16.93	9.56	14.67	27.10	42.02	0.407	70.79	66.04	34.25	0.36	1.09	2.97	1.47	7.34	17.12	30.14	0.160
+MAGSAC↑	86.63	88.34	15.04	16.13	25.64	37.95	26.57	17.01	31.00	47.19	0.431	80.99	70.57	23.48	4.80	11.90	22.82	13.17	7.84	18.08	31.03	0.160
+MAGSAC↓	88.35	88.78	13.25	16.11	26.29	39.10	27.16	18.05	31.14	46.38	0.435	83.23	70.68	20.62	4.67	11.58	22.09	12.78	7.19	17.36	31.23	0.163
+NCC	0.00	71.37	90.26	5.85	13.34	25.63	14.94	37.13	52.20	65.82	1.284	0.00	52.74	93.47	0.31	1.38	4.84	2.17	14.08	30.19	45.86	0.454
+MAGSAC↑	49.39	87.76	59.93	31.24	41.73	52.79	41.92	37.69	52.50	66.10	1.363	62.87	67.90	43.10	10.42	21.76	35.48	22.55	15.60	30.83	45.62	0.513
+MAGSAC↓	55.79	88.36	53.14	31.18	41.68	52.90	41.92	38.53	53.17	66.36	1.433	68.45	68.04	36.68	10.68	22.98	36.70	23.45	15.58	30.71	45.77	0.547
+NCMNet	17.51	85.84	85.88	10.42	17.79	30.47	19.56	30.56	48.30	64.46	0.561	48.58	65.81	55.75	2.14	5.52	12.67	6.77	12.72	26.85	41.33	0.164
+MAGSAC↑	48.55	90.71	57.16	21.65	33.86	49.67	34.37	36.05	54.80	70.25	0.602	62.72	69.47	43.39	5.88	14.82	25.87	15.36	12.96	26.35	40.80	0.224
+MAGSAC↓	55.35	91.20	49.71	22.55	35.26	49.67	35.81	35.59	53.90	69.59	53.33	0.733	67.59	69.71	37.69	6.00	15.46	26.43	15.46	12.08	25.39	39.47	0.245
+OANet	85.61	86.40	15.33	5.41	11.69	22.11	13.07	11.47	22.04	36.49	0.406	84.22	64.90	17.77	0.98	3.40	8.62	4.33	5.11	12.37	23.09	0.151
+MAGSAC↑	89.63	88.89	11.43	8.12	15.03	25.77	16.31	12.63	24.58	39.87	0.489	87.82	66.56	14.08	2.01	5.99	13.25	7.08	4.39	11.56	21.68	0.154
+MAGSAC↓	90.86	89.12	10.07	8.08	15.32	26.35	16.58	13.19	25.02	40.86	0.418	89.10	66.58	12.50	2.15	5.87	12.91	6.98	3.73	10.51	21.44	0.154
+MOP$_{0.5K}$**+MiHo**	1.34	83.02	99.71	11.51	21.60	35.76	22.96	42.60	59.65	73.19	3.082	9.20	60.44	94.53	0.79	2.73	7.41	3.65	18.12	35.27	50.88	2.109
+MAGSAC↑	41.94	90.75	64.93	41.57	56.41	69.41	55.80	47.46	64.29	77.57	3.129	49.84	69.82	58.74	15.23	29.01	43.43	29.22	18.84	35.01	50.97	3.194
+MAGSAC↓	49.95	91.28	56.08	42.04	56.59	70.05	56.23	49.08	65.61	78.35	3.293	56.96	69.95	50.33	15.59	29.08	44.01	29.56	20.33	36.90	52.16	2.142
+MOP$_{0.5K}$**+MiHo+NCC**	1.34	81.45	112.85	9.23	18.43	33.07	20.24	52.53	69.92	82.34	66.33	4.035	9.20	56.09	90.35	0.76	2.25	6.88	3.30	18.66	34.71	49.73	2.427
