

Pipeline	MegaDepth					ScanNet				
	Filtered	Precision	Recall	AUC F_z	AUC F_z^E	Filtered	Precision	Recall	AUC F_z	AUC F_z^E
SIFT	0.00	53.92	99.99	0.35	62.26	0.00	24.83	99.19	0.19	20.35
+ACNe	47.62	92.54	90.85	29.48	63.59	67.86	55.02	70.85	13.02	26.47
+ACNe+MAGSAC $_{\tau}$	53.26	96.38	83.41	54.91	63.86	80.20	60.44	47.25	19.08	26.08
+ACNe+MAGSAC $_i$	56.21	96.80	78.33	55.34	61.87	82.44	60.41	41.59	19.84	25.58
+AdaLAM	82.56	93.44	27.42	16.50	53.65	92.54	53.27	15.01	3.30	14.31
+AdaLAM+MAGSAC $_{\tau}$	83.62	92.29	26.13	47.05	52.08	94.09	46.65	12.11	10.93	13.03
+AdaLAM+MAGSAC $_i$	84.22	92.53	25.25	46.95	51.47	94.54	46.67	11.21	11.47	14.29
+CC	45.92	92.27	89.48	25.42	60.63	40.75	51.34	80.93	5.42	19.45
+CC+MAGSAC $_{\tau}$	53.76	96.23	80.73	52.41	60.91	81.65	58.58	40.46	12.44	19.38
+CC+MAGSAC $_i$	56.71	96.66	75.81	53.00	60.19	83.72	58.57	35.76	12.61	19.54
+CLNet	48.44	91.36	88.00	8.85	58.89	77.43	57.74	52.39	3.14	20.32
+CLNet+MAGSAC $_{\tau}$	55.27	96.13	79.18	42.74	56.79	83.73	60.98	39.26	11.47	19.80
+CLNet+MAGSAC $_i$	58.21	96.62	74.21	43.62	58.14	85.55	60.69	34.66	11.33	20.02
+ConvMatch	56.91	90.02	79.68	29.07	58.00	69.76	56.68	69.88	8.34	24.88
+ConvMatch+MAGSAC $_{\tau}$	62.34	93.59	71.70	47.06	58.42	81.19	61.67	46.43	18.11	24.66
+ConvMatch+MAGSAC $_i$	64.73	93.97	67.25	47.39	58.44	83.33	61.60	41.06	18.21	24.31
+DeMatch	52.50	91.49	83.88	26.32	59.27	70.29	55.68	67.41	6.71	23.05
+DeMatch+MAGSAC $_{\tau}$	58.50	96.01	75.48	44.59	58.71	81.68	60.69	44.51	15.48	23.47
+DeMatch+MAGSAC $_i$	61.09	96.46	70.94	45.61	59.30	83.77	60.63	39.21	15.91	22.40
+FC-GNN	50.09	95.31	85.43	26.50	64.33	79.85	63.72	47.64	11.26	24.89
+FC-GNN+MAGSAC $_{\tau}$	51.75	97.09	83.75	60.65	63.81	81.73	64.92	43.67	20.28	25.09
+FC-GNN+MAGSAC $_i$	52.51	97.20	82.43	60.59	63.60	82.55	64.99	41.70	20.08	25.40
+GMS	57.35	86.98	65.58	12.77	52.31	87.17	51.99	25.55	3.88	11.40
+GMS+MAGSAC $_{\tau}$	62.35	88.86	59.80	48.45	51.12	89.96	47.93	20.55	8.34	11.22
+GMS+MAGSAC $_i$	64.63	89.16	56.37	48.82	52.63	90.91	47.92	18.62	8.04	11.19
+MAGSAC $_{\tau}$	50.73	93.13	85.12	45.61	62.72	78.54	55.20	46.06	14.99	22.72
+MAGSAC $_i$	54.16	93.72	79.31	47.75	63.00	81.20	55.13	40.06	15.17	22.63
+MS ² DG-Net	65.89	81.13	57.55	0.96	52.62	68.23	43.13	57.12	0.33	19.33
+MS ² DG-Net+MAGSAC $_{\tau}$	72.85	91.36	51.69	42.98	51.08	85.37	56.58	35.26	12.56	19.69
+MS ² DG-Net+MAGSAC $_i$	74.45	91.80	48.72	43.24	51.88	86.90	56.47	31.24	12.40	18.68
+NCC	0.00	53.09	97.88	0.35	60.68	0.00	24.54	100.29	0.19	21.44
