	Filtered	+Runtime	Precision	Recall	AUC_{α}^{F}	AUCF AUCF	aDepth AUC*	AUC ^F	AUCE.	$AUC_{\alpha_{1\alpha}}^{E}$	AUC_{nm}^{E}	AUC_2^E	Filtered	+Runtime	Precision	Recall	AUC_{i}^{F} .	AUC ^F	anNet AUCF	AUC*	AUC_{os}^{E}	$AUC_{0:10}^{E}$	AUCE	AUCE .
Pipeline DeDoDe v2	0.00	0.00	68.37	99.98	0.30	1.11	3.65	1.69	52.70	67.97	78.85	66.51	0.00	0.00	45.31	99.37	0.00	0.13	1.05	0.39	11.70	23.01	34.80	23.17
+MAGSAC _↓ +MAGSAC _↓	41.74 47.14	4.02 5.24	92.09 92.59	79.44 72.34	43.26 43.46 12.98	56.07 56.75	67.19 67.89	55.51 56.03	52.25 51.50	67.51 67.24	78.54 78.32	66.10 65.69	55.59 60.93	13.03 21.42	56.52 56.16	49.24 42.12	8.13 8.59	17.51 17.31	27.76 27.27	17.80 17.72	12.86 11.81	24.62 23.39	36.73 35.62	24.74 23.61
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	36.09 49.04 53.36	7.05 8.44 8.93	94.28 94.87	83.75 71.07 65.41	39.41 40.34	25.68 53.67 54.25	41.82 66.96 67.66	26.83 53.35 54.08	46.84 44.75 44.92	64.02 63.26 62.85	77.05 76.51 76.28	62.64 61.51 61.35	50.19 64.57 68.44	8.35 10.05 11.49	55.16 57.71 57.59	56.79 39.70 34.31	1.54 5.66 5.56	5.55 13.91 13.64	13.80 24.83 24.72	6.97 14.80 14.64	11.14 10.48 10.17	22.30 21.30 21.15	35.86 34.23 34.13	23.10 22.00 21.82
+AdaLAM $+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	0.00 41.74 47.14	2.20 6.24 7.43	68.37 92.09 92.59	99.98 79.44 72.34	0.30 43.26 43.46	1.11 56.07 56.75	3.65 67.19 67.89	1.69 55.51 56.03	52.70 52.25 51.50	67.97 67.51 67.24	78.85 78.54 78.32	66.51 66.10 65.69	0.00 55.59 60.93	1.31 14.38 22.72	45.31 56.52 56.16	99.37 49.24 42.12	0.00 8.13 8.59	0.13 17.51 17.31	1.05 27.76 27.27	0.39 17.80 17.72	11.70 12.86 11.81	23.01 24.62 23.39	34.80 36.73 35.62	23.17 24.74 23.61
+CC +MAGSAC _↑ +MAGSAC ₁	28.17 44.52 49.26	2324.19 2325.76 2326.05	87.91 94.28	91.55 76.42 70.25	16.86 48.95 50.04	27.75 61.83 62.68	40.74 72.29 72.89	28.45 61.03 61.87	50.67 51.36 50.35	66.37 66.81 66.34	77.99 77.97 77.81	65.01 65.38 64.83	32.01 59.06 63.63	1874.25 1877.30 1880.46	51.25 55.73 55.25	73.56 44.92 38.72	0.30 7.01 7.16	1.18 14.50 15.26	4.13 23.68 25.05	1.87 15.06 15.82	11.07 11.42 11.26	21.55 22.00 22.04	32.95 33.64 33.85	21.86 22.35 22.38
+CLNet +MAGSAC† +MAGSACı	37.82 50.62 54.78	32.20 33.40 33.71	86.87 92.49 93.04	79.15 66.85 61.63	2.54 31.58 32.57	7.16 45.25 46.31	17.69 59.17	9.13 45.33 46.42	43.33 42.73 42.96	61.17 60.31 60.06	74.07 73.72 73.11	59.52 58.92 58.71	60.31 71.51 74.79	20.01 21.63 22.53	59.54 61.53 61.49	49.81 35.54 30.97	0.48 3.53 3.80	1.62 8.29 8.95	4.92 17.00 17.73	2.34 9.60 10.16	7.90 7.11 7.64	17.76 16.81 16.47	30.33 29.17 28.20	18.66 17.70 17.43
