

Pipeline	MegaDepth					ScanNet					Planar					IMC PhotoTourism										
	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>Z</sub>	AUC <sup>E</sup> <sub>Z</sub>	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>Z</sub>	AUC <sup>E</sup> <sub>Z</sub>	Filtered	Precision	Recall	AUC <sup>H</sup> <sub>□</sub>	Filtered	Precision	Recall	AUC <sup>F</sup> <sub>Z</sub>	AUC <sup>E</sup> <sub>Z</sub>	AUC <sup>F</sup> <sub>□</sub>	AUC <sup>E</sup> <sub>□</sub>					
SuperPoint+LightGlue	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	0.00	89.40	99.59	43.01	66.78	20.14	35.89					
	+MAGSAC <sub>↑</sub>	33.98	94.36	71.95	54.18	63.44	33.86	71.40	65.35	25.78	34.49	63.71	82.23	37.16	56.85	33.51	94.37	71.24	51.76	68.12	26.38	37.28				
	+MAGSAC <sub>↓</sub>	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	44.75	95.11	59.98	51.91	68.55	26.57	37.56				
+ACNe	42.49	89.55	58.25	32.63	47.95	45.93	70.40	51.60	13.75	24.69	54.28	76.67	43.05	47.11	42.75	90.57	57.89	34.62	56.34	14.95	26.51					
	+MAGSAC <sub>↑</sub>	60.33	93.99	43.11	36.41	51.90	61.81	71.22	38.24	16.08	25.39	81.57	82.22	19.55	48.99	55.59	94.19	43.24	38.02	58.37	16.99	27.88				
	+MAGSAC <sub>↓</sub>	67.00	94.77	36.43	36.27	52.63	66.68	71.28	33.20	16.31	25.31	86.99	82.73	13.58	48.99	66.01	94.84	36.78	38.38	58.72	17.09	28.04				
+AdaLAM	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	0.00	89.40	99.59	43.01	66.78	20.14	35.89					
	+MAGSAC <sub>↑</sub>	33.98	94.36	71.95	54.18	63.44	33.86	71.40	65.35	25.78	34.49	63.71	82.23	37.16	56.85	33.51	94.37	71.24	51.76	68.12	26.38	37.28				
	+MAGSAC <sub>↓</sub>	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	44.75	95.11	59.98	51.91	68.55	26.57	37.56				
+CC	17.52	85.07	83.18	35.16	52.77	32.10	61.08	64.01	15.72	26.61	75.86	13.28	16.05	5.95	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>↑</sub>	44.41	89.75	60.53	41.00	54.46	52.82	62.21	46.48	18.06	26.92	91.30	14.91	5.86	6.43	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	+MAGSAC <sub>↓</sub>	54.02	90.57	50.91	41.50	56.66	59.37	62.39	39.87	18.89	27.14	93.00	14.94	3.92	6.16	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
+CLNet	19.20	89.47	81.49	27.70	49.75	46.48	71.37	51.09	9.28	20.75	13.37	75.24	81.23	54.62	25.55	90.51	75.15	26.94	56.19	11.32	26.16					
	+ConvMatch	64.74	89.98	35.96	22.44	35.49	64.09	71.19	35.31	10.88	20.11	61.77	76.39	36.15	43.98	63.05	90.79	37.64	25.88	45.39	10.68	19.88				
	+MAGSAC <sub>↑</sub>	74.00	92.76	27.93	25.11	37.60	73.27	70.15	27.66	11.84	19.74	83.57	81.49	17.16	44.79	72.57	93.20	29.22	27.92	47.04	11.69	20.92				
+DeMatch	64.49	89.69	36.03	22.06	33.45	67.95	71.35	31.57	6.68	15.36	67.00	76.28	30.72	42.16	65.02	90.67	35.56	22.92	40.67	9.05	16.88					
	+MAGSAC <sub>↑</sub>	74.23	92.95	27.62	23.69	36.34	75.65	70.78	25.29	7.80	15.85	85.90	81.37	14.45	43.11	74.12	93.35	27.51	24.57	42.58	10.04	17.68				
	+MAGSAC <sub>↓</sub>	78.41	93.63	23.44	23.73	24.43	38.58	76.37	70.20	24.45	11.95	20.26	88.39	82.09	11.96	45.27	76.82	93.75	24.94	27.98	47.52	11.83	21.21			
+FC-GNN	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	24.98	95.84	82.67	54.65	70.79	29.37	40.47					
	+MAGSAC <sub>↑</sub>	23.84	97.16	87.58	65.19	66.02	38.07	72.90	62.31	25.89	32.62	35.67	82.59	72.84	55.65	27.90	96.47	80.19	59.02	70.81	32.74	40.26				
	+MAGSAC <sub>↓</sub>	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	30.06	96.62	77.98	59.36	70.78	32.99	40.32				
+GMS	25.29	85.09	75.11	43.61	54.54	51.88	68.80	48.55	14.98	23.29	38.01	75.89	61.98	52.13	29.78	88.76	70.83	38.78	58.40	18.15	30.00					