+NCC+MAGSAC $_{\tau}$	51.39	92.48	82.89	42.60	61.79	78.72	54.97	46.19	13.97	22.88
+NCC+MAGSAC $_i$	54.41	93.13	77.91	43.80	60.68	81.20	55.11	40.69	14.24	22.25
+NCMNet	48.02	91.08	88.31	10.57	59.61	76.49	57.99	54.06	5.27	21.51
+NCMNet+MAGSAC $_{\tau}$	55.02	95.86	79.26	44.48	58.22	82.91	61.02	40.65	12.11	21.30
+NCMNet+MAGSAC $_i$	57.95	96.28	74.26	45.07	58.21	84.77	60.88	36.13	12.38	20.22
+OANet	66.72	94.73	63.21	27.15	55.18	80.63	60.42	50.20	10.98	22.82
+OANet+MAGSAC $_{\tau}$	69.12	96.60	59.31	40.77	54.42	85.12	62.45	38.62	15.72	24.07
+OANet+MAGSAC $_i$	70.83	97.01	56.17	41.43	55.66	86.61	62.49	34.55	15.55	22.55
+MOP $_{0.5K}$ +MiHo	40.99	86.84	94.39	5.46	65.81	62.61	46.07	70.76	1.29	24.90
+MOP $_{0.5K}$ +MiHo+MAGSAC $_{\tau}$	51.61	95.60	84.33	55.76	64.66	80.23	59.20	46.63	17.99	24.23
+MOP $_{0.5K}$ +MiHo+MAGSAC $_i$	54.72	96.05	79.18	57.43	64.09	82.56	59.21	40.95	18.56	24.65
+MOP $_{0.5K}$ +MiHo+NCC	40.99	85.87	93.44	5.18	63.05	62.61	45.76	71.09	1.35	24.36
+MOP $_{0.5K}$ +MiHo+NCC+MAGSAC $_{\tau}$	51.03	95.40	84.84	54.48	63.74	79.50	59.10	48.24	18.34	24.39
+MOP $_{0.5K}$ +MiHo+NCC+MAGSAC $_i$	53.07	95.77	81.34	55.08	63.50	81.41	58.98	43.43	18.00	24.11
+MOP $_{1.0K}$ +MiHo	40.16	85.97	95.16	5.19	64.40	61.10	45.38	72.75	1.06	25.31
+MOP $_{1.0K}$ +MiHo+MAGSAC $_{\tau}$	51.49	95.62	84.83	56.15	64.64	79.98	59.21	47.36	17.45	24.07
+MOP $_{1.0K}$ +MiHo+MAGSAC $_i$	54.65	96.14	79.59	57.53	64.21	82.35	59.21	41.59	18.30	23.85
+MOP $_{1.0K}$ +MiHo+NCC	40.16	85.09	94.29	4.91	64.96	61.10	45.13	73.14	1.12	25.21
+MOP $_{1.0K}$ +MiHo+NCC+MAGSAC $_{\tau}$	50.83	95.62	85.64	54.72	63.50	79.26	59.22	48.92	18.27	24.44
+MOP $_{1.0K}$ +MiHo+NCC+MAGSAC $_i$	52.90	95.97	82.06	56.52	63.14	81.13	59.47	44.49	18.46	24.79
+MOP $_{1.5K}$ +MiHo	39.76	85.77	95.68	4.84	66.03	60.17	45.06	73.89	1.20	25.68
+MOP $_{1.5K}$ +MiHo+MAGSAC $_{\tau}$	51.47	95.75	85.12	54.77	65.60	79.86	59.66	47.81	19.30	25.97
+MOP $_{1.5K}$ +MiHo+MAGSAC $_i$	54.62	96.25	79.91	56.47	64.59	82.20	59.75	42.19	19.56	25.72
+MOP $_{1.5K}$ +MiHo+NCC	39.76	84.94	94.84	4.52	64.42	60.17	44.79	74.20	1.14	24.64
+MOP $_{1.5K}$ +MiHo+NCC+MAGSAC $_{\tau}$	50.80	95.65	85.93	52.85	64.58	79.11	59.23	49.10	18.49	24.73
+MOP $_{1.5K}$ +MiHo+NCC+MAGSAC $_i$	52.84	96.07	82.40	54.11	63.66	81.00	59.32	44.47	18.54	24.67
+MOP $_{2.0K}$ +MiHo	39.47	85.41	95.84	4.02	65.87	59.64	44.60	74.31	1.03	25.16
+MOP $_{2.0K}$ +MiHo+MAGSAC $_{\tau}$	51.37	95.75	85.33	55.48	65.50	79.81	59.57	47.99	17.98	25.30
