Table 1: Mean of the F-measure, Precision and Recall scores and sum of the #TP, #FP and #FN scores across the *Cuica*, *Gonge-Lo*, *Mineiro*, *Tambor-Hi* and *Tarol* datasets for the baseline and the finetuned (with different sets of frozen layers) approaches tested on the `TCNv2` network.

Dataset	Model	F-measure	Precision	Recall	#TP	#FP	#FN
Cuica	bsl*	0.429	0.832	0.324	1,436	*126*	3,158
	ft_{Conv1}	0.749	0.775	0.742	3,263	899	1,331
	ft_{Conv2}	0.921	0.926	0.927	4,103	305	491
	ft_{Conv3}	0.944	**0.952**	0.942	4,203	189	391
	ft_{Tcn1}	0.944	0.937	0.957	4,294	252	300
	ft_{Tcn2}	0.943	0.933	0.961	4,320	276	274
	ft_{Tcn4}	0.945	0.931	0.966	4,359	286	235
	ft_{Tcn8}	0.946	0.930	0.969	4,385	291	209
	ft_{Tcn16}	0.948	0.928	0.975	4,427	301	167
	ft_{Tcn32}	0.948	0.926	0.976	4,438	308	156
	ft_{Tcn64}	0.949	0.926	0.978	4,456	310	138
	ft_{Tcn128}	0.950	0.927	0.978	4,460	303	134
	ft_{Tcn256}	0.950	0.930	0.976	4,444	289	150
	ft_{Tcn512}	0.952	0.932	0.976	4,447	279	147
	$ft_{Tcn1024}$	0.953	0.936	0.974	4,432	262	162
	ft	**0.955**	0.935	**0.979**	**4,471**	267	*123*
Gonge-Lo	bsl*	0.892	**0.960**	0.851	3,891	*159*	832
	ft_{Conv1}	0.932	0.921	0.949	4,381	355	342
	ft_{Conv2}	0.946	0.949	0.949	4,383	222	340
	ft_{Conv3}	0.940	0.941	0.945	4,356	255	367
	ft_{Tcn1}	0.940	0.944	0.942	4,339	244	384
	ft_{Tcn2}	0.944	0.946	0.947	4,395	236	328
	ft_{Tcn4}	0.946	0.945	0.951	4,442	238	281
	ft_{Tcn8}	0.950	0.943	0.961	4,491	248	232
	ft_{Tcn16}	0.946	0.941	0.956	4,478	256	245
	ft_{Tcn32}	0.947	0.942	0.956	4,480	249	243
	ft_{Tcn64}	0.947	0.942	0.957	4,486	251	237
	ft_{Tcn128}	0.949	0.943	0.960	4,492	242	231
	ft_{Tcn256}	0.948	0.945	0.956	4,460	235	263
	ft_{Tcn512}	0.952	0.945	0.964	4,511	235	212
	$ft_{Tcn1024}$	0.953	0.945	0.965	4,521	238	202
	ft	**0.956**	0.944	**0.971**	**4,554**	241	*169*
Mineiro	bsl*	0.193	**0.992**	0.114	2,063	*8*	15,855
	ft_{Conv1}	0.476	0.986	0.327	5,391	77	12,527
	ft_{Conv2}	0.466	0.963	0.315	5,306	136	12,612
	ft_{Conv3}	0.487	0.951	0.338	5,465	251	12,453
	ft_{Tcn1}	0.620	0.985	0.474	7,599	89	10,319
	ft_{Tcn2}	0.757	0.970	0.635	10,548	269	7,370
	ft_{Tcn4}	0.774	0.963	0.662	10,990	361	6,928
	ft_{Tcn8}	**0.790**	0.968	**0.681**	**11,371**	328	*6,547*
	ft_{Tcn16}	0.727	0.963	0.598	9,883	328	8,035
	ft_{Tcn32}	0.760	0.964	0.640	10,750	349	7,168
	ft_{Tcn64}	0.748	0.959	0.625	10,488	399	7,430
	ft_{Tcn128}	0.722	0.960	0.591	9,903	371	8,015

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Dataset	Model	F-measure	Precision	Recall	#TP	#FP	#FN
	ft_{Tcn256}	0.702	0.949	0.567	9,575	464	8,343
	ft_{Tcn512}	0.678	0.948	0.536	9,095	442	8,823
	$ft_{Tcn1024}$	0.661	0.949	0.515	8,747	409	9,171
	ft	0.675	0.954	0.531	8,996	380	8,922
Tambor-Hi	bsl*	0.443	**0.998**	0.286	3,742	*5*	9,633
	ft_{Conv1}	0.555	0.989	0.396	4,722	45	8,653
	ft_{Conv2}	0.565	0.992	0.405	4,840	35	8,535
	ft_{Conv3}	0.656	0.982	0.501	6,115	112	7,260
	ft_{Tcn1}	**0.723**	0.986	**0.578**	**7,170**	97	*6,205*
	ft_{Tcn2}	0.708	0.992	0.559	6,871	54	6,504
	ft_{Tcn4}	0.704	0.985	0.555	6,916	98	6,459
	ft_{Tcn8}	0.647	0.985	0.489	6,028	84	7,347
	ft_{Tcn16}	0.650	0.988	0.491	6,111	68	7,264
	ft_{Tcn32}	0.646	0.988	0.487	6,025	62	7,350
	ft_{Tcn64}	0.637	0.987	0.478	5,876	69	7,499
	ft_{Tcn128}	0.639	0.987	0.479	5,919	68	7,456
	ft_{Tcn256}	0.630	0.986	0.470	5,800	70	7,575
	ft_{Tcn512}	0.637	0.987	0.478	5,890	70	7,485
	$ft_{Tcn1024}$	0.638	0.987	0.479	5,872	67	7,503
	ft	0.643	0.988	0.485	5,947	62	7,428
Tarol	bsl*	0.139	**0.992**	0.078	1,238	*9*	17,347
	ft_{Conv1}	0.669	0.984	0.520	8,830	101	9,755
	ft_{Conv2}	0.734	0.977	0.598	10,340	183	8,245
	ft_{Conv3}	0.757	0.978	0.629	10,799	196	7,786
	ft_{Tcn1}	0.756	0.981	0.626	10,752	171	7,833
	ft_{Tcn2}	0.809	0.985	0.695	12,079	137	6,506
	ft_{Tcn4}	0.837	0.985	0.735	12,909	147	5,676
	ft_{Tcn8}	0.827	0.984	0.722	12,680	163	5,905
	ft_{Tcn16}	0.827	0.989	0.719	12,557	105	6,028
	ft_{Tcn32}	0.785	0.988	0.662	11,427	102	7,158
	ft_{Tcn64}	0.746	0.989	0.614	10,336	86	8,249
	ft_{Tcn128}	0.807	0.990	0.694	11,886	92	6,699
	ft_{Tcn256}	0.824	0.989	0.718	12,336	98	6,249
	ft_{Tcn512}	0.831	0.990	0.727	12,521	92	6,064
	$ft_{Tcn1024}$	0.848	0.990	0.751	13,028	103	5,557
	ft	**0.884**	0.990	**0.807**	**14,215**	111	*4,370*