Pipeline	MegaDepth											ScanNet										
	Filtered	Precision	Recall	$AUC^E_{@5}$	$AUC^E_{@10}$	$AUC^F_{@20}$	$AUC^F_{@10}$	$AUC^F_{@20}$	$AUC^L_{@5}$	$AUC^L_{@10}$	$AUC^L_{@20}$	Filtered	Precision	Recall	$AUC^E_{@5}$	$AUC^E_{@10}$	$AUC^F_{@20}$	$AUC^F_{@10}$	$AUC^F_{@20}$	$AUC^L_{@5}$	$AUC^L_{@10}$	$AUC^L_{@20}$
SIFT+NNR	0.00	53.92	99.99	0.11	0.19	0.75	0.35	36.30	63.50	76.97	02.26	0.00	24.83	99.19	0.10	0.19	0.49	0.19	8.83	19.70	32.52	20.35
+MAGSAC$_t$	50.73	93.13	85.12	33.02	45.96	57.85	45.61	45.23	64.51	78.42	62.72	78.54	55.20	46.06	5.93	14.28	24.77	14.99	10.77	22.27	35.12	22.72
+MAGSAC$_l$	54.16	93.72	79.31	35.07	48.12	60.06	47.75	46.29	64.74	77.96	63.00	81.20	55.13	40.06	6.31	14.33	24.88	15.17	10.91	22.33	34.66	22.63
+ACNe	47.62	92.54	90.85	12.73	28.08	47.64	29.48	46.58	65.19	78.99	63.59	67.86	55.02	70.85	3.15	10.94	24.98	13.02	12.49	**26.10**	**40.32**	**26.47**
+MAGSAC$_t$	52.26	96.38	83.43	26.95	38.58	55.72	39.78	52.12	55.54	43.82	82.44	60.41	41.59	9.27	**18.92**	**32.35**	**19.84**	12.29	24.96	**39.50**	25.58
+MAGSAC$_l$	56.21	96.80	78.33	39.86	55.72	70.32	57.02	55.54	43.61	78.16	61.87	84.42	60.40	35.49	9.27	18.92	32.35	19.84	12.99	24.96	39.50	25.58
+AdaLAM	**82.56**	93.44	27.42	7.64	14.75	27.12	16.50	37.77	54.58	68.59	53.65	**92.54**	53.27	15.01	1.02	2.77	6.11	1.30	6.40	13.73	22.79	14.31
+MAGSAC$_t$	**83.62**	92.29	26.13	33.41	47.09	60.63	47.05	36.06	53.19	66.99	52.08	**94.09**	46.55	12.11	4.69	10.27	17.84	10.93	5.40	12.31	21.38	13.03
+MAGSAC$_l$	**84.22**	92.53	25.25	33.39	46.84	60.62	46.95	35.33	52.27	66.81	51.47	**94.54**	46.67	11.21	5.10	10.95	18.37	11.47	6.58	13.67	22.63	14.29
+CC	45.92	92.27	89.48	13.99	24.45	37.80	25.42	44.34	62.09	75.45	60.63	40.75	51.34	**80.93**	1.83	6.66	9.77	5.42	8.70	18.89	30.77	19.45
+MAGSAC$_t$	53.76	96.23	80.73	37.74	52.70	66.78	52.41	44.22	62.36	76.12	60.91	81.65	58.58	40.46	5.25	11.67	20.40	12.44	8.74	18.59	30.82	19.38
+MAGSAC$_l$	56.71	96.66	75.81	38.54	53.14	67.33	53.00	43.35	61.61	75.62	60.19	83.72	58.57	35.76	5.39	11.74	20.68	12.61	8.73	18.86	31.05	19.54
+CLNet	48.44	91.36	88.00	3.09	6.91	16.55	8.85	40.97	60.35	75.36	58.89	77.43	57.74	52.39	0.47	2.16	6.81	3.14	9.04	19.84	32.09	20.32
+MAGSAC$_t$	55.27	96.13	79.18	27.94	42.25	58.04	42.74	38.46	58.62	73.88	56.79	83.73	60.98	39.26	4.32	10.17	19.92	11.47	8.43	19.07	31.89	19.80
+MAGSAC$_l$	58.21	96.62	74.21	28.64	43.05	59.18	43.62	39.87	59.55	75.00	58.14	85.55	60.69	34.66	4.35	10.07	19.56	11.33	9.07	19.44	31.53	20.02
