

Pipeline	MegaDepth											ScanNet										Planar							
	Filtered	Precision	Recall	$AUC_{@5}^F$	$AUC_{@10}^F$	$AUC_{@20}^F$	AUC_{\angle}^F	$AUC_{@5}^E$	$AUC_{@10}^E$	$AUC_{@20}^E$	AUC_{\angle}^E	Filtered	Precision	Recall	$AUC_{@5}^F$	$AUC_{@10}^F$	$AUC_{@20}^F$	AUC_{\angle}^F	$AUC_{@5}^E$	$AUC_{@10}^E$	$AUC_{@20}^E$	AUC_{\angle}^E	Filtered	Precision	Recall	$AUC_{@5}^H$	$AUC_{@10}^H$	$AUC_{@15}^H$	AUC_{\square}^H
SIFT+NNR +MAGSAC \downarrow	0.00	53.52	100.00	0.06	0.12	0.73	0.30	45.63	62.56	76.23	61.47	0.00	25.21	99.12	0.00	0.05	0.39	0.15	9.10	19.78	32.39	20.42	0.00	44.38	90.42	0.00	0.41	0.70	0.37
	54.52	93.83	79.32	34.21	47.21	59.15	46.86	45.53	63.70	77.37	62.20	80.84	55.24	40.60	6.11	13.92	24.21	14.74	10.53	22.00	34.55	22.36	75.34	73.43	39.88	36.43	49.49	54.66	46.86
+FC-GNN +MAGSAC \downarrow	50.51	95.34	85.52	15.38	25.44	39.87	26.90	47.45	64.73	77.93	63.37	79.49	64.92	48.23	4.19	10.14	18.85	11.06	11.51	24.10	38.01	24.54	54.32	72.08	71.04	28.82	40.08	45.80	38.23
	52.91	97.31	82.60	46.51	60.91	73.29	60.24	47.56	65.14	78.39	63.69	82.11	66.19	42.62	9.11	19.35	31.00	19.82	11.47	24.19	37.98	24.55	68.94	74.69	48.61	33.31	46.21	52.01	43.85
+MOP +MAGSAC \downarrow	44.18	89.57	92.50	4.00	8.59	18.00	10.20	45.66	63.52	76.96	62.05	70.50	52.42	61.97	0.72	2.34	6.85	3.30	10.50	22.76	36.09	23.12	50.12	66.08	76.18	31.61	43.16	48.38	41.05
	55.34	95.45	78.37	44.31	57.99	70.32	57.54	46.12	63.80	77.29	62.40	83.37	58.72	38.59	8.06	17.10	27.41	17.52	10.70	22.79	35.76	23.08	76.07	72.01	37.87	36.37	49.65	55.28	47.10
+MOP* +MAGSAC \downarrow	44.40	90.25	92.59	4.00	9.03	19.08	10.70	45.68	63.46	77.00	62.05	70.51	52.38	61.91	0.66	2.29	6.80	3.25	10.39	22.64	35.99	23.01	50.06	66.02	76.19	31.50	42.79	47.89	40.73
	55.36	95.93	78.50	43.69	57.78	70.52	57.33	46.08	63.80	77.55	62.48	83.38	58.64	38.54	8.04	17.09	27.45	17.53	10.78	22.97	35.81	23.18	76.08	72.02	37.87	36.49	49.58	55.24	47.10
+MOP*+MiHo+NCC +MAGSAC \downarrow	39.89	84.48	94.91	0.90	2.60	7.91	3.80	48.31	66.13	79.47	64.64	59.32	45.02	75.24	0.04	0.34	2.31	0.90	12.56	25.02	38.59	25.39	46.97	65.11	81.68	20.63	29.55	34.14	28.11
	53.31	96.07	82.34	40.12	53.79	66.46	53.46	47.17	64.85	78.01	63.35	80.52	59.99	45.40	7.94	17.29	28.96	18.07	11.97	24.56	37.85	24.80	67.07	73.31	54.95	36.73	50.06	55.31	47.36
+MOP*+MiHo+NCC* +MAGSAC \downarrow	39.89	85.31	95.86	0.73	2.36	7.62	3.57	49.22	66.91	79.94	65.36	59.32	45.21	75.47	0.06	0.37	2.25	0.89	12.31	25.12	38.50	25.31	46.97	65.05	81.66	19.72	27.58	31.75	26.35
	52.74	96.15	83.56	41.67	55.64	68.37	55.23	47.22	65.03	78.52	63.59	80.37	60.20	45.98	8.42	17.61	28.99	18.34	12.19	24.76	37.84	24.93	67.37	73.05	53.92	36.32	50.07	55.51	47.30
+MOP*+VSAC+NCC +MAGSAC \downarrow	44.40	89.26	91.74	3.60	8.34	18.06	10.00	46.69	64.28	77.52	62.83	70.51	52.04	61.98	0.67	2.18	6.71	3.19	11.85	24.38	37.22	24.48	50.06	67.45	78.52	31.57	43.27	48.97	41.27
	53.71	95.87	81.05	41.31	55.18	68.06	54.85	45.85	63.92	77.20	62.32	81.94	58.80	41.82	7.89	16.97	27.36	17.40	11.65	23.68	36.58	23.97	66.84	71.91	54.35	35.77	49.64	55.31	46.91
+MOP*+VSAC+NCC* +MAGSAC \downarrow	44.40	90.14	92.65	3.17	7.46	17.03	9.22	46.16	64.23	77.64	62.68	70.51	52.41	62.40	0.60	2.20	6.51	3.10	11.72	24.47	37.82	24.67	50.06	67.29	78.27	29.15	40.10	44.78	38.01
	53.20	95.92	82.10	42.26	56.58	69.16	56.00	46.63	64.53	77.62	62.93	81.81	59.04	42.29	8.37	17.98	28.92	18.42	12.06	24.37	37.46	24.63	67.21	72.02	53.68	36.31	49.73	55.40	47.15