+MAGSAC↑	33.52	95.39	91.90	43.99	58.09	70.69	57.59	49.87	68.23	80.82	66.31	4.047	58.60	69.12	48.86	14.01	27.56	40.99	27.52	18.65	35.99	51.08	2.462
+MAGSAC↓	38.51	96.00	86.29	44.60	59.00	72.00	58.42	50.40	67.86	80.57	4.052	63.75	69.27	42.74	13.79	27.14	41.21	27.38	18.45	35.11	50.00	2.503
+MOP$_{1.0K}$**+MiHo**	1.31	82.99	99.67	11.31	21.15	35.61	22.70	41.90	58.93	73.07	57.97	4.229	8.66	60.29	94.86	0.71	2.74	7.75	3.74	19.11	36.01	51.42	3.426
+MAGSAC↑	41.96	90.72	64.62	40.20	55.07	68.94	54.73	46.73	64.56	78.11	63.13	4.770	49.73	69.82	59.02	15.76	29.22	43.75	29.58	18.98	35.93	51.32	3.445
+MAGSAC↓	49.96	91.29	56.14	40.68	55.60	69.53	55.24	47.37	64.82	78.10	67.50	5.003	56.54	69.94	50.45	15.78	29.03	43.70	29.50	20.47	36.93	52.43	3.651
+MOP$_{1.0K}$**+MiHo+NCC**	1.31	81.42	112.97	9.08	18.53	33.26	20.29	50.06	68.08	80.57	66.24	5.683	8.66	56.00	90.59	0.43	2.31	7.41	3.38	18.85	35.08	50.27	3.745
+MAGSAC↑	33.52	95.48	92.13	46.03	59.52	71.61	59.05	50.96	66.24	80.83	66.68	5.694	58.49	69.28	48.95	13.96	27.22	41.33	27.51	19.40	36.06	51.14	3.603
+MAGSAC↓	38.55	96.01	86.01	47.04	61.22	73.15	60.47	50.74	66.59	80.90	66.77	5.699	63.75	69.48	42.79	14.34	28.19	41.98	28.17	18.75	35.29	50.54	3.801
+MOP$_{1.5K}$**+MiHo**	1.24	82.99	99.73	11.71	21.56	35.42	22.90	39.37	57.68	72.21	56.75	6.100	8.34	60.23	95.90	0.75	2.69	7.54	3.66	17.79	35.20	51.56	4.345
+MAGSAC↑	41.89	90.77	64.94	42.33	56.05	69.39	55.92	48.21	65.22	78.34	63.76	6.313	49.65	69.91	59.12	15.80	29.07	44.07	29.91	19.26	36.20	52.01	4.443
+MAGSAC↓	49.94	91.29	56.17	42.85	56.87	70.02	56.54	48.62	65.46	78.75	66.27	6.328	56.99	70.01	50.62	15.90	29.61	44.27	29.92	19.38	36.73	51.65	4.505
+MOP$_{1.5K}$**+MiHo+NCC**	1.24	81.36	113.10	9.36	18.64	32.73	20.21	50.99	68.71	81.29	67.00	7.055	8.34	55.94	90.63	0.49	2.31	7.01	3.27	18.49	34.57	49.56	4.778
+MAGSAC↑	33.48	95.49	92.76	46.42	60.02	71.38	59.27	51.88	69.37	81.49	67.55	7.067	58.41	69.23	48.80	13.87	26.33	39.90	26.54	17.89	34.93	50.56	4.143
+MAGSAC↓	38.51	96.00	86.60	46.71	60.75	72.35	59.93	50.34	68.57	81.21	67.07	7.072	63.78	69.44	42.91	13.74	27.29	41.23	27.39	18.46	34.92	49.57	4.185
