









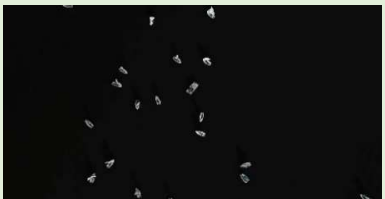



Result on GMOT40 detection											
DataSets	Methods	HOTA	MOTA	MOTP	FP	FN	FP+FN	MT	ML	FM	IDS
 Airplane-0	MHT	57.51	58.87	88.36	10	3467	3477	8	4	670	11
	FairMOT	83.46	96.19	88.94	177	133	310	23	13	1080	1555
	Sort	85.77	96.82	89.39	102	160	262	23	0	7	8
	ByteTrack	85.36	97.57	89.06	22	179	201	22	0	7	5
	SCGTracker*	84.91	96.31	89.12	35	165	200	23	0	8	7
	UCMCTrack	63.2	84.66	88.77	525	580	1105	21	0	103	196
	Hybird-Sort*	86.2	96.22	89.32	26	242	268	23	0	7	4
	SUSHI	86.1	97.1	89.22	20	141	161	23	0	7	5
	DiffMOT	85.95	97	89.2	21	143	164	23	0	7	5
	MLHT	88.58	94.26	88.97	321	109	430	23	0	11	57
 Airplane-1	MHT	58.78	71.68	83.05	68	1380	1448	11	0	176	14
	FairMOT	71.78	82.24	82.97	297	374	671	19	0	216	246
	Sort	73.56	89.13	82.9	174	359	533	20	0	135	28
	ByteTrack	73.3	87.06	82.53	256	394	650	19	0	202	32
	SCGTracker*	73.13	85.23	82.81	192	381	573	19	0	122	19
	UCMCTrack	52.21	79.64	82.74	554	387	941	20	0	140	110
	Hybird-Sort*	72.41	88.47	82.94	167	345	512	21	0	101	33
	SUSHI	72.93	88.4	82.96	165	337	502	21	0	102	15
	DiffMOT	72.59	87.98	82.95	166	342	508	21	0	103	16
	MLHT	73.4	87.25	82.91	341	211	552	21	0	103	106
 Airplane-2	MHT	48.58	46.52	89.95	11	3175	3186	6	7	409	23
	FairMOT	71.67	91.27	88.23	435	13	448	24	0	12	76
	Sort	72.47	92.93	88.53	276	104	380	24	0	36	44
	ByteTrack	83.07	96.88	88.44	57	112	169	24	0	52	18
	SCGTracker*	83.51	94.81	88.12	36	86	122	24	0	21	10
	UCMCTrack	30.68	47.5	87.57	2628	203	2831	24	0	77	319
	Hybird-Sort*	82.63	95.43	88.93	20	101	121	24	0	18	4
	SUSHI	84.95	95.41	95.5	4	74	78	24	0	48	0
	DiffMOT	84.85	97.4	95.45	5	76	81	24	0	62	0
	MLHT	78.2	98.8	95.72	0	72	72	24	0	48	0