+MOP $_{2.0K}$ +MiHo+MAGSAC $_i$	54.55	96.24	80.02	56.54	64.29	82.19	59.62	42.21	18.80	24.86
+MOP $_{2.0K}$ +MiHo+NCC	39.47	84.57	94.97	3.69	65.53	59.64	44.45	74.87	1.02	25.82
+MOP $_{2.0K}$ +MiHo+NCC+MAGSAC $_{\tau}$	50.72	95.64	86.06	53.82	64.05	79.00	59.25	49.46	17.92	25.29
+MOP $_{2.0K}$ +MiHo+NCC+MAGSAC $_i$	52.78	96.02	82.51	55.41	64.65	80.92	59.27	44.63	18.17	24.23
+MOP $_{0.5K}$	44.87	89.73	90.19	10.88	61.18	72.05	51.19	58.43	3.04	22.82
+MOP $_{0.5K}$ +MAGSAC $_{\tau}$	52.43	94.47	81.52	55.36	62.90	82.05	57.09	41.38	16.56	22.01
+MOP $_{0.5K}$ +MAGSAC $_i$	55.50	94.91	76.53	56.10	62.26	84.15	57.31	36.57	17.31	22.75
+MOP $_{0.5K}$ +NCC	44.87	88.78	89.44	9.53	60.06	72.05	50.76	58.26	2.65	23.35
+MOP $_{0.5K}$ +NCC+MAGSAC $_{\tau}$	51.85	94.36	82.28	53.96	61.87	81.27	57.14	43.09	16.74	22.59
+MOP $_{0.5K}$ +NCC+MAGSAC $_i$	53.76	94.65	79.05	54.93	61.16	82.85	57.17	39.29	17.20	22.71
+MOP $_{1.0K}$	44.22	89.71	91.54	10.10	63.68	71.35	51.58	60.29	2.80	22.71
+MOP $_{1.0K}$ +MAGSAC $_{\tau}$	52.13	94.30	82.60	56.21	63.48	81.80	57.92	42.56	17.57	23.66
+MOP $_{1.0K}$ +MAGSAC $_i$	55.26	95.30	77.47	56.02	62.47	83.90	58.03	37.59	18.34	23.52
+MOP $_{1.0K}$ +NCC	44.22	88.78	90.75	8.95	61.52	71.35	51.13	60.09	2.75	23.74
+MOP $_{1.0K}$ +NCC+MAGSAC $_{\tau}$	51.51	94.85	83.39	53.99	63.24	80.97	57.81	44.22	17.20	24.03
+MOP $_{1.0K}$ +NCC+MAGSAC $_i$	53.47	95.14	80.06	54.44	61.76	82.60	57.91	40.35	17.47	23.84
+MOP $_{1.5K}$	43.99	89.85	92.21	10.41	62.70	71.14	52.13	61.15	3.39	23.87
+MOP $_{1.5K}$ +MAGSAC $_{\tau}$	51.99	95.08	83.20	56.59	63.78	81.66	58.30	43.05	17.98	23.61
+MOP $_{1.5K}$ +MAGSAC $_i$	55.09	95.53	78.10	56.97	63.17	83.80	58.38	38.00	18.42	23.48
+MOP $_{1.5K}$ +NCC	43.99	89.00	91.47	9.65	62.36	71.14	51.71	60.94	3.20	23.44
+MOP $_{1.5K}$ +NCC+MAGSAC $_{\tau}$	51.33	95.07	84.06	55.00	62.61	80.83	58.39	44.96	17.88	25.00
+MOP $_{1.5K}$ +NCC+MAGSAC $_i$	53.34	95.38	80.66	55.94	63.20	82.52	58.58	40.93	18.00	24.16
+MOP $_{2.0K}$	43.80	89.72	92.58	10.18	62.33	70.90	52.18	61.58	3.02	23.66
+MOP $_{2.0K}$ +MAGSAC $_{\tau}$	51.91	95.12	83.51	56.52	64.47	81.58	58.64	43.36	17.76	23.95
+MOP $_{2.0K}$ +MAGSAC $_i$	55.00	95.56	78.42	57.81	63.79	83.78	58.68	38.05	18.09	23.49
+MOP $_{2.0K}$ +NCC	43.80	88.83	91.80	9.20	63.51	70.90	51.81	61.44	3.09	24.14
+MOP $_{2.0K}$ +NCC+MAGSAC $_{\tau}$	51.28	95.05	84.28	55.12	63.54	80.73	58.74	45.34	18.33	24.58
+MOP $_{2.0K}$ +NCC+MAGSAC $_i$	53.27	95.35	80.84	55.29	62.39	82.43	58.79	41.20	19.02	24.53