

Table B.1: Results of measurements

Type of feature	Type of normalization	Unit of normalization	Accuracy	AUC	FPR	FNR	TPR	TNR	Precision	Recall	F-measure	G-mean1	G-Mean2	
spectrum	baseline subtraction	Sequence	-	-	-	-	-	-	-	-	-	-	-	
		Dataset	-	-	-	-	-	-	-	-	-	-	-	-
	PCPS	Sequence	-	-	-	-	-	-	-	-	-	-	-	-
		Dataset	-	-	-	-	-	-	-	-	-	-	-	-
	Z-score	Sequence	-	-	-	-	-	-	-	-	-	-	-	-
		Dataset	-	-	-	-	-	-	-	-	-	-	-	-
	Average	Sequence	-	-	-	-	-	-	-	-	-	-	-	-
		Dataset	-	-	-	-	-	-	-	-	-	-	-	-
	Total Average	Sequence	-	-	-	-	-	-	-	-	-	-	-	-
		Dataset	-	-	-	-	-	-	-	-	-	-	-	-
1 <sup>st</sup> difference	baseline subtraction	Sequence	0.278	0.541	0.810	0.130	0.870	0.190	0.138	0.870	0.238	0.346	0.406	
		Dataset	0.260	0.541	0.834	<b>0.106</b>	<b>0.894</b>	0.166	<b>0.894</b>	0.137	<b>0.894</b>	0.238	<b>0.351</b>	0.385
	PCPS	Sequence	0.365	0.554	0.698	0.210	0.790	0.302	0.144	0.790	0.244	0.244	0.337	0.489
		Dataset	0.392	0.563	0.682	0.240	0.760	0.338	0.146	0.760	0.245	0.245	0.333	0.507
	Z-score	Sequence	<b>0.432</b>	<b>0.572</b>	<b>0.613</b>	0.268	0.732	<b>0.387</b>	<b>0.151</b>	0.732	<b>0.250</b>	<b>0.250</b>	0.332	<b>0.532</b>
		Dataset	0.329	0.541	0.800	0.200	0.800	0.259	0.138	0.800	0.236	0.236	0.333	0.455
	Average	Sequence	<b>0.358</b>	<b>0.556</b>	<b>0.707</b>	0.203	<b>0.797</b>	<b>0.293</b>	<b>0.144</b>	<b>0.797</b>	<b>0.244</b>	<b>0.244</b>	<b>0.338</b>	<b>0.476</b>
		Dataset	0.327	0.545	0.746	<b>0.182</b>	<b>0.818</b>	0.254	0.141	<b>0.818</b>	<b>0.240</b>	<b>0.240</b>	<b>0.339</b>	0.449
	Total Average	Sequence	0.343	0.550	0.726	0.192	0.808	0.274	0.142	0.808	0.242	0.242	<b>0.339</b>	0.462
		Dataset	0.343	0.550	0.726	0.192	0.808	0.274	0.142	0.808	0.242	0.242	<b>0.339</b>	0.462
2 <sup>nd</sup> difference	baseline subtraction	Sequence	0.479	0.598	0.554	0.299	0.701	0.446	0.158	0.701	0.258	0.333	0.559	
		Dataset	0.481	0.596	0.552	0.299	0.701	0.448	0.159	0.701	0.259	0.259	0.334	0.561
	PCPS	Sequence	<b>0.510</b>	<b>0.540</b>	<b>0.517</b>	0.303	0.697	<b>0.483</b>	<b>0.167</b>	0.697	<b>0.269</b>	0.341	<b>0.580</b>	
		Dataset	0.493	<b>0.604</b>	0.539	0.294	0.706	0.461	0.163	0.706	0.265	0.339	0.571	
	Z-score	Sequence	0.457	0.601	0.586	0.253	0.747	0.414	0.159	0.747	0.263	<b>0.345</b>	0.566	
		Dataset	0.412	0.589	0.643	<b>0.221</b>	<b>0.779</b>	0.357	0.153	<b>0.779</b>	<b>0.255</b>	<b>0.255</b>	<b>0.345</b>	0.527
	Average	Sequence	<b>0.482</b>	0.580	<b>0.552</b>	0.285	0.715	<b>0.448</b>	<b>0.161</b>	0.715	<b>0.263</b>	<b>0.340</b>	<b>0.565</b>	
		Dataset	0.462	<b>0.596</b>	0.578	<b>0.271</b>	<b>0.729</b>	0.422	0.158	<b>0.729</b>	0.260	0.260	0.339	0.553
	Total Average	Sequence	0.472	0.588	0.565	0.278	0.722	0.435	0.160	0.722	0.262	0.262	0.339	0.559