+ConvMatch +MAGSAC↑ +MAGSAC⊥	66.65 72.73 75.01	24.52 25.97 26.06	85.66 87.62	49.33 42.30 38.92	13.92 25.47 25.48	23.82 36.84 37.01	36.48 49.34 49.34	24.74 37.22 37.28	32.26 32.91 32.96	48.13 48.12 47.47	60.85 61.12 60.26	47.08 47.38 46.90	67.05 76.69 79.45	41.89 43.47 44.74	64.16 65.78 65.83	47.32 32.68 28.30	2.27 4.79 4.79	6.95 11.73 11.53	16.66 22.40 22.08	8.63 12.98 12.80	8.98 9.62 8.92	19.56 20.82 19.96	32.86 34.25 33.12	20.46 21.56 20.67
+DeMatch +MAGSAC↑ +MAGSAC↓	51.79 60.95 64.19	40.36 42.07 42.57	88.06 92.69 93.16	64.51 54.90 50.57	13.55 28.27 29.67	24.25 42.69 44.16	38.48 57.36 58.17	25.43 42.77 44.00	39.17 37.37 39.04	57.24 56.14 56.82	71.21 70.82 71.30	55.87 54.78 55.72	62.80 73.38 76.43	68.92 70.71 72.11	61.34 63.08 63.15	49.52 34.21 29.77	1.49 3.66 3.40	4.61 9.73 10.09	11.63 20.32 20.70	5.91 11.24 11.40	9.12 8.41 8.81	19.91 18.94 19.36	33.19 31.91 32.41	20.74 19.75 20.19
+FC-GNN +MAGSAC _↑ +MAGSAC ₁	35.45 41.79 43.42	10.07 10.83 10.92	88.38 94.77	84.77 80.90 78.82	2.62 50.47 51.22	5.26 62.78 64.10	11.39 73.48 74.72	6.42 62.24 63.34	54.47 53.89 52.98	70.06 69.22 68.67	80.45 79.70	68.33 67.61	46.49 62.72 65.42	7.02 8.60 9.25	54.35 62.24 62.16	62.97 48.16 44.26	0.13 9.89 10.43	0.92 19.75 20.78	3.37 31.57 32.23	1.47 20.40 21.14	14.23 13.20	27.98 26.55 27.12	41.42 40.56 40.97	27.88 26.77 27.32
+GMS +MAGSAC _↑ +MAGSAC	34.72 49.52 53.82	24.27 25.42 25.76	84.36 92.10	79.85 67.14	11.36 49.02	20.26 62.02	32.50 72.05	21.37 61.03	49.93 51.57	65.07 66.69	75.85 77.13	63.62 65.13	34.53 61.43	34.87 38.02	51.60 56.39 55.83	71.56 42.84	0.19 7.11	1.00 14.87	4.01 24.58	1.73 15.52	10.82 9.29	21.77 20.08	33.68 32.25	22.09 20.54
+MS ² DG-Net +MAGSAC _↑ +MAGSAC _↓	72.95 79.80	14.41 15.62	83.11 91.12	36.48 30.58	0.21 30.74	0.74 44.82	3.32 58.34	1.42 44.64	32.51 30.79	48.45 46.05	63.05 60.35	48.01 45.73	65.88 70.26 80.70	41.70 24.29 25.96	54.24 57.09	36.71 35.21 21.92	7.04 0.00 2.06	0.07 5.95	24.75 0.47 13.27	0.18 7.09	9.84 4.55 4.83	20.67 11.07 10.49	33.00 20.35 19.80	21.17 11.99 11.70
+MAGSAC _↓ +NCC +MAGSAC _↑ +MAGSAC _↑	52.70	15.95 149.10 160.14	91.66 60.62 85.47	28.33 84.79 59.26	30.23 0.34 32.07	44.55 1.15 43.88	58.58 3.66 55.38	1.71 43.78	32.00 43.37 42.25	47.18 57.56 56.26	61.93 69.25 67.85	47.04 56.72 55.46	0.00 56.57	27.12 158.06 173.12	56.64 43.88 55.69	19.29 97.76 47.45	2.48 0.00 6.89	6.20 0.12 14.30	13.13 1.04 24.37	7.27 0.39 15.19	4.39 11.24 11.48	10.20 22.30 22.72	18.92 33.90 34.76	11.17 22.48 22.99
+NCMNet +MAGSAC _↑	36.94 49.77	36.30 37.48	86.11 87.82 93.58	53.90 81.53 69.06	32.90 2.37 34.33	6.41 47.39	56.42 16.78 61.12	8.52 47.61	40.66 43.18 44.12	55.83 61.31 61.84	74.25 74.71	54.75 59.58 60.22	61.01 60.47 71.72	180.31 56.82 58.26	55.36 61.32 63.54	41.71 51.30 36.99	6.91 1.25 4.93	3.40 10.84	8.09 19.85	15.52 4.24 11.87	9.84 9.10	21.72 20.09 19.24	34.26 32.72 32.47	22.04 20.88 20.27
