

Pipeline	MegaDepth					ScanNet					Planar					IMC PhotoTourism					
	Filtered	Precision	Recall	AUC $^F_{\angle}$	AUC $^E_{\angle}$	Filtered	Precision	Recall	AUC $^F_{\angle}$	AUC $^E_{\angle}$	Filtered	Precision	Recall	AUC $^H_{\square}$	Filtered	Precision	Recall	AUC $^F_{\angle}$	AUC $^E_{\square}$	AUC $^F_{\angle}$	AUC $^E_{\square}$
ALIKED+LightGlue	0.00	92.95	99.72	54.83	61.79	0.00	65.50	93.06	12.72	26.79	0.00	76.17	90.91	60.79	0.00	93.63	99.75	47.72	23.37	67.17	36.09
+ACNe	39.70	93.67	60.76	34.39	49.70	42.98	67.49	54.59	9.90	18.34	52.20	77.15	44.12	45.24	41.51	94.59	59.05	39.32	16.70	58.98	27.58
+ACNe+MAGSAC $_{\top}$	47.23	95.55	54.51	39.15	50.64	58.87	67.69	41.04	11.91	18.85	72.64	80.77	28.14	43.06	48.84	96.33	52.78	45.15	20.58	59.22	27.79
+ACNe+MAGSAC $_1$	51.60	96.05	50.32	39.46	51.73	62.63	67.70	37.10	12.07	18.92	78.24	81.20	22.17	41.86	52.76	96.71	48.94	45.64	20.90	59.65	28.30
+AdaLAM	0.00	92.95	99.72	54.83	61.79	0.00	65.50	93.06	12.72	26.79	0.00	76.17	90.91	60.79	0.00	93.63	99.75	47.72	23.37	67.17	36.09
+AdaLAM+MAGSAC $_{\top}$	15.88	95.63	86.88	61.86	61.82	33.48	68.44	65.40	19.55	26.98	49.92	81.77	52.73	53.40	15.81	96.29	86.75	58.68	31.35	67.78	36.58
+AdaLAM+MAGSAC $_1$	23.72	96.23	79.40	61.79	63.35	40.67	68.40	57.83	19.90	26.82	61.56	82.42	40.39	50.52	23.19	96.74	79.58	58.91	31.60	68.17	36.87
+CC	17.59	86.24	82.54	43.16	53.84	33.98	54.91	61.10	10.39	19.04	79.33	10.37	12.65	7.57	n/a	n/a	n/a	n/a	n/a	n/a	n/a
+CC+MAGSAC $_{\top}$	29.82	88.36	72.49	48.27	54.97	54.56	55.91	44.51	12.35	18.91	92.81	11.14	6.78	6.09	n/a	n/a	n/a	n/a	n/a	n/a	n/a
+CC+MAGSAC $_1$	36.19	88.86	66.33	48.47	54.98	58.99	55.92	39.78	12.63	18.98	94.12	11.25	5.39	5.59	n/a	n/a	n/a	n/a	n/a	n/a	n/a
+CLNet	14.87	93.37	85.31	35.30	52.86	46.80	68.60	50.87	6.09	16.60	77.43	80.43	58.27	19.67	94.49	80.87	36.07	15.51	59.50	28.05	
+CLNet+MAGSAC $_{\top}$	26.62	95.41	75.64	41.56	53.98	60.40	64.41	39.42	8.74	16.28	55.66	81.63	47.42	51.44	29.96	96.22	72.03	43.68	19.97	60.12	28.74
+CLNet+MAGSAC $_1$	33.00	95.93	69.53	41.54	54.66	64.07	64.51	35.67	8.98	15.42	66.01	82.23	36.30	47.88	35.55	96.62	66.60	44.09	20.14	60.30	28.73
+ConvMatch	65.67	93.06	34.39	26.47	40.50	65.97	67.98	33.09	6.72	14.24	62.92	76.76	34.06	41.41	64.47	94.35	35.83	31.57	12.56	50.94	22.91
+ConvMatch+MAGSAC $_{\top}$	69.64	94.31	31.20	28.21	40.97	75.33	64.30	25.40	7.51	13.52	77.70	79.28	22.15	39.21	68.53	95.45	32.37	35.71	15.37	51.74	23.18
+ConvMatch+MAGSAC $_1$	72.07	94.71	28.87	29.19	41.17	77.38	64.34	23.22	7.39	13.59	82.13	79.59	17.51	38.07	70.91	95.81	30.05	36.16	15.44	51.45	23.01
