

Pipeline	MegaDepth					ScanNet				
	Filtered	Precision	Recall	AUC $F_z$	AUC $F_z^E$	Filtered	Precision	Recall	AUC $F_z$	AUC $F_z^E$
ALIKED+LightGlue	0.00	92.94	<b>99.74</b>	56.40	62.43	0.00	64.89	<b>92.41</b>	12.54	26.57
+ACNe	39.55	93.59	60.93	34.83	50.33	42.99	66.91	53.91	9.99	18.14
+ACNe+MAGSAC $_7$	47.09	95.46	54.68	39.50	51.44	58.28	67.64	41.12	12.48	19.24
+ACNe+MAGSAC $_4$	51.47	95.96	50.48	40.01	52.84	62.07	67.68	37.28	12.23	19.07
+AdaLAM	0.00	92.94	<b>99.74</b>	56.40	62.43	0.00	64.89	<b>92.41</b>	12.54	26.57
+AdaLAM+MAGSAC $_7$	15.79	95.61	87.02	63.44	62.27	33.07	67.88	65.32	19.16	26.47
+AdaLAM+MAGSAC $_4$	23.56	96.17	79.53	63.59	63.95	40.40	67.89	57.72	19.74	26.78
+CC	17.27	86.12	82.93	43.23	54.16	34.63	53.58	59.78	10.70	18.52
+CC+MAGSAC $_7$	29.40	88.14	72.86	48.38	54.94	54.84	54.68	43.62	12.60	19.12
+CC+MAGSAC $_4$	35.75	88.64	66.74	48.70	55.61	59.28	54.68	38.85	12.52	18.58
+CLNet	14.71	93.37	85.54	35.04	53.39	47.13	67.68	49.92	5.97	16.19
+CLNet+MAGSAC $_7$	26.33	95.33	75.94	41.38	54.80	60.28	64.06	39.14	8.57	16.06
+CLNet+MAGSAC $_4$	32.63	95.84	69.90	42.16	55.92	63.92	64.13	35.39	9.19	15.39
+ConvMatch	66.42	92.97	33.65	26.82	41.43	65.94	67.58	33.40	6.57	14.29
+ConvMatch+MAGSAC $_7$	70.20	93.98	30.58	28.73	42.68	75.08	64.26	25.88	7.80	14.57
+ConvMatch+MAGSAC $_4$	72.56	94.39	28.31	30.13	42.69	77.14	64.36	23.71	8.08	13.89
+DeMatch	64.54	93.35	35.59	24.82	41.21	67.90	66.19	30.66	4.45	10.98
+DeMatch+MAGSAC $_7$	68.46	94.63	32.34	27.11	42.04	76.04	63.79	24.27	5.63	10.69
+DeMatch+MAGSAC $_4$	70.94	95.04	29.96	27.56	40.92	78.03	63.86	22.26	5.84	10.99
+FC-GNN	13.95	<b>98.81</b>	90.52	<b>64.51</b>	<b>65.03</b>	32.14	<b>69.95</b>	65.87	16.65	25.38
+FC-GNN+MAGSAC $_7$	15.88	<b>97.16</b>	89.02	<b>66.42</b>	<b>65.64</b>	40.13	<b>70.18</b>	59.98	18.58	26.05
+FC-GNN+MAGSAC $_4$	17.51	<b>97.29</b>	87.42	<b>66.64</b>	64.95	42.72	<b>70.20</b>	57.23	18.82	25.92
+GMS	20.28	90.42	79.96	52.31	57.04	53.21	64.58	47.08	8.89	15.64
+GMS+MAGSAC $_7$	31.13	91.45	70.87	58.01	57.67	63.30	61.66	37.05	10.76	15.77
+GMS+MAGSAC $_4$	36.96	91.91	65.28	57.97	57.45	66.96	61.74	33.31	11.00	16.30
+MAGSAC $_7$	15.79	95.61	87.02	63.44	62.27	33.07	67.88	65.32	19.16	26.47
+MAGSAC $_4$	23.56	96.17	79.53	63.59	63.95	40.40	67.89	57.72	19.74	26.78
+MS <sup>2</sup> DG-Net	70.93	93.79	29.20	37.24	38.49	59.22	67.53	35.79	6.94	11.65
+MS <sup>2</sup> DG-Net+MAGSAC $_7$	74.78	95.52	26.15	38.04	38.86	69.35	68.00	28.03	8.25	11.15
+MS <sup>2</sup> DG-Net+MAGSAC $_4$	76.85	95.99	24.17	38.74	39.35	71.37	67.95	26.04	7.74	11.33