+ConvMatch	56.91	90.02	79.68	16.08	26.10	43.04	29.07	41.14	59.35	73.49	58.00	65.88	58.86	69.86	2.07	6.48	16.45	8.34	12.01	24.63	38.01	24.88
+MAGSAC$_t$	62.34	93.59	71.70	32.80	47.32	61.06	47.46	42.08	59.64	73.54	58.42	81.19	61.67	46.43	7.64	17.39	29.31	18.11	11.50	24.33	38.16	24.66
+MAGSAC$_l$	64.73	93.97	67.25	33.49	47.40	61.27	47.39	41.63	59.77	73.91	58.44	83.33	61.60	41.19	7.74	17.46	29.39	18.21	11.07	23.95	37.89	24.31
+DeMatch	52.50	91.49	83.88	14.78	25.25	38.92	26.32	40.93	60.73	76.16	59.27	70.29	55.68	67.41	1.78	5.04	13.31	6.71	10.04	22.49	36.63	23.05
+MAGSAC$_t$	58.50	96.01	75.48	30.26	44.01	59.49	44.59	41.19	59.97	74.99	58.71	81.68	60.69	44.51	6.16	14.71	25.57	15.48	10.72	23.18	36.49	23.47
+MAGSAC$_l$	61.09	96.46	70.94	31.19	45.29	60.36	45.61	41.18	60.88	75.85	59.30	83.77	60.63	39.21	6.34	15.14	26.25	15.91	9.90	21.84	35.45	22.40
+FC-GNN	50.09	95.31	85.43	15.72	24.91	38.87	26.50	48.23	65.95	78.80	64.33	79.85	**63.72**	47.64	4.19	10.42	19.18	11.26	12.01	24.37	38.30	24.89
+MAGSAC$_t$	51.75	**97.09**	83.75	**47.81**	**61.26**	**73.34**	**60.65**	47.50	65.45	78.49	63.81	81.73	**64.92**	43.67	**9.65**	**19.75**	**31.44**	**30.38**	12.24	24.66	38.38	25.09
+MAGSAC$_l$	52.51	**97.30**	82.43	**47.12**	**61.38**	**73.28**	**60.59**	47.16	65.20	78.43	63.60	82.55	**64.90**	41.70	**9.60**	**19.54**	**31.44**	**30.09**	12.04	25.31	38.86	25.40
+MS	57.35	86.98	65.58	5.10	10.75	22.47	12.77	37.04	53.51	66.38	52.31	87.17	51.99	25.55	0.99	3.30	7.36	3.88	4.41	10.83	18.97	11.40
+MAGSAC$_t$	62.35	88.86	59.80	36.56	46.66	60.14	48.45	35.61	52.32	65.44	51.12	89.96	47.91	20.55	3.16	7.98	13.90	8.34	4.29	10.54	18.83	11.22
+MAGSAC$_l$	64.63	89.16	56.37	37.20	49.16	60.09	48.82	37.35	53.89	66.66	52.63	90.91	47.92	18.62	2.95	7.57	13.50	8.04	4.23	10.41	18.94	11.19
+MS²DG-Net	65.89	81.13	57.55	0.08	0.47	2.32	0.96	36.29	53.60	67.96	52.62	68.23	43.13	57.12	0.00	0.17	0.83	0.33	8.65	18.88	30.45	19.33
+MAGSAC$_t$	72.85	91.36	51.69	29.38	43.00	56.55	42.98	34.93	51.88	66.45	51.08	85.37	56.58	35.26	5.24	11.75	20.69	12.56	8.82	19.00	31.25	19.69
+MAGSAC$_l$	74.45	91.80	48.72	29.92	43.16	56.64	43.24	35.12	52.73	67.78	51.88	86.90	56.47	31.24	5.47	11.61	20.13	12.40	8.34	18.03	29.66	18.68
+NCC	0.00	53.09	**97.88**	0.11	0.19	0.74	0.35	44.66	61.89	75.50	60.68	0.00	24.54	**100.29**	0.00	0.10	0.47	0.19	10.18	21.17	32.98	21.44
+MAGSAC$_t$	51.39	92.48	82.89	30.83	42.77	54.19	42.60	44.69	63.21	77.48	61.79	78.72	54.97	46.19	5.77	13.07	23.07	13.97	10.64	22.42	35.60	22.88
+MAGSAC$_l$	54.41	93.13	77.91	31.92	44.06	55.41	43.80	43.18	62.07	76.78	60.68	81.20	55.11	40.69	5.87	13.29	23.54	14.24	10.38	21.91	34.47	22.25