DataSets	Methods	HOTA	MOTA	MOTP	FP	FN	FP+FN	MT	ML	FM	IDS
 Airplane-3	MHT	45.63	58.14	90	16	1469	1485	4	8	146	17
	FairMOT	68.64	93.84	88.29	90	70	160	12	0	16	61
	Sort	77.89	95.54	88.64	47	95	142	12	0	17	18
	ByteTrack	79.92	97.58	88.33	15	64	79	12	0	8	8
	SCGTracker*	77.12	95.31	88.84	28	75	103	12	0	12	9
	UCMCTrack	25.01	63.32	87.46	860	228	1088	12	0	100	228
	Hybird-Sort*	77.33	97.12	88.92	20	65	85	12	0	9	5
	SUSHI	80.95	98.61	93.94	5	39	44	12	0	4	5
	DiffMOT	80.9	98.6	93.92	5	41	46	12	0	4	5
	MLHT	81.44	98.64	93.96	4	38	42	12	0	4	5
 Ball-0	MHT	83.38	94.62	91.34	11	193	204	14	1	29	9
	FairMOT	85.3	95.4	90.7	23	107	130	15	0	46	52
	Sort	83.88	96.01	90.88	27	119	146	15	0	15	12
	ByteTrack	87.61	96.36	90.65	17	120	137	15	0	15	7
	SCGTracker*	87.12	96.15	90.94	19	113	132	15	0	15	8
	UCMCTrack	84.82	96.04	91.24	54	91	145	15	0	14	12
	Hybird-Sort*	87.33	96.29	91.08	16	110	126	15	0	15	6
	SUSHI	87.4	97.4	91.14	16	131	147	15	0	15	7
	DiffMOT	87.35	97.39	91.16	17	41	58	15	0	15	7
	MLHT	87.54	97.42	91.13	41	41	82	15	0	15	20
 Ball-1	MHT	59.06	80.21	78.72	268	1361	1629	64	1	243	131
	FairMOT	59.29	73.6	77.88	359	1345	1704	59	3	413	644
	Sort	61.43	80.93	78.65	200	1396	1596	61	6	135	100
	ByteTrack	62.83	79.01	78.41	115	1700	1815	53	8	104	52
	SCGTracker*	61.22	80.25	78.66	193	1375	1568	64	1	148	71
	UCMCTrack	48.46	43.49	78.19	3715	1310	5025	60	2	326	542
	Hybird-Sort*	62.41	81.18	78.69	160	1210	1370	68	0	112	60
	SUSHI	63.38	82.41	78.28	566	623	1189	83	0	169	364
	DiffMOT	63.32	82.36	78.26	601	592	1193	81	1	172	376
	MLHT	63.42	82.45	78.27	531	668	1199	85	0	164	362

DataSets	Methods	HOTA	MOTA	MOTP	FP	FN	FP+FN	MT	ML	FM	IDS
 Ball-2	MHT	58.56	72.84	90.75	3	756	759	12	1	113	41
	FairMOT	64.44	86.25	87.75	31	271	302	20	0	85	103
	Sort	63.13	86.18	88.48	8	367	375	19	1	41	32
	ByteTrack	71.1	88.02	86.45	18	314	332	20	1	37	21
	SCGTracker*	70.55	86.43	87.56	15	301	316	19	1	38	26
	UCMCTrack	27.28	15.85	88.32	1169	941	2110	1	1	185	369
	Hybird-Sort*	71.31	87.55	87.62	13	261	274	20	1	37	18
	SUSHI	71.35	87.57	87.65	21	254	275	20	1	38	20
	DiffMOT	71.08	87.34	87.6	28	247	275	20	1	39	21
	MLHT	73.05	86.66	90.49	58	195	253	21	0	42	140
 Ball-3	MHT	45.63	47.5	82.78	175	2091	2266	12	10	206	88
	FairMOT	49.49	52.1	81.09	334	1580	1914	12	10	216	234
	Sort	46.2	52.07	81.72	229	1810	2039	10	11	143	110
	ByteTrack	51.74	54.28	82.03	144	1827	1971	11	12	118	79
	SCGTracker*	51.14	53.13	81.93	157	1860	2017	11	10	135	97
	UCMCTrack	47.34	45.92	80.83	829	1437	2266	17	7	177	159
	Hybird-Sort*	51.11	54.01	81.97	139	1751	1890	13	7	124	81
	SUSHI	51.18	53.97	81.95	142	1664	1806	13	8	132	112
	DiffMOT	51.15	53.89	81.94	155	1740	1895	13	8	129	83
	MLHT	51.24	54.28	81.66	441	1314	1755	24	6	173	295
 boat-0	MHT	52.64	52.33	88.99	159	3206	3365	14	9	473	21
	FairMOT	80.06	90.89	88.96	527	83	610	42	0	17	37
	Sort	83	91.98	90.23	400	149	549	42	0	18	21
	ByteTrack	83.64	93.05	88.88	352	134	486	41	0	11	8
	SCGTracker*	82.33	92.17	89.05	96	121	217	41	1	13	10
	UCMCTrack	82.26	88.37	90.08	699	105	804	42	0	12	22
	Hybird-Sort*	83.4	92.84	89.22	59	113	172	42	0	12	7
	SUSHI	83.46	92.97	89.14	64	116	180	41	0	12	9
	DiffMOT	83.43	92.76	89.13	73	110	183	41	0	13	11
	MLHT	84.26	94.55	100	0	201	201	15	0	18	15