+NCC	0.00	78.13	82.30	28.61	47.39	0.00	60.81	<b>88.06</b>	7.26	23.28
+NCC+MAGSAC $_7$	36.53	89.49	62.34	40.17	48.17	40.07	66.88	59.09	15.88	23.68
+NCC+MAGSAC $_4$	42.34	89.97	57.03	40.87	49.06	45.67	66.79	52.98	16.16	23.54
+NCMNet	13.27	93.43	87.04	37.10	54.32	44.35	67.62	52.84	6.50	16.90
+NCMNet+MAGSAC $_7$	25.16	95.36	77.16	42.46	54.11	58.17	64.38	41.39	9.06	15.81
+NCMNet+MAGSAC $_4$	31.60	95.88	71.02	43.26	55.67	62.13	64.43	37.28	8.76	16.64
+OANet	<b>89.75</b>	94.33	10.37	11.48	23.01	<b>67.13</b>	<b>66.18</b>	10.56	2.79	5.34
+OANet+MAGSAC $_7$	<b>90.64</b>	94.67	9.65	12.34	24.48	<b>92.61</b>	53.41	7.23	2.74	5.28
+OANet+MAGSAC $_4$	<b>91.12</b>	94.92	9.18	13.45	23.49	<b>92.91</b>	53.36	6.90	2.57	5.82
+MOP $_{0.5K}$ +MiHo	0.70	92.93	99.16	56.90	63.10	11.51	64.79	<b>86.99</b>	13.71	26.23
+MOP $_{0.5K}$ +MiHo+MAGSAC $_7$	15.97	95.57	86.80	63.36	62.74	37.60	67.67	63.07	19.01	26.43
+MOP $_{0.5K}$ +MiHo+MAGSAC $_4$	23.70	96.11	79.37	63.45	63.91	44.80	67.76	55.71	19.37	26.59
+MOP $_{0.5K}$ +MiHo+NCC	0.70	88.01	94.38	34.39	63.73	11.51	62.26	<b>85.56</b>	8.82	27.29
+MOP $_{0.5K}$ +MiHo+NCC+MAGSAC $_7$	21.49	96.19	82.20	57.96	64.15	39.76	67.26	61.56	19.46	26.21
+MOP $_{0.5K}$ +MiHo+NCC+MAGSAC $_4$	25.56	96.54	78.29	59.02	64.16	44.81	67.41	56.43	19.25	26.49
+MOP $_{1.0K}$ +MiHo	0.64	92.99	99.29	56.73	63.05	11.42	64.76	<b>86.89</b>	13.54	26.35
+MOP $_{1.0K}$ +MiHo+MAGSAC $_7$	15.94	95.65	86.91	63.38	62.49	37.55	67.70	63.16	19.06	26.54
+MOP $_{1.0K}$ +MiHo+MAGSAC $_4$	23.66	96.19	79.50	63.47	63.87	44.73	67.79	55.87	19.44	26.22
+MOP $_{1.0K}$ +MiHo+NCC	0.64	88.12	94.60	34.46	64.17	11.42	62.32	<b>85.76</b>	8.40	<b>27.62</b>
+MOP $_{1.0K}$ +MiHo+NCC+MAGSAC $_7$	21.44	96.30	82.41	58.06	64.06	39.86	67.23	61.01	19.08	26.08
+MOP $_{1.0K}$ +MiHo+NCC+MAGSAC $_4$	25.52	96.68	78.51	59.16	64.38	44.87	67.37	55.87	<b>20.03</b>	26.67
+MOP $_{1.5K}$ +MiHo	0.61	92.96	<b>99.29</b>	56.71	63.20	11.15	64.71	<b>87.10</b>	13.54	26.37
+MOP $_{1.5K}$ +MiHo+MAGSAC $_7$	15.91	95.63	86.92	63.32	62.36	37.50	67.59	62.98	19.03	26.21
+MOP $_{1.5K}$ +MiHo+MAGSAC $_4$	23.66	96.17	79.47	63.51	63.78	44.61	67.63	55.68	19.24	26.14
+MOP $_{1.5K}$ +MiHo+NCC	0.61	88.07	94.59	34.42	63.53	11.15	62.23	<b>85.75</b>	8.46	<b>27.89</b>
+MOP $_{1.5K}$ +MiHo+NCC+MAGSAC $_7$	21.41	96.28	82.41	58.41	64.53	39.76	67.16	61.07	19.27	25.92
+MOP $_{1.5K}$ +MiHo+NCC+MAGSAC $_4$	25.51	96.64	78.49	59.35	63.60	44.73	67.19	55.75	19.61	26.84
+MOP $_{2.0K}$ +MiHo	0.62	92.97	99.29	56.72	62.95	11.16	64.72	<b>87.07</b>	13.60	25.94