+MAGSAC↓ +OANet +MAGSAC↑	54.00 71.52 76.77	37.78 11.27 12.08	94.06 87.75 92.71	63.56 38.12 32.89	34.23 3.58 22.34	9.51 35.77	61.78 19.69 50.36	48.02 10.93 36.16	34.14 31.52	61.81 50.95 49.30	74.88 65.74 64.60	50.28 48.47	75.21 79.61 83.56	59.17 17.99 19.24	63.45 49.18 50.05	32.00 19.61 14.70	0.51 1.26	1.62 4.37	20.09 4.98 10.36	2.37 5.33	9.10 3.35 2.99	8.84 8.75	33.06 16.97 16.94	9.72 9.56
$+MAGSAC_{\downarrow}$ $+MOP_{0.5K}+MiHo$ $+MAGSAC_{\uparrow}$	41.98	12.36 489.39 492.31	93.11 74.40 92.67	30.33 98.76 79.48	0.59 44.49	36.81 1.44 57.74	50.90 5.10 68.56	2.38 56.93	32.45 53.75 51.47	49.68 69.14 67.42	65.11 79.76 78.70	49.08 67.55 65.87	84.87 8.15 55.93	19.83 733.94 743.58	49.98 47.28 56.89	95.52 49.62	0.00 8.62	0.38 18.01	9.61 1.97 28.71	0.78 18.45	3.33 12.04 12.32	8.71 23.51 24.16	17.04 35.24 36.25	9.69 23.60 24.24
+MAGSAC ₁ +MOP _{0.5K} +MiHo+NCC +MAGSAC _↑	10.96	493.23 633.28 636.74	93.42 71.37 93.38	72.69 94.82 77.44	0.58 41.53	58.71 1.51 54.49	5.14 66.29	57.93 2.41 54.10	51.64 51.68 51.33	67.38 67.53 67.42	78.60 78.97 79.09	65.87 66.06 65.95	61.18 8.15 54.92	750.84 880.93 890.18	56.45 46.37 56.95	42.37 95.16 50.94	8.21 0.00 7.73	0.39 16.57	27.64 1.95 27.27	0.78 17.19	12.64 11.37 13.11	24.15 23.04 25.43	36.98 35.88 38.00	24.59 23.43 25.52
$+MAGSAC_{\downarrow}$ $+MOP_{1.0K}+MiHo$ $+MAGSAC_{\uparrow}$	10.32	637.57 815.66 818.66	93.94 74.00 92.62	73.02 99.03 79.64	0.48 44.99	56.90 1.54 58.00	68.46 4.91 68.88	56.23 2.31 57.29	51.13 51.89 52.03	67.27 67.83 67.39	78.57 79.10 78.94	65.66 66.27 66.12	7.66 55.99	895.91 1173.03 1183.03	56.75 47.16 56.87	45.33 95.86 49.45	8.18 0.00 7.89	0.21 16.83	28.04 1.65 27.21	0.62 17.31	13.49 12.34 12.10	26.06 23.64 24.73	37.99 35.00 37.32	25.85 23.66 24.72
$+MAGSAC_{\downarrow}$ $+MOP_{1.0K}+MiHo+NCC$ $+MAGSAC_{\uparrow}$	10.32	819.59 960.13 963.68	93.23 71.03 93.32	72.71 95.14 77.45	0.51 39.90	59.53 1.60 53.71	70.29 4.89 65.78	2.33 53.13	51.77 52.54 50.05	67.72 68.79 67.45	79.01 80.02 79.49	66.17 67.12 65.66	7.66 54.80	1190.71 1320.46 1329.88	56.56 46.26 57.07	42.54 95.18 51.21	8.50 0.00 8.49	17.43 0.24 17.38	27.82 1.65 28.21	0.63 18.03	12.49 12.79 13.05	24.26 24.34 25.55	36.63 36.38 37.99	24.46 24.51 25.53
$+MAGSAC_{\downarrow}$ $+MOP_{1.5K}+MiHo$ $+MAGSAC_{\uparrow}$	9.89 41.93	964.54 1118.10 1121.19	93.95 73.70 92.56	73.06 99.07 79.59	0.47 44.59	55.02 1.44 57.12	4.89 67.73	54.70 2.27 56.48	51.09 52.90 51.01	67.46 68.02 66.45	79.25 78.46 77.79	65.93 66.46 65.08	58.94 7.41 55.94	1335.48 1551.65 1561.72	56.86 47.12 57.02	45.54 96.08 49.47	0.00 7.98	0.23 17.09	27.57 1.69 27.59	0.64 17.55	12.79 11.60 12.60	24.54 22.97 24.86	37.29 35.04 37.31	24.88 23.20 24.92