+MOP$_{2.0K}$**+MiHo**	1.26	82.97	99.80	11.45	21.34	35.31	22.70	41.73	58.26	72.39	57.46	7.246	8.21	60.25	95.02	0.80	2.71	7.51	3.67	18.47	35.77	51.58	5.259
+MAGSAC↑	41.92	90.72	64.90	41.23	55.66	68.90	55.26	46.35	65.49	78.28	62.81	7.294	49.45	69.79	59.19	15.43	29.99	43.61	29.34	19.18	35.77	51.58	5.280
+MAGSAC↓	49.98	91.26	56.04	42.01	57.02	70.21	56.41	49.41	65.41	78.30	66.43	7.460	56.86	69.92	50.59	15.79	29.59	44.49	29.96	19.03	35.74	51.91	5.294
+MOP$_{2.0K}$**+MiHo+NCC**	1.26	81.37	112.72	9.11	18.54	32.71	20.12	50.88	68.80	81.27	66.98	8.216	8.21	55.96	90.79	0.57	2.28	6.89	3.25	19.41	35.38	50.22	5.623
+MAGSAC↑	33.53	95.45	91.72	44.52	58.43	70.33	57.76	50.13	68.02	80.76	66.30	8.228	58.49	69.02	48.33	13.59	27.02	40.45	27.02	18.16	35.24	50.97	5.659
+MAGSAC↓	38.55	96.00	85.81	46.67	60.62	72.30	59.86	51.19	68.82	81.43	67.15	8.232	63.79	69.22	42.32	13.63	26.72	41.50	27.62	18.60	34.73	50.80	5.680
+MOP$_{0.5K}$	2.75	83.81	99.27	15.72	26.86	41.58	28.05	42.88	59.59	72.86	3.950	17.33	62.82	89.36	1.29	3.99	10.66	5.32	18.21	35.15	51.95	2.244
+MAGSAC↑	42.03	90.63	64.81	41.18	55.68	68.86	55.20	46.18	64.04	77.62	3.996	51.02	68.17	56.36	13.84	29.02	43.60	29.07	17.81	34.37	50.81	2.260
+MAGSAC↓	50.02	91.35	56.07	42.36	57.21	70.57	56.77	47.70	64.61	77.70	3.997	58.39	70.49	49.89	15.60	28.84	42.95	28.59	19.10	35.09	50.40	2.597
+MOP$_{0.5K}$**+NCC**	2.75	81.75	109.03	12.70	22.92	37.62	24.41	50.54	68.18	80.62	66.45	4.899	17.33	58.04	84.54	1.25	3.74	10.00	4.99	16.81	33.05	48.78	2.553
+MAGSAC↑	34.16	95.35	89.20	44.86	58.61	70.44	57.73	49.86	67.00	81.02	66.50	4.911	60.17	69.34	47.21	13.63	26.16	39.36	26.38	17.59	34.84	49.92	2.562
+MAGSAC↓	39.12	95.91	83.34	47.04	60.60	72.20	60.00	50.39	67.33	80.93	66.51	4.915	65.28	69.31	41.25	13.39	26.39	40.38	26.69	17.87	33.93	48.95	2.597
+MOP$_{1.0K}$	2.68	83.78	99.30	15.96	25.80	40.23	27.00	41.73	58.33	72.29	57.45	5.687	16.64	62.33	89.54	1.09	4.04	10.60	5.24	18.64	35.16	50.96	3.452
+MAGSAC↑	42.00	90.80	64.88	41.95	56.34	69.97	56.09	46.39	64.49	77.74	5.733	50.90	69.81	57.81	15.07	28.57	42.71	28.78	19.17	35.13	51.01	3.423
+MAGSAC↓	49.98	91.32	56.08	42.57	56.63	69.74	56.44	48.50	65.14	77.94	43.35	5.729	57.82	70.12	49.92	15.27	28.55	42.66	28.82	18.41	35.21	50.76	3.480