+MOP $_{2.0K}$ +MiHo+MAGSAC $_7$	15.89	95.64	86.95	63.35	62.56	37.51	67.62	62.98	19.25	26.18
+MOP $_{2.0K}$ +MiHo+MAGSAC $_4$	23.66	96.18	79.49	63.47	64.01	44.58	67.65	55.69	19.37	26.10
+MOP $_{2.0K}$ +MiHo+NCC	0.62	88.05	94.50	34.43	63.59	11.16	62.24	<b>85.77</b>	8.50	<b>27.61</b>
+MOP $_{2.0K}$ +MiHo+NCC+MAGSAC $_7$	21.46	96.24	82.26	58.35	64.37	39.75	67.17	61.07	18.87	25.74
+MOP $_{2.0K}$ +MiHo+NCC+MAGSAC $_4$	25.51	96.60	78.37	58.78	63.93	44.76	67.18	55.79	<b>19.81</b>	26.90
+MOP $_{0.5K}$	1.30	93.00	<b>98.87</b>	56.94	62.77	18.41	64.26	81.42	13.69	25.57
+MOP $_{0.5K}$ +MAGSAC $_7$	16.33	95.57	86.61	62.67	62.89	41.35	66.73	59.98	18.72	26.12
+MOP $_{0.5K}$ +MAGSAC $_4$	24.06	96.11	79.18	63.09	63.53	48.22	66.68	52.76	18.73	26.09
+MOP $_{0.5K}$ +NCC	1.30	87.81	93.70	33.33	63.69	18.41	61.64	79.73	8.10	26.60
+MOP $_{0.5K}$ +NCC+MAGSAC $_7$	22.12	96.03	81.54	56.61	64.20	43.35	66.26	58.46	17.15	26.17
+MOP $_{0.5K}$ +NCC+MAGSAC $_4$	26.28	96.39	77.57	57.79	63.87	48.00	66.25	53.62	18.15	25.83
+MOP $_{1.0K}$	1.23	92.99	<b>98.92</b>	56.85	62.44	17.88	64.28	81.88	13.67	25.61
+MOP $_{1.0K}$ +MAGSAC $_7$	16.26	95.58	86.70	62.67	62.79	41.22	66.72	60.06	18.63	25.69
+MOP $_{1.0K}$ +MAGSAC $_4$	24.01	96.14	79.25	62.94	63.80	48.07	66.76	52.92	18.81	26.22
+MOP $_{1.0K}$ +NCC	1.23	87.78	93.73	33.30	63.67	17.88	61.66	80.22	7.70	26.11
+MOP $_{1.0K}$ +NCC+MAGSAC $_7$	22.10	96.00	81.51	56.73	<b>65.17</b>	43.14	66.40	58.71	17.91	25.20
+MOP $_{1.0K}$ +NCC+MAGSAC $_4$	26.30	96.37	77.52	58.10	62.96	47.90	66.32	53.70	17.92	25.34
+MOP $_{1.5K}$	1.26	93.00	<b>98.91</b>	56.92	62.82	17.69	64.31	82.16	13.84	25.86
+MOP $_{1.5K}$ +MAGSAC $_7$	16.28	95.59	86.67	62.99	62.38	41.05	66.70	60.31	18.47	25.30
+MOP $_{1.5K}$ +MAGSAC $_4$	24.04	96.14	79.23	63.18	63.38	47.96	66.77	53.18	18.69	25.59
+MOP $_{1.5K}$ +NCC	1.26	87.79	93.73	33.17	63.72	17.69	61.72	80.53	8.22	26.94
+MOP $_{1.5K}$ +NCC+MAGSAC $_7$	22.15	95.99	81.48	56.74	64.18	43.03	66.46	59.09	18.35	26.04
+MOP $_{1.5K}$ +NCC+MAGSAC $_4$	26.34	96.34	77.47	57.27	62.94	47.82	66.48	54.12	18.17	26.13
+MOP $_{2.0K}$	1.24	92.99	<b>98.92</b>	57.03	63.15	17.71	64.28	82.06	13.57	25.72
+MOP $_{2.0K}$ +MAGSAC $_7$	16.25	95.59	86.71	62.96	62.19	41.14	66.69	60.19	18.21	25.36
+MOP $_{2.0K}$ +MAGSAC $_4$	24.01	96.14	79.26	63.25	63.73	47.98	66.81	53.10	18.53	25.64
+MOP $_{2.0K}$ +NCC	1.24	87.79	93.72	33.20	63.18	17.71	61.70	80.44	7.96	26.82
+MOP $_{2.0K}$ +NCC+MAGSAC $_7$	22.12	95.99	81.47	56.75	63.83	43.08	66.38	58.77	18.29	25.69
+MOP $_{2.0K}$ +NCC+MAGSAC $_4$	26.34	96.38	77.47	57.30	63.55	47.79	66.37	53.80	18.23	25.97