+NCMNet	48.02	91.08	88.31	4.03	8.75	18.93	10.57	41.33	61.89	77.33	59.61	76.49	57.99	54.06	1.42	3.98	10.40	5.27	9.91	21.05	33.56	21.51
+MAGSAC$_t$	55.02	95.86	79.26	30.59	44.43	58.12	44.48	39.97	59.17	75.11	58.22	82.91	61.02	40.65	4.29	11.15	20.90	12.11	9.43	20.77	33.69	21.30
+MAGSAC$_l$	57.95	96.28	74.26	30.86	44.88	58.45	45.07	40.25	59.47	74.90	59.21	84.77	60.88	36.13	4.78	11.15	21.21	12.38	8.85	19.43	32.66	20.22
+OANet	66.72	94.73	63.21	15.00	26.42	40.02	27.15	37.07	56.26	72.20	55.18	80.63	60.42	50.20	3.33	9.56	20.06	10.98	10.49	22.24	35.72	22.82
+MAGSAC$_t$	69.12	96.60	59.31	25.78	40.23	56.30	40.77	35.40	55.52	72.35	54.42	85.12	62.45	38.62	5.86	14.72	26.58	15.72	11.16	23.95	37.11	24.07
+MAGSAC$_l$	70.83	**97.01**	56.17	26.09	40.89	57.32	41.43	36.76	57.02	73.20	55.06	86.61	62.49	34.55	6.10	14.34	26.21	15.55	10.33	21.99	35.34	22.55
+MOP$_{0.5K}$+MiHo	40.99	86.84	94.39	1.60	4.22	10.55	5.46	**50.22**	**67.35**	79.88	**65.81**	62.61	46.07	70.76	0.15	0.67	3.04	1.29	11.77	24.67	38.26	24.90
+MAGSAC$_t$	51.61	95.60	84.33	42.56	55.94	68.78	55.76	49.59	66.13	78.28	64.66	80.23	59.20	46.63	8.51	17.34	28.11	17.99	11.77	23.85	37.07	24.23
+MAGSAC$_l$	54.72	96.05	79.18	44.04	57.81	70.44	57.43	48.15	65.78	78.36	64.09	82.56	59.21	40.95	8.81	18.09	28.79	18.56	12.18	24.35	37.42	24.65
+MOP$_{0.5K}$+MiHo+NCC	40.99	85.87	**93.44**	1.43	4.02	10.09	5.18	47.26	64.20	77.69	63.05	62.61	45.76	71.09	0.22	0.69	3.14	1.35	11.66	24.26	37.15	24.36
+MAGSAC$_t$	51.03	95.40	84.84	41.19	54.90	67.33	54.48	47.80	65.12	78.20	63.54	79.50	59.10	48.24	8.45	17.91	28.64	18.34	11.85	23.86	37.48	24.39
+MAGSAC$_l$	53.07	95.77	81.34	41.65	55.53	68.05	55.08	47.21	65.09	78.20	63.50	81.41	58.96	43.43	8.05	17.36	28.59	18.00	11.28	23.63	37.42	24.11
+MOP$_{1.0K}$+MiHo	40.16	85.97	**96.16**	1.60	4.10	9.86	5.19	48.18	66.10	79.90	64.40	61.10	45.38	72.75	0.12	0.50	2.57	1.06	11.83	25.18	**58.91**	**25.33**
+MAGSAC$_t$	51.49	95.62	84.83	42.04	56.07	68.94	55.85	47.18	65.90	78.79	64.64	79.08	59.21	47.36	8.64	17.75	28.65	18.30	11.86	23.94	36.50	24.07
+MAGSAC$_l$	54.65	96.14	79.59	44.10	57.99	70.50	57.53	48.12	65.81	78.70	64.21	82.35	59.21	41.59	8.51	17.57	28.83	18.30	11.88	23.16	36.50	23.85
+MOP$_{1.5K}$+MiHo	39.76	85.77	95.68	1.53	3.60	9.41	4.84	**50.34**	**67.63**	**80.22**	**06.03**	60.17	45.06	73.89	0.10	0.55	2.96	1.20	**12.82**	**25.31**	38.91	25.68
+MAGSAC$_t$	51.47	95.75	85.12	40.99	55.15	68.18	54.77	49.63	67.24	79.94	65.60	79.86	59.66	47.81	8.41	17.70	30.22	19.30	**13.89**	**25.99**	39.04	**25.97**
