Benchmark Results

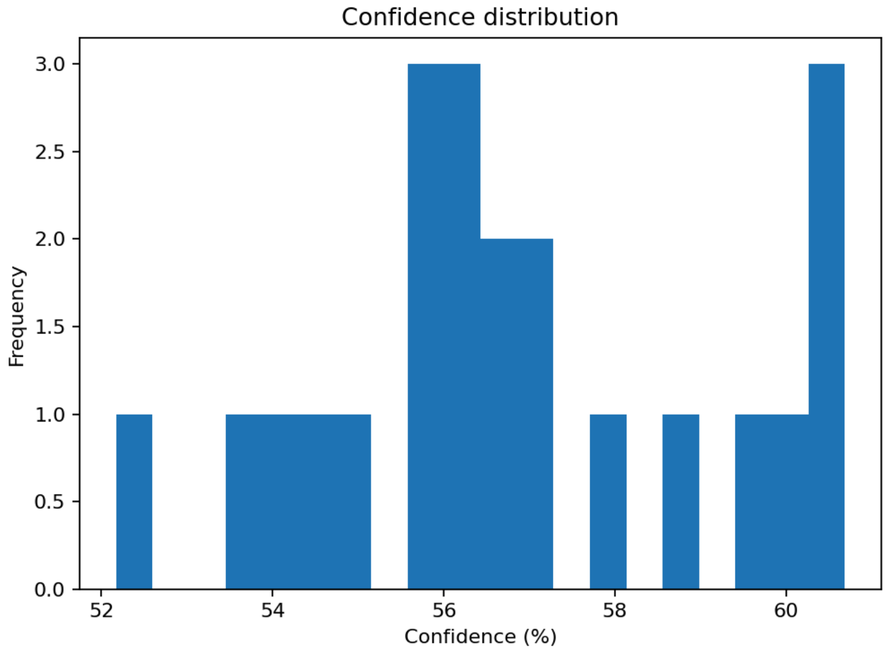
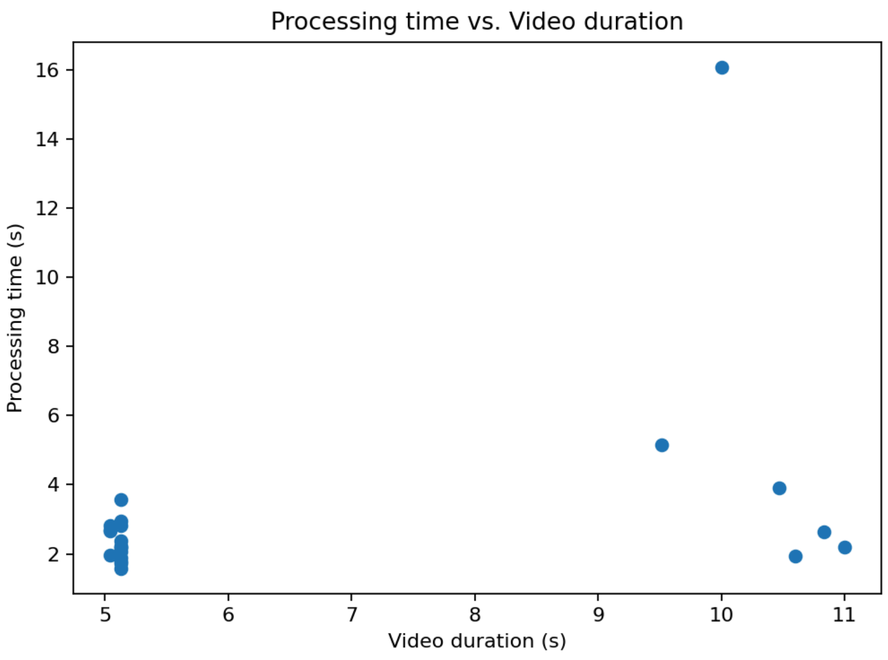
Summary metrics (ground truth: FAKE)

TP (FAKE correctly detected)	7
FP (REAL wrongly flagged as FAKE)	0
TN (REAL correctly kept as REAL)	0
FN (FAKE missed as REAL)	15
total_samples	22
accuracy	0.3182
recall_FAKE_sensitivity	0.3182
precision_FAKE	1.0000
specificity_REAL	nan
f1_FAKE	0.4828

Detailed table

index	filename	label	confidence	processing_time_sec	video_duration_sec	file_size_mb	error	true_label	pred_is_real	pred_is_fake	pred_label	is_correct	error_type
29	VIDEO_29_HD_SHORT.mp4	FAKE	52.17	16.08	10.000000	0.516	NaN	FAKE	False	True	FAKE	True	
30	VIDEO_30_HD_SHORT.mp4	REAL	55.74	5.16	9.511706	0.456	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
31	VIDEO_31_HD_SHORT.mp4	FAKE	54.13	1.94	10.600000	0.517	NaN	FAKE	False	True	FAKE	True	
32	VIDEO_32_HD_SHORT.mp4	REAL	55.94	2.63	10.833333	1.051	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
33	VIDEO_33_HD_SHORT.mp4	REAL	60.69	3.91	10.466667	0.917	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
34	VIDEO_34_HD_SHORT.mp4	REAL	57.11	2.21	11.000000	1.162	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
35	VIDEO_35_HD_SHORT.mp4	REAL	60.45	2.82	5.041667	0.491	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
36	VIDEO_36_HD_SHORT.mp4	REAL	56.65	2.66	5.041667	0.642	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
37	VIDEO_37_HD_SHORT.mp4	FAKE	54.32	2.83	5.125000	0.582	NaN	FAKE	False	True	FAKE	True	
38	VIDEO_38_HD_SHORT.mp4	REAL	56.08	2.23	5.125000	0.620	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
39	VIDEO_39_HD_SHORT.mp4	FAKE	59.76	2.94	5.125000	0.645	NaN	FAKE	False	True	FAKE	True	
40	VIDEO_40_HD_SHORT.mp4	FAKE	57.80	1.58	5.125000	0.463	NaN	FAKE	False	True	FAKE	True	
41	VIDEO_41_HD_SHORT.mp4	FAKE	60.13	2.20	5.125000	0.592	NaN	FAKE	False	True	FAKE	True	
42	VIDEO_42_HD_SHORT.mp4	REAL	55.99	2.16	5.125000	0.628	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
43	VIDEO_43_HD_SHORT.mp4	REAL	55.01	1.77	5.125000	0.578	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
44	VIDEO_44_HD_SHORT.mp4	FAKE	60.51	1.96	5.041667	0.739	NaN	FAKE	False	True	FAKE	True	
45	VIDEO_45_HD_SHORT.mp4	REAL	53.46	2.38	5.125000	0.499	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
46	VIDEO_46_HD_SHORT.mp4	REAL	56.98	1.72	5.125000	0.647	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
47	VIDEO_47_HD_SHORT.mp4	REAL	56.28	3.58	5.125000	0.640	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
48	VIDEO_48_HD_SHORT.mp4	REAL	56.31	2.06	5.125000	0.523	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
49	VIDEO_49_HD_SHORT.mp4	REAL	58.96	1.89	5.125000	0.538	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)
50	VIDEO_50_HD_SHORT.mp4	REAL	56.56	2.69	5.041667	0.476	NaN	FAKE	True	False	REAL	False	FN (FAKE→REAL)

Confidence distribution



Processing time vs. Video duration