

Pipeline	MegDepth												ScanNet												
	Filtered	Time (s)	Precision	Recall	AUC <sub>0.5</sub>	AUC <sub>0.6</sub>	AUC <sub>0.7</sub>	AUC <sub>0.8</sub>	AUC <sub>0.9</sub>	AUC <sub>0.95</sub>	AUC <sub>0.99</sub>	AUC <sub>0.999</sub>	Filtered	Time (s)	Precision	Recall	AUC <sub>0.5</sub>	AUC <sub>0.6</sub>	AUC <sub>0.7</sub>	AUC <sub>0.8</sub>	AUC <sub>0.9</sub>	AUC <sub>0.95</sub>	AUC <sub>0.99</sub>	AUC <sub>0.999</sub>	
DISK + LightGCN +MAGSAC	0.00	0.263	92.21	<b>92.86</b>	43.86	58.45	72.01	58.41	68.97	67.23	70.79	65.63	0.00	0.238	62.85	<b>68.35</b>	4.92	10.89	20.58	12.13	12.33	24.72	17.43	<b>24.84</b>	
+ACNE +MAGSAC	55.51	0.291	92.84	54.33	21.46	38.45	53.08	37.16	54.54	54.81	71.48	53.61	48.62	0.250	63.69	45.93	3.41	7.47	15.18	8.69	6.73	15.31	26.78	16.26	
+AddLAM +MAGSAC	70.00	0.274	92.71	<b>92.86</b>	43.86	58.45	72.01	58.41	68.97	67.23	70.79	65.63	0.00	0.242	62.85	<b>68.35</b>	4.92	10.89	20.58	12.13	12.33	24.72	17.43	24.84	
+CC +MAGSAC	15.50	0.944	85.91	82.72	32.24	48.83	60.69	46.07	41.23	58.50	71.69	57.14	24.37	3.059	52.13	66.31	4.11	9.52	17.27	10.31	9.68	19.82	29.74	19.58	
+CLNet +MAGSAC	13.41	0.440	92.77	86.92	22.39	36.71	53.11	37.40	58.14	57.98	73.22	56.24	35.36	0.274	62.36	57.67	2.36	5.30	11.44	6.36	9.02	18.51	25.99	19.03	
+ConvMatch +MAGSAC	70.00	0.390	94.47	30.53	17.55	29.95	45.30	30.81	26.77	44.22	61.66	44.22	78.18	0.355	60.70	22.40	2.50	7.69	15.84	8.67	5.61	13.41	26.18	15.38	
+DeMatch +MAGSAC	64.86	0.469	92.64	35.37	13.43	25.30	40.83	26.52	25.10	44.35	61.65	43.77	67.61	0.416	60.81	29.68	1.43	4.33	10.37	5.87	4.26	11.06	20.69	11.97	
+FC-GNN +MAGSAC	9.94	0.311	<b>92.86</b>	96.52	<b>53.34</b>	<b>65.05</b>	<b>70.10</b>	<b>65.63</b>	69.27	66.88	80.07	65.40	20.88	0.257	<b>65.63</b>	72.23	<b>7.74</b>	16.04	26.37	16.75	12.19	24.45	<b>37.84</b>	24.83	
+GNN +MAGSAC	15.73	0.360	90.27	86.48	44.11	57.96	70.17	59.81	63.50	74.21	60.93	51.48	30.85	0.260	60.80	64.70	1.96	11.97	21.69	13.93	13.93	35.54	28.74	25.46	
+MSDP-Net +MAGSAC	75.71	0.337	93.52	24.67	26.36	41.80	57.26	41.80	22.11	38.47	56.07	38.58	56.84	0.287	64.24	33.25	2.47	6.50	14.28	7.75	4.78	11.47	21.63	12.63	
+NCC +MAGSAC	43.95	1.053	89.03	55.72	27.27	38.39	50.63	38.76	33.96	49.31	63.84	49.41	47.51	0.637	57.07	50.02	6.39	14.33	24.73	15.15	10.20	21.51	33.99	29.90	
+NCNet +MAGSAC	12.23	0.445	92.70	68.16	27.40	37.05	53.92	37.77	38.55	57.78	73.14	56.89	41.06	0.366	60.68	61.91	2.51	7.05	14.90	8.16	8.08	19.14	30.22	18.79	
+oANet +MAGSAC	<b>98.16</b>	0.318	95.18	10.14	4.34	7.24	16.14	28.18	17.19	13.06	26.17	44.18	27.81	<b>80.78</b>	0.285	63.49	10.39	0.80	2.58	7.71	3.73	2.21	6.53	14.10	7.68