+MOP$_{1.0K}$**+NCC**	2.68	81.70	109.03	11.44	21.73	36.70	23.29	50.95	68.31	80.68	66.65	6.637	16.64	57.68	85.08	1.08	4.02	9.98	5.03	16.94	33.65	49.46	3.753
+MAGSAC↑	34.19	95.32	89.00	45.37	58.38	69.97	58.27	50.37	68.21	81.05	6.653	60.11	69.30	47.21	13.80	26.27	39.57	26.56	18.57	34.86	50.36	3.777
+MAGSAC↓	39.15	95.89	83.28	46.92	60.75	72.80	60.30	51.72	69.16	81.51	6.662	65.15	69.49	41.47	13.80	26.77	40.37	26.90	18.46	34.40	49.47	3.809
+MOP$_{1.5K}$	2.61	83.74	99.25	15.43	26.26	40.91	27.53	41.42	57.92	72.15	57.17	6.926	16.14	62.47	90.04	1.19	4.20	11.02	5.47	19.06	35.72	51.63	4.333
+MAGSAC↑	42.02	90.79	64.77	40.63	55.08	68.96	54.91	47.52	64.69	77.73	63.20	6.926	50.81	70.06	58.00	15.58	29.16	43.41	29.37	19.75	36.09	51.78	4.347
+MAGSAC↓	50.00	91.35	56.01	41.50	55.86	69.74	55.64	48.29	64.84	78.77	57.82	7.135	57.87	70.26	49.92	15.48	29.12	43.41	29.16	19.08	35.13	51.07	4.304
+MOP$_{1.5K}$**+NCC**	2.61	81.61	109.09	12.07	21.96	36.91	23.65	50.67	68.13	80.75	66.51	7.876	16.14	57.60	85.55	1.13	4.09	10.89	5.37	18.23	35.07	50.43	4.661
+MAGSAC↑	34.15	95.31	88.93	45.29	59.39	71.14	58.51	51.21	68.82	81.35	67.13	7.888	60.02	69.16	47.06	14.38	26.88	40.08	26.96	18.98	34.65	50.15	4.648
+MAGSAC↓	39.10	95.86	83.28	46.92	60.35	72.08	60.13	51.16	68.83	81.08	66.60	7.892	65.21	69.70	41.17	14.18	27.34	40.98	27.19	18.71	34.18	49.32	4.650
+MOP$_{2.0K}$	2.56	83.71	99.28	14.99	25.90	40.14	27.01	42.24	59.29	72.94	58.16	8.038	16.18	62.45	90.24	1.27	4.11	11.19	5.52	19.23	35.93	51.76	5.017
+MAGSAC↑	42.00	90.80	64.82	40.99	55.48	69.48	55.32	47.74	63.92	77.44	63.31	8.084	50.76	70.05	58.04	15.75	29.82	43.37	29.62	19.41	35.65	51.47	5.039
+MAGSAC↓	50.00	91.35	56.07	41.50	56.06	69.72	55.76	46.92	64.41	77.69	63.01	8.248	57.72	70.26	49.87	16.45	30.17	44.32	30.31	18.81	35.37	51.33	5.039
+MOP$_{2.0K}$**+NCC**	2.56	81.61	109.13	12.42	22.16	36.91	23.71	50.47	67.73	80.38	66.19	9.002	16.18	57.74	85.59	0.91	3.58	10.46	4.98	17.35	33.83	49.25	5.371
+MAGSAC↑	34.19	95.28	88.74	44.33	58.53	70.69	57.85	50.59	68.22	80.89	66.24	9.014	59.92	69.51	47.03	13.21	26.26	39.94	26.61	17.96	34.80	49.54	5.411
+MAGSAC↓	39.15	95.86	83.19	45.49	60.00	72.47	59.62	51.28	68.03	80.97	66.38	9.018	65.06	69.57	41.68	13.38	26.54	40.42	26.91	18.17	34.19	49.01	5.499