+DeMatch	64.63	93.35	35.44	24.51	40.23	68.01	67.36	31.01	4.37	11.01	66.67	76.40	29.59	36.16	65.18	94.39	35.10	28.42	10.90	47.54	20.20
+DeMatch+MAGSAC $_{\top}$	68.65	94.79	32.16	26.79	40.43	76.15	64.28	24.39	5.14	10.97	79.83	79.85	19.60	36.54	69.12	95.78	31.71	32.35	13.09	48.09	20.31
+DeMatch+MAGSAC $_1$	71.12	95.21	29.79	27.15	40.04	78.13	64.34	22.34	5.29	11.17	83.69	80.20	15.59	35.35	71.39	96.12	29.50	32.84	13.40	48.19	20.22
+FC-GNN	13.69	96.89	90.93	63.46	64.75	32.30	70.66	65.88	16.71	25.28	13.04	77.93	82.53	58.93	13.63	95.25	87.70	53.11	27.17	65.92	34.55
+FC-GNN+MAGSAC $_{\top}$	15.66	97.24	89.35	65.62	65.38	40.67	70.76	59.67	18.82	25.68	51.61	81.27	49.65	52.03	22.25	96.54	80.21	57.74	30.56	66.60	35.59
+FC-GNN+MAGSAC $_1$	17.31	97.35	87.69	65.70	65.05	43.23	70.79	56.96	18.93	25.64	62.53	81.93	38.09	49.00	28.30	96.93	74.32	57.85	30.67	66.74	35.29
+GMS	20.69	90.93	79.57	51.23	56.55	54.20	64.58	46.40	9.34	16.76	38.96	75.70	61.70	51.11	20.11	93.69	80.36	46.52	22.48	62.58	32.51
+GMS+MAGSAC $_{\top}$	31.61	92.02	70.44	55.77	56.69	63.94	60.87	36.63	11.24	16.49	63.74	79.12	38.84	45.79	30.65	95.23	71.31	53.21	27.23	62.83	32.43
+GMS+MAGSAC $_1$	37.44	92.49	64.85	55.85	57.25	67.54	60.92	32.94	11.29	16.82	72.27	79.62	29.93	43.76	36.24	95.63	65.87	53.42	27.40	63.15	32.70
+MAGSAC $_{\top}$	15.88	95.63	86.88	61.86	61.82	33.48	68.44	65.40	19.55	26.98	49.92	81.77	52.73	53.40	15.81	96.29	86.75	58.68	31.35	67.78	36.58
+MAGSAC $_1$	23.71	96.23	79.40	61.79	63.35	40.67	68.40	57.83	19.90	26.82	61.56	82.42	40.39	50.52	23.19	96.74	79.58	58.91	31.60	68.17	36.87
+MOP	1.05	92.99	99.02	55.50	62.22	17.92	64.46	82.25	13.76	26.17	11.47	76.39	88.60	60.98	1.05	93.82	99.13	49.37	24.15	67.12	35.97
+MOP+MAGSAC $_{\top}$	16.29	95.60	86.60	61.31	62.02	41.40	66.82	60.03	18.59	25.99	52.31	81.48	51.62	52.82	16.13	96.29	86.49	58.28	31.04	67.62	36.38
+MOP+MAGSAC $_1$	24.12	96.18	79.11	61.51	63.18	48.15	66.90	53.00	19.12	25.82	63.85	82.14	39.38	50.29	23.46	96.74	79.37	58.33	31.13	68.04	36.92
+MOP+MiHo	0.52	92.98	99.38	55.14	61.94	11.29	65.28	87.47	13.38	26.27	9.82	76.16	88.71	60.58	0.55	93.73	99.48	48.81	23.86	67.27	36.11
+MOP+MiHo+MAGSAC $_{\top}$	16.00	95.65	86.82	61.56	62.00	37.55	68.15	63.12	19.19	26.43	51.73	81.44	51.57	53.31	15.94	96.30	86.67	58.47	31.17	67.83	36.66
+MOP+MiHo+MAGSAC $_1$	23.83	96.22	79.33	61.47	63.27	44.58	68.15	55.74	19.51	26.20	63.24	82.11	39.44	50.26	23.30	96.75	79.52	58.57	31.24	68.19	36.94