+MOP <sub>0.5</sub> +MiHo +MAGSAC	0.40	1.874	92.28	98.37	44.78	59.34	72.93	59.35	69.02	66.40	70.16	64.86	20.18	1.243	60.75	78.96	4.90	10.90	20.87	12.22	11.99	24.51	34.14	24.64	
+MOP <sub>0.5</sub> +MiHo+NCC +MAGSAC	0.40	2.068	85.05	92.18	18.94	33.03	49.45	33.57	45.44	66.96	73.49	64.80	18.18	1.538	57.35	78.82	2.57	6.89	14.74	8.76	11.06	25.76	36.54	24.54	
+MOP <sub>0.6</sub> +MiHo +MAGSAC	0.37	2.876	92.92	<b>90.80</b>	44.83	60.34	72.94	59.37	60.00	67.62	70.31	65.11	20.00	1.969	60.88	79.04	4.99	10.82	20.88	12.20	11.93	24.48	37.29	24.57	
+MOP <sub>0.7</sub> +MiHo +MAGSAC	0.23	2.884	92.58	83.18	49.52	64.37	76.07	63.80	67.97	68.89	70.52	65.39	44.14	1.973	62.71	55.62	8.82	18.08	26.20	18.79	18.85	31.13	37.73	20.57	
+MOP <sub>0.8</sub> +MiHo +MAGSAC	0.07	3.611	92.87	96.77	52.39	67.29	81.79	68.49	68.49	70.31	72.69	68.49	55.21	2.434	62.59	62.59	10.42	20.88	28.19	18.31	12.37	24.49	36.25	24.54	
+MOP <sub>0.9</sub> +MiHo +MAGSAC	0.03	4.611	95.06	92.02	19.02	33.01	49.63	33.99	17.84	58.93	60.00	64.36	20.00	2.966	57.43	78.99	2.75	8.91	14.89	8.18	11.46	25.56	36.08	23.94	
+MOP <sub>1.0</sub> +MiHo +MAGSAC	0.23	3.620	96.30	76.48	42.31	56.57	69.14	56.40	47.68	65.83	79.13	64.21	48.89	2.272	62.49	49.49	51.53	7.85	17.74	27.26	16.42	12.33	24.64	36.84	
+MOP <sub>1.1</sub> +MiHo +MAGSAC	32.69	3.023	96.33	71.90	42.58	57.69	70.46	57.44	57.44	67.08	75.31	62.02	45.47	2.377	62.59	46.37	8.69	17.73	27.65	18.02	11.60	25.68	36.26	23.81	
+MOP <sub>1.2</sub> +MiHo +MAGSAC	3.39	3.688	92.27	99.72	44.73	60.34	72.96	59.32	63.22	66.67	70.39	65.12	19.82	2.602	60.88	79.05	4.89	10.75	20.67	17.17	11.47	24.35	37.49	24.44	
+MOP <sub>1.3</sub> +MiHo +MAGSAC	31.13	3.696	96.04	72.11	48.92	63.73	75.79	62.82	60.00	67.75	80.35	66.06	52.32	2.610	60.88	79.05	4.93	10.75	20.67	17.17	11.47	24.35	37.49	24.44	
+MOP <sub>1.4</sub> +MiHo+NCC +MAGSAC	3.39	4.423	95.05	92.10	19.06	32.95	49.45	33.89	18.05	60.00	78.98	64.34	19.82	2.901	57.50	78.92	2.75	8.92	14.66	8.11	11.98	25.56	36.40	23.98	
+MOP <sub>1.5</sub> +MiHo +MAGSAC	27.63	4.427	96.89	76.47	42.61	56.99	69.45	56.35	47.63	65.97	79.08	64.30	48.79	2.906	62.57	51.58	7.75	17.14	27.48	17.42	12.70	24.88	37.72	24.56	
+MOP <sub>1.6</sub> +MiHo +MAGSAC	32.69	4.435	96.33	71.91	43.53	58.31	70.45	57.44	57.44	67.08	75.31	62.02	45.47	2.377	62.59	46.37	8.69	17.73	27.65	18.02	11.60	25.68	36.26	23.81	
+MOP <sub>1.7</sub> +MiHo +MAGSAC	0.40	4.421	92.27	99.72	44.49	60.37	72.97	59.08	63.90	66.73	70.40	65.33	19.81	2.517	60.96	79.06	4.93	10.74	20.67	17.17	11.47	24.35	37.49	24.44	