+MAGSAC$_l$	54.62	96.26	79.91	43.02	56.66	69.72	56.47	48.65	66.10	79.03	64.59	82.20	59.75	42.19	9.15	**19.31**	30.33	19.56	12.67	**25.75**	38.75	25.72
+MOP$_{2.0K}$+MiHo	39.76	84.94	**94.84**	1.42	3.28	8.45	5.12	47.85	65.88	79.52	64.42	59.61	44.79	74.20	0.12	0.48	2.64	1.11	12.09	24.25	37.58	24.93
+MAGSAC$_t$	50.80	95.65	85.93	39.75	53.09	65.73	52.85	46.09	66.29	79.27	64.54	79.11	59.23	49.10	8.02	17.95	29.48	18.49	11.76	24.58	37.61	24.73
+MAGSAC$_l$	52.84	96.07	82.40	40.92	54.37	67.05	54.11	47.24	65.24	78.50	63.66	81.30	59.42	44.47	8.43	17.74	29.44	16.54	11.32	24.58	37.81	24.67
+MOP$_{2.0K}$+MiHo+NCC	39.47	85.41	**85.84**	1.30	2.81	7.95	4.02	**50.38**	**67.36**	79.87	**65.87**	59.64	44.60	74.31	0.07	0.46	2.56	1.03	11.83	24.90	38.74	25.16
+MAGSAC$_t$	51.37	95.75	85.33	42.38	55.75	68.31	55.88	49.33	67.18	**80.00**	65.99	79.81	59.57	47.99	8.20	17.72	28.01	17.98	12.39	24.95	38.55	25.30
+MAGSAC$_l$	54.55	96.24	80.02	43.11	56.76	69.75	56.54	47.85	65.99	79.05	65.04	82.19	59.62	42.21	8.89	18.16	29.35	18.80	12.19	24.42	37.98	24.86
+MOP$_{2.0K}$+MiHo+NCC	39.47	84.57	**94.97**	1.15	2.55	7.35	3.69	49.94	67.46	**80.60**	65.51	59.64	44.45	74.87	0.07	0.43	2.42	1.12	**13.08**	25.33	39.05	25.32
+MAGSAC$_t$	50.72	95.64	86.06	40.76	54.01	66.70	53.82	47.56	66.56	79.02	64.05	79.09	59.25	49.46	8.02	17.42	28.31	17.92	12.47	25.08	38.32	25.29
+MAGSAC$_l$	52.78	96.02	82.51	42.72	55.71	67.70	55.41	47.33	66.16	79.47	64.65	80.92	59.27	44.63	8.20	17.53	28.79	18.17	11.47	23.80	37.40	24.23
+MOP$_{0.5K}$	44.87	89.73	90.19	4.16	9.43	19.06	10.88	45.11	62.78	75.65	61.18	72.05	51.19	58.43	0.65	2.21	6.24	3.04	10.56	22.59	35.30	22.82
+MAGSAC$_t$	52.43	94.47	81.52	41.95	56.23	56.31	56.56	44.95	62.87	77.24	62.90	81.05	57.09	41.38	7.75	16.08	25.94	16.56	10.04	21.37	34.11	22.01
+MAGSAC$_l$	55.50	94.91	76.53	43.21	56.33	56.78	**56.10**	46.23	63.67	76.87	62.26	82.85	57.28	36.54	8.11	16.73	27.10	17.31	10.79	22.43	35.01	22.75
+MOP$_{0.5K}$+NCC	44.87	88.78	89.44	3.17	7.96	17.47	9.53	43.50	61.60	75.08	60.06	72.05	50.76	58.26	0.63	1.84	5.49	2.65	11.62	23.04	35.38	23.35
+MAGSAC$_t$	51.85	94.55	82.28	40.00	54.42	67.41	54.46	43.33	61.67	76.18	61.87	81.27	57.14	43.09	7.30	16.61	26.31	16.59	10.63	22.16	34.98	22.59
+MAGSAC$_l$	53.76	94.65	79.05	41.35	55.25	68.18	54.93	45.14	62.62	75.72	61.16	82.95	57.17	38.20	7.95	16.87	27.24	17.47	11.22	22.61	34.30	22.71
+MOP$_{1.0K}$	44.22	89.71	91.54	4.96	8.48	17.76	10.10	48.15	65.30	77.60	63.68	71.35	51.58	60.29	0.72	1.89	5.80	2.80	10.85	22.27	35.02	22.71
