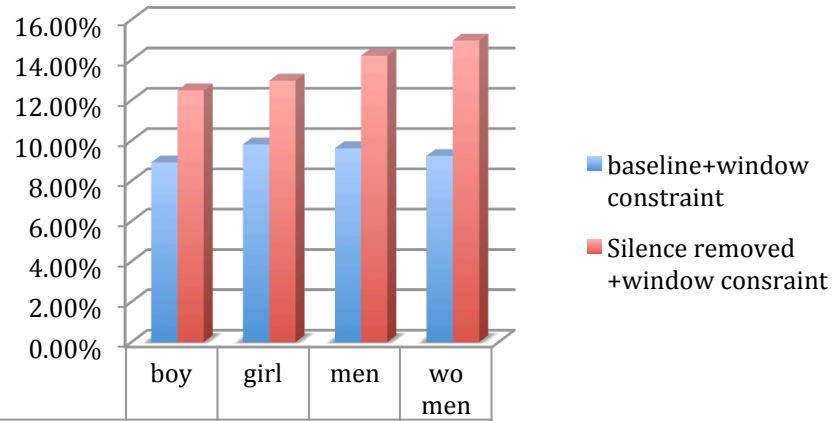
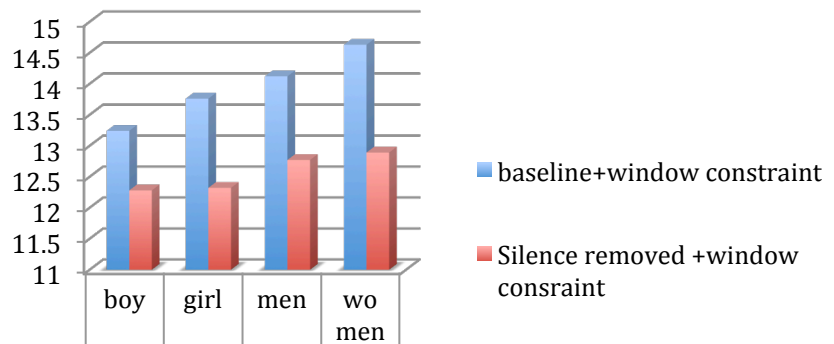


Accuracy



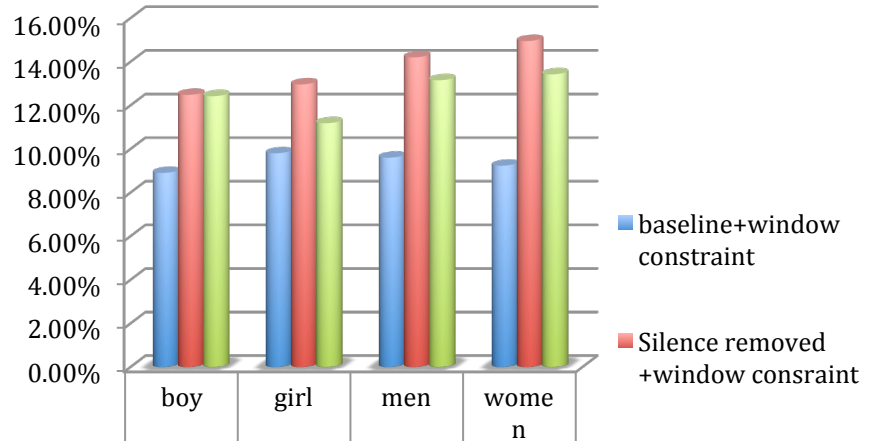
baseline+window constraint	8.90%	9.80%	9.60%	9.23%
Silence removed +window constraint	12.48%	12.96%	14.20%	14.95%

Log(time)



