

Pipeline	MetaDepth						ScanNet					Planar				
	Filtered	Precision	Recall	AUC <sub>F</sub>	AUC <sub>F</sub> <sup>C</sup>	AUC <sub>F</sub> <sup>H</sup>	Filtered	Precision	Recall	AUC <sub>F</sub>	AUC <sub>F</sub> <sup>C</sup>	AUC <sub>F</sub> <sup>H</sup>	Filtered	Precision	Recall	AUC <sub>F</sub> <sup>H</sup>
SuperPoint+LightGlue +MAGSAC <sub>1</sub>	0.00	88.68	99.92	48.33	61.67		0.00	68.94	94.64	17.51	33.70		0.00	74.77	90.77	54.34
	45.45	95.24	60.50	54.83	63.34	43.51	71.59	55.69	26.29	34.52	74.53	82.84	25.24	56.91		
+FC-GNN +MAGSAC <sub>1</sub>	21.75	96.68	89.40	62.64	66.20	29.05	72.34	68.78	22.54	32.69		10.93	80.58	94.31	55.96	
	25.59	97.32	85.79	65.12	66.46	41.49	73.02	58.80	26.31	33.09		46.14	83.11	61.40	56.26	
+MOP +MAGSAC <sub>1</sub>	0.90	88.79	99.29	48.18	61.99		10.20	68.85	89.20	18.61	33.41		7.89	74.92	90.37	55.30
	45.80	95.22	60.16	54.08	63.39	47.39	71.23	53.21	25.77	33.23		77.37	82.87	25.24	56.86	
+MOP* +MAGSAC <sub>1</sub>	0.89	88.80	99.30	48.14	61.88		10.23	68.90	89.19	18.77	33.44		8.50	74.90	90.37	55.21
	45.78	95.20	60.16	54.31	63.56	47.39	71.25	53.37	25.52	33.63		78.06	82.94	25.36	56.68	
+MOP*+MiHo+NCC +MAGSAC <sub>1</sub>	0.28	85.80	99.26	35.61	67.95	6.53	65.34	88.89	13.77	35.33		7.67	76.09	97.86	52.46	
	29.92	96.74	80.39	63.32	66.54	45.61	71.52	55.10	28.15	35.87		48.65	83.30	62.24	56.09	
+MOP*+MiHo+NCC* +MAGSAC <sub>1</sub>	0.28	88.17	102.04	23.89	67.43	6.53	66.92	90.44	11.85	36.61		7.67	77.58	99.23	50.07	
	27.86	96.74	82.71	64.16	67.00	43.34	71.84	57.58	28.79	36.30		48.18	83.21	62.71	56.51	
+MOP*+VSAC+NCC +MAGSAC <sub>1</sub>	0.89	85.82	98.78	35.07	67.56	10.23	65.43	86.26	14.12	35.77		8.50	76.11	97.48	53.74	
	29.94	96.76	80.41	63.46	67.08	46.85	71.40	54.61	27.68	35.58		48.67	83.22	62.39	56.70	
+MOP*+VSAC+NCC* +MAGSAC <sub>1</sub>	0.89	88.22	101.60	24.10	67.47	10.23	67.04	87.82	12.24	36.63		8.50	77.74	99.25	49.59	
	27.84	96.74	82.80	63.49	67.06	44.70	71.60	56.82	28.95	35.97		48.44	83.28	62.57	56.46	
LoFTR +MAGSAC <sub>1</sub>	0.00	82.27	99.95	16.00	56.97		0.00	58.84	98.82	2.40	36.12		0.00	60.29	92.10	22.76
	50.68	91.20	55.36	56.05	62.78	56.06	69.88	51.12	30.27	36.03		86.77	74.04	16.84	46.69	
+FC-GNN +MAGSAC <sub>1</sub>	20.82	93.18	99.03	40.76	66.01	35.61	68.20	73.02	11.47	34.78		31.26	73.37	111.36	45.23	
	33.53	95.65	86.53	64.44	66.34	54.26	71.83	53.93	29.87	34.22		64.91	77.70	64.16	50.26	
+MOP +MAGSAC <sub>1</sub>	2.40	83.54	99.37	26.54	56.38	15.45	62.83	90.78	5.84	35.70		16.21	63.28	89.79	38.77	
	50.77	91.27	55.30	55.54	62.19	57.05	70.48	50.38	29.91	35.37		85.93	74.58	17.42	46.68	
+MOP* +MAGSAC <sub>1</sub>	2.42	83.55	99.36	26.52	56.20	15.47	62.84	90.76	5.88	35.74		16.17	63.18	89.03	38.38	
	50.79	91.28	55.27	55.62	62.56	57.05	70.47	50.38	29.76	35.25		85.92	74.46	17.67	46.72	
+MOP*+MiHo+NCC +MAGSAC <sub>1</sub>	1.12	81.27	113.92	19.22	66.82	7.96	56.40	90.08	3.42	34.46		11.34	69.14	153.27	34.00	
	38.57	96.13	87.62	59.89	66.77	63.36	69.58	43.04	26.55	34.11		57.66	82.42	94.65	62.30	
+MOP*+MiHo+NCC* +MAGSAC <sub>1</sub>	1.12	83.81	115.36	9.50	67.03	7.96	58.32	93.10	2.98	35.55		11.34	69.54	150.93	28.98	
	36.41	95.94	87.68	61.68	67.09	61.28	70.27	45.89	29.07	35.62		58.35	82.04	91.50	61.81	
+MOP*+VSAC+NCC +MAGSAC <sub>1</sub>	2.42	82.14	113.91	23.13	67.19	15.47	58.50	86.84	5.28	34.11		16.17	71.57	154.35	41.51	
	38.18	96.25	88.87	60.36	66.37	63.28	69.96	43.47	27.45	34.49		57.37	81.77	96.73	62.38	