		Dataset	0.472	0.588	0.565	0.278	0.722	0.435	0.160	0.722	0.262	0.262	0.339	0.559
DTW	baseline subtraction	Sequence	0.201	0.501	0.909	0.056	0.944	0.091	0.134	0.944	0.234	0.355	0.293	
		Dataset	0.207	0.510	0.899	0.080	0.920	0.101	0.132	0.920	0.231	0.231	0.348	0.304
	PCPS	Sequence	0.282	0.540	0.732	0.500	0.500	0.268	0.042	0.500	0.077	0.145	0.366	
		Dataset	0.317	0.540	<b>0.692</b>	0.500	0.500	<b>0.308</b>	0.036	0.500	0.067	0.134	0.392	
	Z-score	Sequence	<b>0.351</b>	<b>0.562</b>	0.718	0.183	0.817	0.282	<b>0.145</b>	0.817	<b>0.246</b>	<b>0.246</b>	<b>0.344</b>	
		Dataset	0.176	0.501	0.941	<b>0.037</b>	<b>0.963</b>	0.059	0.132	<b>0.963</b>	0.232	<b>0.357</b>	0.238	
	Average	Sequence	<b>0.278</b>	<b>0.534</b>	<b>0.786</b>	0.247	<b>0.753</b>	<b>0.214</b>	<b>0.107</b>	<b>0.753</b>	<b>0.186</b>	<b>0.281</b>	<b>0.380</b>	
		Dataset	0.233	0.517	0.844	<b>0.206</b>	<b>0.794</b>	0.156	0.100	<b>0.794</b>	0.177	0.280	0.311	
	Total Average	Sequence	0.256	0.526	0.815	0.226	0.774	0.185	0.103	0.774	0.181	0.280	0.346	
		Dataset	0.257	0.570	0.831	<b>0.157</b>	<b>0.843</b>	0.169	0.131	<b>0.843</b>	0.227	<b>0.333</b>	0.378	
APCPS	baseline subtraction	Sequence	<b>0.517</b>	0.777	<b>0.481</b>	0.496	0.504	<b>0.519</b>	<b>0.135</b>	0.504	0.213	0.261	<b>0.512</b>	
		Dataset	0.314	<b>0.624</b>	0.758	0.202	0.798	0.242	0.135	0.798	<b>0.231</b>	0.328	0.439	
	PCPS	Sequence	<b>0.517</b>	0.577	<b>0.481</b>	0.496	0.504	<b>0.519</b>	<b>0.135</b>	0.504	0.213	0.261	<b>0.512</b>	
		Dataset	0.296	0.530	0.776	0.215	0.785	0.224	0.131	0.785	0.224	0.320	0.419	
	Z-score	Sequence	<b>0.517</b>	0.577	<b>0.481</b>	0.496	0.504	<b>0.519</b>	<b>0.135</b>	0.504	0.213	0.261	<b>0.512</b>	
		Dataset	0.289	0.575	0.788	<b>0.191</b>	<b>0.809</b>	0.212	0.132	<b>0.809</b>	<b>0.227</b>	<b>0.327</b>	0.412	
	Average	Sequence	<b>0.517</b>	<b>0.577</b>	<b>0.481</b>	0.496	0.504	<b>0.519</b>	<b>0.135</b>	0.504	0.213	0.261	<b>0.512</b>	
		Dataset	0.403	0.576	0.635	0.343	0.657	0.365	0.134	0.657	0.220	0.294	0.462	
	Fixation, saccades +APCPS +DTW+APCPS +DTW +DIFF2	Z-transformation	Sequence / Dataset	0.751	0.799	0.240	0.305	0.695	0.760	0.301	0.695	0.420	0.457	0.727
			Dataset	0.758	0.806	<b>0.232</b>	0.308	0.692	<b>0.768</b>	0.307	0.692	0.425	0.461	0.729
Z-transformation		Sequence / Dataset	<b>0.759</b>	<b>0.807</b>	<b>0.232</b>	0.306	0.694	<b>0.768</b>	<b>0.308</b>	0.694	<b>0.427</b>	<b>0.462</b>	<b>0.730</b>	
		Dataset	0.743	0.799	0.250	<b>0.302</b>	0.698	0.761	0.303	0.698	0.423	0.460	0.729	
Z-transformation		Sequence / Dataset	0.743	0.799	0.250	0.300	<b>0.700</b>	0.750	0.294	<b>0.700</b>	0.414	0.453	0.724	
		Dataset	0.753	0.802	0.239	0.304	0.696	0.761	0.302	0.696	0.422	0.459	0.728	