DataSets	Methods	HOTA	MOTA	MOTP	FP	FN	FP+FN	MT	ML	FM	IDS
 boat-1	MHT	42.93	42.56	89.7	105	4295	4400	3	7	422	18
	FairMOT	77.71	88.98	89.51	646	105	751	28	0	25	97
	Sort	78.92	91.97	89.02	460	107	567	28	0	26	51
	ByteTrack	83.85	94.66	89.1	233	171	404	28	0	28	7
	SCGTracker*	81.22	90.06	89.29	269	122	391	28	0	26	41
	UCMCTrack	70.09	86.99	89.36	913	72	985	28	0	7	16
	Hybird-Sort*	82.31	92.01	89.32	211	116	327	28	0	24	16
	SUSHI	82.34	92.13	89.36	218	117	335	28	0	23	15
	DiffMOT	82.31	91.97	89.35	240	112	352	28	0	24	17
	MLHT	82.29	92.67	90.03	339	192	531	28	0	34	33
 boat-2	MHT	78.09	93.58	86.98	10	194	204	15	1	32	5
	FairMOT	84.52	86.25	87.75	31	271	302	20	0	85	103
	Sort	84.75	97.3	87.41	15	71	86	16	1	3	2
	ByteTrack	85.63	98.4	86.83	1	51	52	16	1	1	0
	SCGTracker*	84.54	97.87	87.06	6	55	61	16	1	1	2
	UCMCTrack	84.16	96.34	86.76	36	83	119	16	1	0	0
	Hybird-Sort*	84.88	98.14	87.14	2	53	55	16	1	1	1
	SUSHI	84.87	98.2	86.94	6	54	60	16	1	1	0
	DiffMOT	84.8	98.1	87.13	9	52	61	16	1	1	1
	MLHT	84.69	96.71	86.76	46	49	95	16	1	0	12
 boat-3	MHT	65.48	64.54	90.17	5	1279	1284	13	5	53	4
	FairMOT	75.87	82.08	88.23	243	375	618	22	0	18	33
	Sort	76.39	86.59	88.49	58	433	491	21	1	5	6
	ByteTrack	77.9	80.12	88.32	316	423	739	22	1	27	45
	SCGTracker*	70.11	85.4	89.02	24	397	421	22	1	8	15
	UCMCTrack	74.98	74.2	88.11	570	352	922	22	0	9	15
	Hybird-Sort*	71.2	85.91	89.1	19	374	393	22	1	7	10
	SUSHI	75.97	81.91	89.11	20	372	392	22	1	8	11
	DiffMOT	75.89	81.82	88.79	23	369	392	22	1	9	10
	MLHT	78.01	84	88.91	128	361	489	22	1	15	20

DataSets	Methods	HOTA	MOTA	MOTP	FP	FN	FP+FN	MT	ML	FM	IDS
Overall	MHT	58.02	63.28	87.56	841	22866	23707	176	54	2972	382
	FairMOT	72.69	84.93	86.69	3283	4727	8010	296	26	2229	3241
	Sort	73.95	88.12	87.03	1996	5170	7166	291	20	581	432
	ByteTrack	77.16	88.58	86.58	1546	5489	7035	283	23	610	268
	SCGTracker*	75.58	87.76	86.87	1070	5051	6121	294	15	547	315
	UCMCTrack	57.54	68.53	86.62	12552	5789	18341	278	11	1150	1988
	Hybird-Sort*	76.29	89.01	87.02	852	4616	5468	304	10	467	245
	SUSHI	77.07	89.01	87.93	1247	3922	5169	318	11	559	563
	DiffMOT	76.97	88.88	87.91	1343	3865	5208	316	12	578	552
	MLHT	77.18	88.97	89.06	2250	3451	5701	306	8	627	1065