+MOP*+VSAC+NCC* +MAGSAC <sub>1</sub>	2.42	84.78	115.87	10.12	67.16	15.47	60.46	88.99	4.51	35.25		16.17	71.98	152.22	35.70	
	36.00	96.14	89.48	61.66	66.88	61.21	70.44	46.01	29.09	35.43		58.17	81.73	92.50	63.33	
KeyNet+ $\alpha_{\text{norm}}$ +NMR +MAGSAC <sub>1</sub>	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	2.50
	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	54.17	
+FC-GNN +MAGSAC <sub>1</sub>	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	48.15	
	54.82	96.96	78.76	60.06	62.73	77.10	69.74	42.76	18.80	25.25		61.49	85.02	53.93	52.28	
+MOP +MAGSAC <sub>1</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	48.21	
	62.56	94.27	64.33	51.66	60.40	77.90	64.28	40.36	16.98	24.83		78.72	84.71	30.16	54.71	
+MOP* +MAGSAC <sub>1</sub>	33.07	85.33	94.64	12.50	61.34	47.98	58.57	75.95	5.05	24.72		26.59	75.08	92.26	47.93	
	58.49	95.07	66.00	52.33	61.18	72.68	64.78	44.14	17.26	24.18		78.72	84.76	30.30	54.89	
+MOP*+MiHo+NCC +MAGSAC <sub>1</sub>	27.96	80.91	98.72	4.38	64.07	35.62	53.40	87.45	1.90	28.03		24.62	77.36	102.05	37.58	
	50.25	95.65	80.26	54.63	63.71	65.86	65.29	55.10	19.43	26.80		56.16	84.45	64.79	54.75	
+MOP*+MiHo+NCC* +MAGSAC <sub>1</sub>	27.96	82.09	100.25	4.18	64.55	35.62	53.80	87.92	1.95	27.99		24.62	77.25	101.63	34.48	
	49.52	96.74	81.69	55.73	63.92	65.51	65.76	56.15	19.91	27.02		56.66	84.67	63.83	53.97	
+MOP*+VSAC+NCC +MAGSAC <sub>1</sub>	33.07	85.52	96.09	11.61	64.30	47.98	58.49	76.68	4.90	27.21		26.59	78.86	100.88	47.47	
	50.56	95.76	79.48	54.77	63.71	67.88	65.43	52.44	19.42	26.78		55.99	84.67	64.65	54.91	
+MOP*+VSAC+NCC* +MAGSAC <sub>1</sub>	33.07	86.88	97.66	10.50	64.20	47.98	59.01	77.32	4.53	26.87		26.59	78.88	100.76	44.79	
	49.84	95.87	80.84	56.42	62.90	67.66	65.67	52.98	19.80	26.78		56.59	84.49	64.21	55.11	
SIFT+NMR +MAGSAC <sub>1</sub>	0.00	53.52	100.00	0.30	61.47		0.00	25.21	99.12	0.15	20.42		0.00	44.38	90.42	0.37
	54.62	93.83	79.32	46.86	62.20	80.84	55.24	40.60	14.74	22.36		75.34	73.43	39.88	46.86	
+FC-GNN +MAGSAC <sub>1</sub>	50.51	95.34	85.52	26.90	63.37	79.49	64.92	48.23	11.06	24.54		54.32	72.08	71.04	38.23	
	52.91	97.31	82.60	60.24	63.69	82.11	66.19	42.62	19.82	24.55		68.94	74.69	48.61	43.85	
+MOP +MAGSAC <sub>1</sub>	44.18	89.57	92.50	10.20	62.05	70.50	52.42	61.97	3.30	23.12		50.12	66.08	76.18	41.05	
	55.34	95.45	78.37	57.54	62.40	83.37	58.72	38.59	17.52	23.08		76.07	72.01	37.87	47.10	
+MOP* +MAGSAC <sub>1</sub>	44.40	90.25	92.59	10.70	62.05	70.51	52.38	61.91	3.25	23.01		50.06	66.02	76.19	40.73	
	55.36	95.93	78.50	57.33	62.48	83.38	58.64	38.54	17.53	23.18		76.08	72.02	37.87	47.10	
+MOP*+MiHo+NCC +MAGSAC <sub>1</sub>	39.89	84.48	94.91	3.80	64.64	59.32	45.02	75.24	0.90	25.39		46.97	65.11	81.68	28.11	
	53.31	96.07	82.34	53.46	63.35	80.52	59.99	45.40	18.07	24.80		67.07	73.31	54.95	47.36	
+MOP*+MiHo+NCC* +MAGSAC <sub>1</sub>	39.89	85.31	95.86	3.57	65.36	59.32	45.21	75.47	0.89	25.31		46.97	65.05	81.66	26.35	
	52.74	96.15	83.56	55.23	63.59	80.37	60.20	45.98	18.34	24.93		67.37	73.05	53.92	47.30	
+MOP*+VSAC+NCC +MAGSAC <sub>1</sub>	44.40	89.26	91.74	10.00	62.83	70.51	52.04	61.98	3.19	24.48		50.06	67.45	78.52	41.27	
	53.71	95.87	81.05	54.85	62.32	81.94	58.80	41.82	17.40	23.97		66.84	71.91	54.35	46.91	
+MOP*+VSAC+NCC* +MAGSAC <sub>1</sub>	44.40	90.14	92.65	9.22	62.68	70.51	52.41	62.40	3.10	24.67		50.06	67.29	78.27	38.01	
	53.20	95.92	82.10	56.00	62.93	81.81	59.04	42.29	18.42	24.63		67.21	72.02	53.68	47.15	