$+MAGSAC_{\downarrow}$ $+MOP_{1.5K}+MiHo+NCC$ $+MAGSAC_{\uparrow}$	9.89	1122.12 1263.00 1266.63	93.38 70.76 93.46	72.88 95.13 77.61	0.49 39.85	58.78 1.44 53.18	4.76 65.93	2.23 52.99	51.03 52.00 50.11	66.70 68.90 66.28	78.08 80.14 78.37	65.27 67.02 64.92	7.41 54.81	1569.41 1699.43 1708.89	56.53 46.24 57.37	42.33 95.74 51.45	8.26 0.00 8.06	0.24 16.79	27.49 1.71 27.47	0.65 17.44	12.43 12.10 12.33	23.54 23.67 24.78	35.64 35.63 37.99	23.87 23.80 25.03
$+MAGSAC_{\downarrow}$ $+MOP_{2.0K}+MiHo$ $+MAGSAC_{\uparrow}$	9.68 41.91	1267.46 1435.10 1438.16	94.08 73.60 92.49	73.11 99.21 79.55	41.63 0.64 45.11	54.93 1.59 57.92	4.78 68.24	2.34 57.09	49.90 55.18 52.57	66.38 69.91 68.01	78.27 80.11 79.00	64.85 68.40 66.52	58.87 7.25 55.94	1714.46 1874.06 1884.10	57.13 47.07 56.75	45.88 96.08 49.43	7.87 0.00 8.25	17.00 0.24 16.99	28.09 1.70 27.44	17.65 0.65 17.56	12.82 11.73 12.43	24.91 22.89 24.35	37.76 34.79 37.14	25.16 23.14 24.64
+MAGSAC _↓ +MOP _{2.0K} +MiHo+NCC +MAGSAC _↑	47.24	1439.15 1583.54 1587.07	93.28 70.67	72.74 95.50 77.82	46.09 0.65 40.82	58.84 1.58 54.25	69.66 4.71 66.47	58.20 2.32 53.84	51.70 52.86 50.73	66.98 68.38 67.18	78.18 79.71 78.93	65.62 66.99 65.62	61.16 7.25 54.83	1891.93 2034.75 2044.23	56.64 46.18 56.80	42.50 95.53 51.08	8.54 0.00 8.23	17.49 0.23 16.85	27.75 1.70 27.29	17.92 0.64 17.46	12.39 12.64 12.91	23.77 24.60 24.64	36.36 36.31 37.16	24.17 24.52 24.91
$+MAGSAC_{\downarrow}$ $+MOP_{0.5K}$ $+MAGSAC_{\uparrow}$	47.58 17.75	1588.01 409.92 411.72	93.95 79.29	73.30 96.92 79.44	41.72 1.11 46.26	55.41 3.11 50.18	67.59 8.18	54.90 4.13	50.96 53.21 53.27	67.44 68.71 69.05	79.36 79.66 80.01	65.92 67.19 67.44	58.85 14.43 56.39	2049.88 702.08 709.55	56.62 48.90 57.22	45.48 91.50 49.31	8.37 0.13 8.57	17.20 0.33 17.52	28.36 2.25 27.97	17.98 0.90 18.02	12.83 11.78 12.14	25.10 23.21 23.71	37.29 35.23 36.25	25.07 23.41 24.03
+MAGSAC _↓ +MOP _{0.5K} +NCC +MAGSAC _↑	47.53 17.75	412.36 548.18 550.41	94.11 75.81 93.64	72.72 92.68 76.59	47.21 1.06 41.44	3.09 54.76	71.67 8.18 66.91	59.77 4.11 54.37	53.39 51.48 50.27	68.67 67.57 66.51	79.80 79.17 78.41	67.28 66.08 65.06	61.63 14.43 55.12	716.42 845.65 852.40	56.82 47.99 57.69	42.33 90.99 51.68	8.46 0.13 8.28	17.36 17.36 0.35 17.15	27.74 27.74 2.26 27.22	17.85 0.91	12.50 12.08 12.88	24.08 24.39 25.37	36.51 37.10 38.32	24.03 24.37 24.52 25.52
+MAGSAC ₁ +MOP _{1.0K} +MAGSAC ₂	48.02 17.04	551.16 620.21 622.01	94.20 78.80 93.41	76.59 72.24 97.21 79.61	43.90 0.97 46.25	57.21 2.22 59.38	69.17 69.17 6.98	54.37 56.76 3.39 58.61	51.16 54.61	67.23 69.95	78.83 80.20	65.74 68.25	59.05 13.72 56.30	857.18 1096.17 1103.84	57.59 57.59 48.81 57.17	92.62 49.31	8.28 8.90 0.20 8.47	17.15 17.70 0.57 17.29	27.22 28.36 2.75 27.77	17.55 18.32 1.17 17.85	12.88 13.31 12.10 12.17	26.10 23.23 23.27	38.51 34.96 35.96	25.52 25.97 23.43 23.80