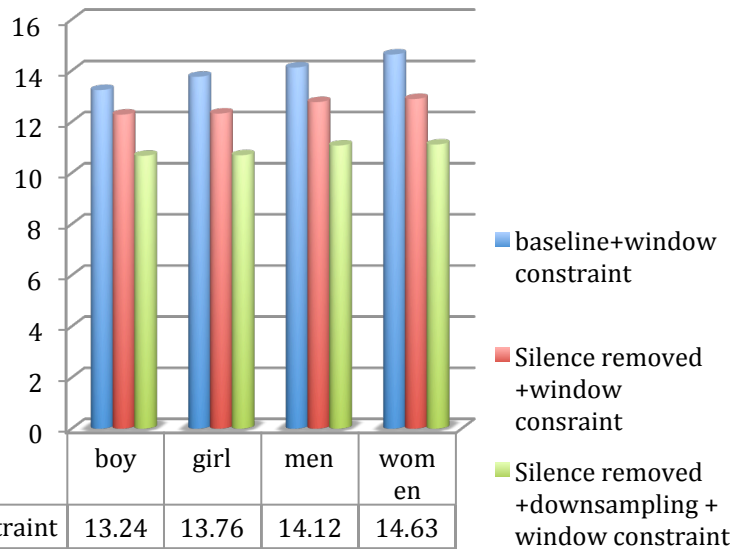
baseline+window constraint	13.24	13.76	14.12	14.63
Silence removed +window constraint	12.28	12.32	12.77	12.89

Accuracy

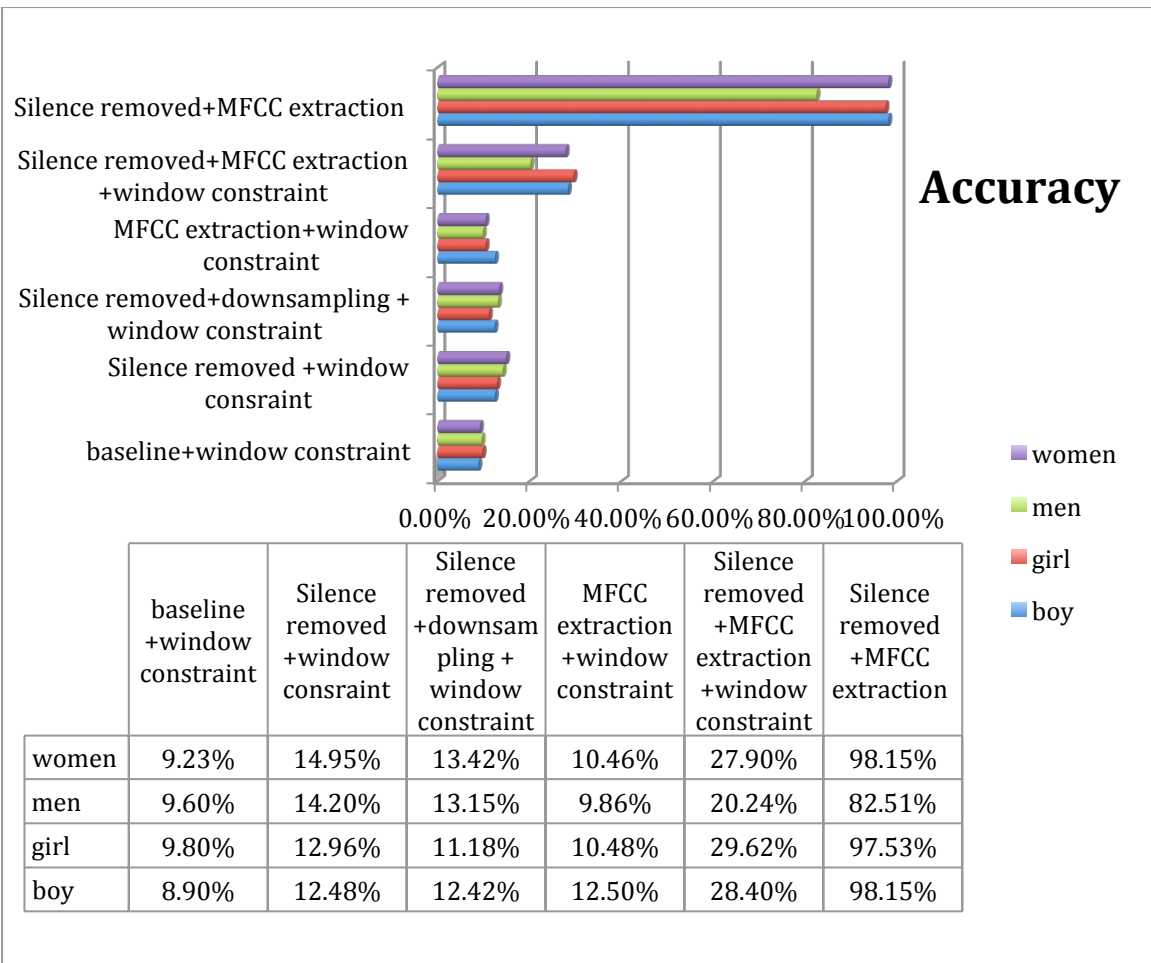


baseline+window constraint	8.90%	9.80%	9.60%	9.23%
Silence removed +window constraint	12.48%	12.96%	14.20%	14.95%
Silence removed+downsampling + window constraint	12.42%	11.18%	13.15%	13.42%