+MAGSAC$_t$	52.13	94.90	82.60	43.05	56.46	69.14	56.21	45.02	65.20	77.82	63.48	81.80	57.92	42.56	8.27	17.02	27.41	17.57	11.53	23.34	36.11	23.66
+MAGSAC$_l$	55.26	**95.31**	77.47	42.54	56.23	69.30	**56.02**	45.99	64.01	77.37	62.47	83.90	58.03	37.59	8.97	17.81	28.14	18.34	11.28	23.18	36.08	23.52
+MOP$_{1.0K}$+NCC	44.22	88.78	90.75	3.35	7.28	16.21	8.95	44.93	63.10	76.51	61.52	71.35	51.13	60.09	0.76	1.81	5.68	2.75	11.81	23.55	35.86	23.74
+MAGSAC$_t$	51.51	94.45	83.39	40.18	54.18	67.41	53.99	47.33	64.97	77.42	63.24	80.97	57.81	44.22	8.07	16.92	26.81	16.97	10.80	23.71	36.51	24.03
+MAGSAC$_l$	53.47	94.53	80.19	40.42	54.84	68.04	54.56	45.32	63.15	76.81	61.76	82.60	57.62	39.56	8.37	16.92	27.14	17.47	11.80	23.72	36.04	23.84
+MOP$_{1.5K}$	43.99	89.85	92.21	4.32	8.91	18.30	10.41	46.85	64.12	77.12	62.70	71.14	52.18	61.15	0.75	2.63	6.79	3.39	11.53	23.57	36.51	23.84
+MAGSAC$_t$	51.99	95.08	83.20	43.38	56.80	69.59	56.59	44.59	63.05	78.08	63.78	81.66	58.30	43.05	8.30	17.63	26.96	17.98	12.11	23.83	36.20	23.61
+MAGSAC$_l$	55.09	95.53	78.10	43.53	56.99	70.38	56.97	47.33	64.58	77.49	63.17	83.80	58.38	38.00	8.46	18.12	28.67	18.42	11.43	23.08	35.89	23.48
+MOP$_{1.5K}$+NCC	43.99	89.00	91.47	4.12	8.15	16.68	9.65	45.83	63.99	77.25	62.96	71.14	51.71	60.98	0.64	2.31	6.67	3.20	11.13	23.35	35.85	23.44
+MAGSAC$_t$	51.33	95.07	84.06	41.05	55.41	68.53	55.00	46.32	64.24	77.27	62.61	80.83	58.39	44.96	8.17	17.33	26.13	17.88	12.69	24.75	37.95	25.00
+MAGSAC$_l$	53.34	95.38	80.66	42.24	56.36	69.23	55.94	46.64	63.59	77.50	62.39	82.52	58.58	40.93	8.29	17.59	28.11	18.00	11.85	24.04	36.59	24.16
+MOP$_{2.0K}$	43.80	89.72	92.58	3.97	8.56	18.00	10.18	45.72	63.98	77.30	62.33	70.90	52.18	61.58	0.61	2.10	6.34	3.02	10.77	23.27	36.92	23.66
+MAGSAC$_t$	51.52	95.12	83.51	43.63	56.56	69.40	56.52	44.22	66.30	77.80	64.47	81.58	58.73	44.13	8.36	17.47	27.47	17.71	12.11	23.34	36.49	23.35
+MAGSAC$_l$	55.00	95.56	78.42	**44.39**	**58.26**	**70.78**	**57.81**	47.87	65.35	78.15	63.79	83.78	58.68	39.05	8.45	17.71	28.09	18.09	11.19	23.23	36.05	23.49
+MOP$_{2.0K}$+NCC	43.80	88.63	91.80	3.39	7.57	16.62	9.20	47.12	65.13	78.30	63.51	70.90	51.81	61.44	0.56	2.15	6.57	3.09	11.61	24.04	36.78	24.14
+MAGSAC$_t$	51.28	95.05	84.28	41.66	55.61	68.08	55.12	47.31	65.16	78.03	63.64	80.73	58.74	45.34	8.46	17.91	28.63	18.19	12.18	23.93	36.93	23.79
+MAGSAC$_l$	53.37	95.35	80.84	41.58	55.79	68.54	55.39	45.31	63.40	77.67	61.53	82.43	58.79	41.20	**9.33**	18.62	29.89	19.23	11.90	23.63	35.89	23.56