+MAGSAC _↓ +MOP _{1.0K} +NCC +MAGSAC _↑	47.42 17.04	622.65 759.09	93.41 94.03 75.42	72.83 93.01	47.26 1.03	60.39 2.46	71.24	59.63 3.50	53.29 54.35 52.06	68.95 67.84	79.65 79.51	67.04 67.65	61.46 13.72	1110.70 1240.30	56.86 47.89	42.40 92.28	8.54 0.20	17.55	27.78	17.95	12.57 12.97	23.92 25.11	35.96 36.15 37.56	24.21 25.21
+MAGSAC _↓ +MOP _{1.5K}	47.91 16.65	761.44 762.15 811.99	93.86 94.37 78.47	76.96 72.57 97.39	42.74 43.03 0.81	55.41 56.11 2.25	66.96 68.07 7.23	55.04 55.74 3.43	51.07 50.83 53.36	67.18 67.21 68.63	78.91 79.20 79.69	65.72 65.75 67.23	55.05 59.06 13.56	1247.22 1252.07 1424.17	57.92 57.75 48.73	51.91 46.50 92.73	9.08 9.17 0.13	18.29 18.15 0.44	28.83 29.22 2.27	18.73 18.85 0.95	13.34 12.64 11.67	26.27 25.45 23.25	39.81 39.02 35.06	26.47 25.70 23.33
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$ $+MOP_{1.5K}+NCC$	47.41 16.65	813.82 814.57 953.19	93.22 93.98 75.13	79.43 72.83 93.22	45.55 47.48 0.89	58.65 60.40 2.32	69.64 71.05	57.95 59.64 3.41	52.51 51.19 54.26	68.39 67.29 69.53	79.48 78.90	66.79 65.79 68.00	56.35 61.47 13.56	1431.78 1438.83 1568.90	57.07 56.83 47.81	49.28 42.49 91.91	8.30 8.36 0.14	17.17 17.22 0.45	27.54 27.62 2.27	17.67 17.73 0.95	11.66 13.42 13.13	23.84 24.63 25.32	36.51 36.93 37.47	24.01 25.00 25.31
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$ $+MOP_{2.0K}$	44.45 47.91	955.53 956.32 1006.02	93.73 94.22 78.32	77.03 72.53	42.00 43.87	55.27 57.19 2.55	67.86 69.23 7.30	55.04 56.76	49.87 49.24 53.47	66.09 65.83	78.26 78.56	64.74 64.55	54.95 58.96	1575.72 1580.65 1699.43	57.68 57.34 48.69	51.76 46.22 92.64	8.66 8.89 0.13	18.30 18.02 0.53	29.25 28.85 2.63	18.74 18.59	13.46 13.46	26.46 25.70 22.94	39.47 37.74 34.41	26.51 25.63 23.01
$+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	42.17 47.42	1007.87 1008.66	93.18 93.77	79.54 72.67	46.15 48.06	58.66 60.95	69.72 71.41	58.17 60.14	52.38 52.38	68.02 67.82	79.36 78.63	66.59 66.28	56.42 61.54	1707.24 1714.05	57.21 56.67	49.28 42.07	8.25 8.18	17.05 17.09	27.45 27.81	17.58 17.69	12.88 12.70	24.84 24.25	37.01 36.86	24.91 24.60
$+MOP_{2.0K}+NCC$ $+MAGSAC_{\uparrow}$ $+MAGSAC_{\downarrow}$	44.38	1149.35 1151.64 1152.37	75.04 93.86 94.49	93.38 77.26 72.97	0.85 41.28 42.33	2.35 54.69 56.47	7.11 66.93 69.23	3.44 54.30 56.01	52.64 52.78 49.68	68.29 68.69 66.37	79.73 79.44 78.66	66.89 66.97 64.90	13.45 55.05 58.99	1857.17 1864.18 1869.29	47.74 57.26 57.25	91.83 51.35 46.05	0.13 8.37 9.10	0.53 17.50 18.33	2.67 28.25 29.03	1.11 18.04 18.82	12.20 13.57 13.33	23.92 26.05 26.14	36.53 39.07 38.65	24.21 26.23 26.04