	+MAGSAC <sub>↑</sub>	49.69	88.28	54.39	48.16	55.82	63.35	67.33	37.44	17.03	23.94	76.38	81.07	26.53	53.08	51.36	91.82	51.96	43.63	60.24	21.64	31.69				
	+MAGSAC <sub>↓</sub>	58.28	89.02	45.81	47.62	56.89	68.36	67.45	32.34	16.54	23.00	83.88	81.59	18.15	52.26	59.33	92.44	43.96	43.63	60.61	21.69	32.40				
+MS <sup>2</sup> DG-Net	71.11	90.02	29.50	33.55	34.68	62.08	71.06	34.26	13.01	18.54	66.27	76.71	28.04	44.38	69.75	90.97	30.59	30.41	41.96	12.91	17.58					
	+MAGSAC <sub>↑</sub>	79.64	94.31	22.24	32.30	38.50	72.38	72.00	26.74	13.59	18.31	84.72	81.98	13.03	45.38	77.93	94.10	23.49	30.90	43.89	13.24	18.74				
	+MAGSAC <sub>↓</sub>	82.92	95.07	18.94	31.73	40.30	75.29	71.97	23.64	13.61	18.77	88.47	82.64	8.93	45.87	81.15	94.68	20.27	30.92	44.92	13.16	19.38				
+NCMNet	16.76	89.49	83.97	27.43	50.79	41.91	71.05	55.77	10.33	22.43	12.10	75.30	82.95	55.31	21.88	90.58	78.93	28.26	56.70	11.91	26.72					
	+OANet	90.17	90.66	10.17	10.38	16.93	88.31	70.07	10.96	4.19	7.28	88.66	75.27	9.23	30.90	89.90	91.05	10.30	11.75	23.38	4.71	8.86				
	+MAGSAC <sub>↑</sub>	92.08	91.54	8.43	9.75	17.49	91.78	62.88	8.21	3.70	7.30	94.45	79.91	4.75	31.36	91.90	91.72	8.50	11.43	24.05	4.55	9.17				
+MOP	0.90	88.79	99.29	48.18	61.99	10.20	68.85	80.20	18.61	33.41	7.89	74.92	90.37	55.36	1.66	89.53	98.46	43.93	66.67	20.76	35.94					
	+MAGSAC <sub>↑</sub>	34.31	94.32	71.63	53.93	63.51	38.02	71.09	62.97	25.31	33.73	66.70	82.28	37.23	56.49	34.13	94.30	70.72	51.07	68.03	25.94	37.32				
	+MAGSAC <sub>↓</sub>	45.80	95.22	60.16	54.08	63.39	47.39	71.23	53.41	25.77	33.23	77.37	82.87	25.24	56.80	45.34	95.02	59.47	51.19	68.27	26.06	37.48				
+MOP+MiHo	0.30	88.72	99.74	48.28	61.60	6.48	68.77	91.71	18.27	33.78	6.98	74.83	90.77	55.43	0.98	89.46	98.96	43.51	66.70	20.48	35.78					
	+MAGSAC <sub>↑</sub>	34.07	94.35	71.87	53.93	63.38	36.02	71.27	64.18	25.48	34.44	66.55	82.24	37.21	56.74	33.87	94.34	70.93	51.50	68.17	26.28	37.56				
	+MAGSAC <sub>↓</sub>	45.57	95.25	60.39	54.40	63.19	45.52	71.44	54.57	25.80	34.54	77.27	82.82	25.26	56.90	45.09	95.07	59.68	51.60	68.47	26.36	37.64				
+MOP+MiHo+NCC	0.30	85.90	99.36	35.88	68.08	6.48	65.80	80.20	14.45	35.21	6.98	76.09	97.97	53.21	0.98	83.38	93.29	29.15	71.02	11.95	40.31					
	+MAGSAC <sub>↑</sub>	25.40	96.32	84.95	63.05	68.00	38.78	71.35	61.95	28.45	35.50	38.61	82.87	73.00	56.11	33.03	95.46	73.71	55.61	70.78	30.06	40.10				
	+MAGSAC <sub>↓</sub>	29.81	96.76	80.53	63.85	67.48	44.78	71.48	55.94	26.61	36.09	48.20	83.14	61.91	55.96	37.83	95.89	68.90	56.35	70.82	30.51	40.33				
+MOP+NCC	0.90	85.68	98.49	35.29	65.73	10.20	65.79	86.66	14.22	34.64	7.89	75.81	96.83	53.53	1.66	83.16	92.48	28.21	71.12	11.80	40.46					
	+MAGSAC <sub>↑</sub>	25.98	96.22	84.15	61.63	66.42	40.63	71.10	60.91	27.98	34.93	38.77	82.77	72.88	56.00	33.41	95.30	73.25	54.56	70.56	29.65	40.17				
	+MAGSAC <sub>↓</sub>	30.42	96.62	79.65	62.29	66.78	46.41	71.28	55.08	27.88	35.18	47.89	83.08	62.19	56.43	38.13	95.72	68.52	55.27	70.49	30.21	40.21				
+NCC	0.00	77.98	87.58	32.37	57.41	0.00	64.93	91.23	13.49	34.23	0.00	60.92	72.54	50.05	0.00	76.48	84.44	26.17	61.39	10.55	32.68					
	+MAGSAC <sub>↑</sub>	38.44	92.71	66.61	51.92	58.54	40.60	71.18	59.11	26.51	34.11	67.28	81.69	33.69	52.99	45.90	92.32	57.01	44.82	62.16	22.87	33.47				
	+MAGSAC <sub>↓</sub>	44.55	93.20	60.59	52.29	59.07	47.19	71.31	52.58	26.22	34.19	74.87	82.41	25.32	53.36	52.25	92.87	50.79	45.18	62.07	23.00	33.51				
+Progressive-X	6.96	89.32	93.66	44.00	58.68	14.82	70.62	81.42	17.49	30.57	1.91	75.20	90.29													