+MOP <sub>1.8</sub> +MiHo+NCC +MAGSAC	20.25	4.428	95.25	83.13	49.38	60.09	70.85	63.11	49.58	60.00	79.10	64.00	48.79	3.161	62.79	55.83	8.78	18.08	28.25	18.37	12.79	25.62	36.30	24.55	
+MOP <sub>1.9</sub> +MiHo +MAGSAC	31.13	4.431	96.04	72.13	49.12	63.88	75.88	62.96	60.34	67.96	80.52	66.07	52.31	2.364	62.95	47.40	9.11	18.08	28.68	18.73	12.99	25.11	37.69	24.51	
+MOP <sub>2.0</sub> +MiHo+NCC +MAGSAC	0.40	5.178	85.05	92.18	19.02	32.75	49.54	33.77	45.13	66.96	73.49	64.80	18.18	1.537	57.34	78.79	2.66	6.84	14.63	8.61	11.89	25.72	36.66	24.60	
+MOP <sub>2.1</sub> +MiHo +MAGSAC	27.63	5.187	96.89	76.47	42.61	56.99	69.45	56.35	47.63	65.97	79.08	64.30	48.79	2.906	62.57	51.58	7.75	17.14	27.48	17.42	12.70	24.88	37.72	24.56	
+MOP <sub>2.2</sub> +MiHo +MAGSAC	32.69	5.190	96.32	71.91	43.73	58.33	70.01	57.70	57.80	67.09	79.78	65.28	53.70	2.497	62.61	46.61	8.44	17.49	27.32	17.23	12.32	25.92	36.48	24.24	
+MOP <sub>2.3</sub> +MiHo +MAGSAC	3.39	3.276	92.31	99.91	45.11	60.55	73.18	59.61	68.98	66.34	79.07	64.79	21.27	2.111	53.99	75.01	5.13	11.06	21.27	12.45	11.32	24.94	37.08	24.41	
+MOP <sub>2.4</sub> +MiHo +MAGSAC	20.38	3.284	95.18	82.98	49.46	63.94	73.94	63.11	49.35	67.10	79.07	65.70	47.88	2.115	61.14	52.95	8.72	17.71	27.82	18.88	12.70	24.62	37.07	24.56	
+MOP <sub>2.5</sub> +MiHo +MAGSAC	31.13	3.287	96.14	72.13	49.12	63.88	75.88	62.96	60.34	67.96	80.52	66.07	52.31	2.364	62.95	47.40	9.11	18.08	28.68	18.73	12.99	25.11	37.69	24.51	
+MOP <sub>2.6</sub> +MiHo +MAGSAC	28.18	4.010	95.72	75.81	42.05	55.91	67.93	55.29	48.84	66.03	78.62	64.50	51.59	2.404	60.82	48.94	8.34	16.98	27.22	17.45	12.48	24.41	36.67	24.45	
+MOP <sub>2.7</sub> +MiHo +MAGSAC	33.90	4.021	96.15	71.19	42.08	56.14	68.01	55.41	48.38	65.88	78.50	64.19	56.22	2.408	60.93	44.13	7.85	17.00	27.01	17.28	11.90	24.29	37.29	24.56	
+MOP <sub>2.8</sub> +MiHo +MAGSAC	0.76	4.970	92.30	99.91	45.24	60.58	73.17	59.86	68.91	66.29	79.01	64.74	23.96	4.008	59.47	75.26	5.26	11.34	21.40	12.66	11.26	25.94	36.83	24.05	
+MOP <sub>2.9</sub> +MiHo +MAGSAC	31.25	4.987	96.10	95.96	72.59	49.33	63.80	73.91	63.01	60.62	78.29	80.29	66.23	5.497	54.08	63.31	4.78	8.62	17.76	27.91	18.90	12.37	24.60	36.88	24.59
+MOP <sub>3.0</sub> +MiHo+NCC +MAGSAC	0.76	5.714	84.82	93.63	17.61	30.98	46.68	31.76	36.45	62.52	77.82	62.93	23.96	3.688	56.02	74.80	2.81	7.02	14.24	8.42	11.83	23.79	36.94	24.45	
+MOP <sub>3.1</sub> +MiHo +MAGSAC	28.18	5.713	96.09	75.79	43.31	55.58	68.13	55.01	47.45	65.52	78.56	63.96	51.27	3.804	60.93	49.10	7.59	17.07	27.18	17.41	12.71	25.61	36.94	23.75	
+MOP <sub>3.2</sub> +MiHo +MAGSAC	30.94	5.715	96.09	75.79	43.31	55.58	68.13	55.01	47.45	65.52	78.56	63.96	51.27	3.804											