+MOP+MiHo+NCC	0.52	88.00	94.50	34.22	63.86	11.29	62.91	86.28	8.81	27.50	9.82	77.08	93.21	62.10	0.55	87.02	92.33	26.58	9.80	67.76	36.86
+MOP+MiHo+NCC+MAGSAC $_{\top}$	21.47	96.29	82.26	58.07	64.09	39.72	68.00	61.91	18.95	26.51	33.54	81.59	73.66	59.48	26.14	96.29	76.44	52.04	26.94	66.98	36.42
+MOP+MiHo+NCC+MAGSAC $_1$	25.54	96.64	78.37	59.01	62.86	44.73	68.13	56.75	19.34	27.05	42.52	81.91	63.89	56.86	30.55	96.63	72.17	52.74	27.52	66.79	35.82
+MOP+NCC	1.05	87.74	93.81	33.18	63.06	17.92	62.01	80.76	8.52	27.29	11.47	77.20	92.41	61.77	1.05	86.79	91.65	25.69	9.87	67.85	37.03
+MOP+NCC+MAGSAC $_{\top}$	22.05	96.09	81.58	56.91	63.49	43.30	66.70	58.99	18.51	26.42	33.84	81.66	73.71	59.69	26.43	96.21	76.11	51.35	26.94	67.03	36.67
+MOP+NCC+MAGSAC $_1$	26.22	96.49	77.62	57.28	62.94	47.93	66.72	54.06	18.81	26.73	43.10	82.00	63.53	57.33	30.72	96.56	71.97	52.11	27.42	66.81	36.36
+MS ² DG-Net	70.80	93.83	29.36	36.82	37.72	59.15	67.82	35.97	7.45	11.77	65.87	77.95	29.91	41.45	70.10	94.70	30.12	34.37	14.35	45.40	18.96
+MS ² DG-Net+MAGSAC $_{\top}$	74.76	95.64	26.19	37.23	38.15	69.82	68.23	27.92	8.35	11.35	81.41	81.26	18.23	38.12	73.66	96.16	27.13	37.33	16.59	45.53	19.93
+MS ² DG-Net+MAGSAC $_1$	76.84	96.13	24.18	37.56	38.81	71.81	68.19	25.96	7.89	11.46	84.69	81.72	14.78	37.42	75.52	96.50	25.31	37.60	16.69	45.72	19.30
+NCC	0.00	77.88	82.02	27.66	46.89	0.00	61.52	89.88	7.50	24.24	0.00	58.44	66.85	50.80	0.00	77.15	81.02	21.77	7.76	52.18	26.41
+NCC+MAGSAC $_{\top}$	36.81	89.37	62.01	39.43	47.22	40.46	67.30	59.00	16.34	23.60	67.48	79.77	32.28	45.75	43.09	90.73	55.94	36.24	17.51	52.75	26.70
+NCC+MAGSAC $_1$	42.67	89.84	56.71	40.07	47.63	45.93	67.36	53.21	16.68	23.57	74.92	79.85	24.46	42.78	49.23	91.20	50.30	36.45	17.75	52.42	26.59
+NCMNet	13.49	93.44	86.78	36.15	53.66	44.51	67.92	52.75	7.34	16.99	15.98	76.62	80.94	58.96	17.09	94.58	83.54	36.70	15.71	59.38	28.22
+NCMNet+MAGSAC $_{\top}$	25.51	95.38	76.85	41.77	53.33	58.85	63.73	40.79	9.68	16.50	53.86	80.26	48.51	50.65	27.79	96.26	74.33	43.45	19.69	59.76	28.28
+NCMNet+MAGSAC $_1$	32.03	95.90	70.62	42.51	55.06	62.69	63.79	36.83	9.45	17.02	64.78	80.75	37.07	48.39	33.61	96.66	68.68	44.03	19.97	60.18	28.61
+OANet	89.60	94.35	10.53	12.24	23.76	88.14	67.35	11.04	2.87	5.90	89.91	76.42	9.21	27.86	89.20	94.90	10.93	15.46	5.54	32.57	12.40
+OANet+MAGSAC $_{\top}$	90.44	94.73	9.85	13.08	24.04	92.89	52.54	7.12	2.66	5.82	94.03	77.88	6.01	27.55	90.12	95.24	10.14	17.26	6.44	32.60	12.44
+OANet+MAGSAC $_1$	90.94	94.97	9.36	13.72	23.64	93.21	52.52	6.79	2.70	6.04	95.17	78.04	4.86	27.13	90.65	95.46	9.61	17.36	6.43	32.68	12.63