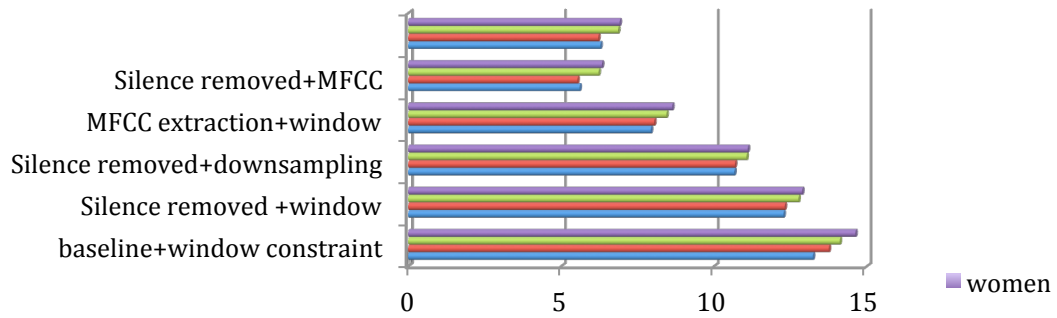
Log(time)



baseline+window constraint	13.24	13.76	14.12	14.63
Silence removed +window constraint	12.28	12.32	12.77	12.89
Silence removed +downsampling + window constraint	10.67	10.69	11.07	11.11

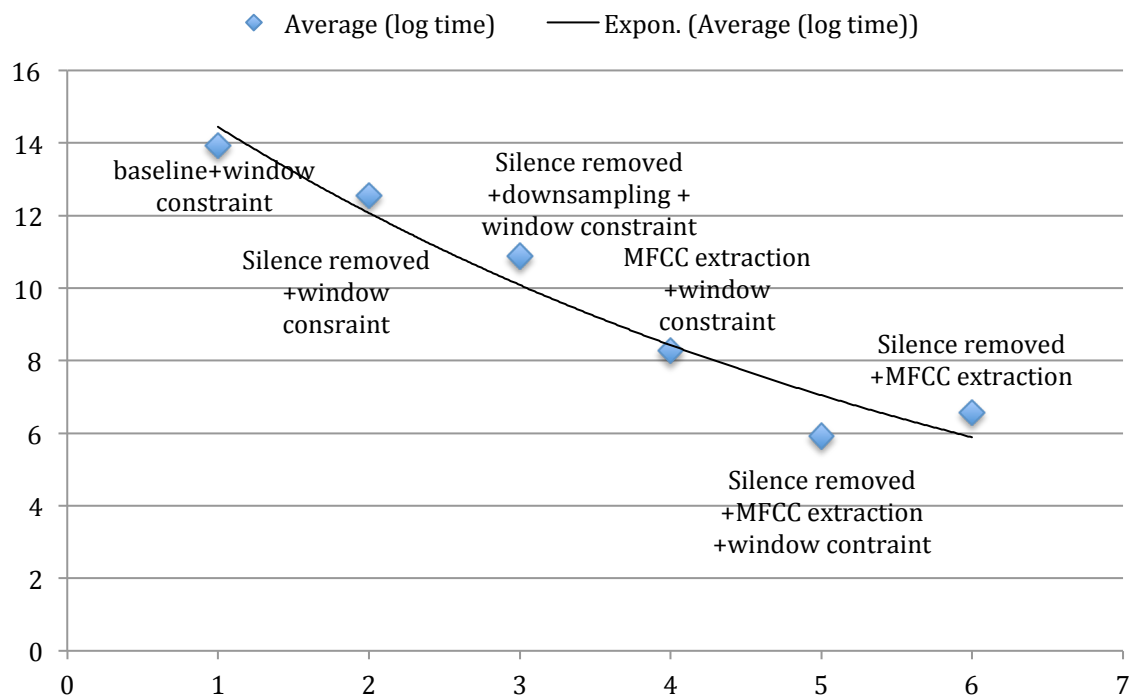


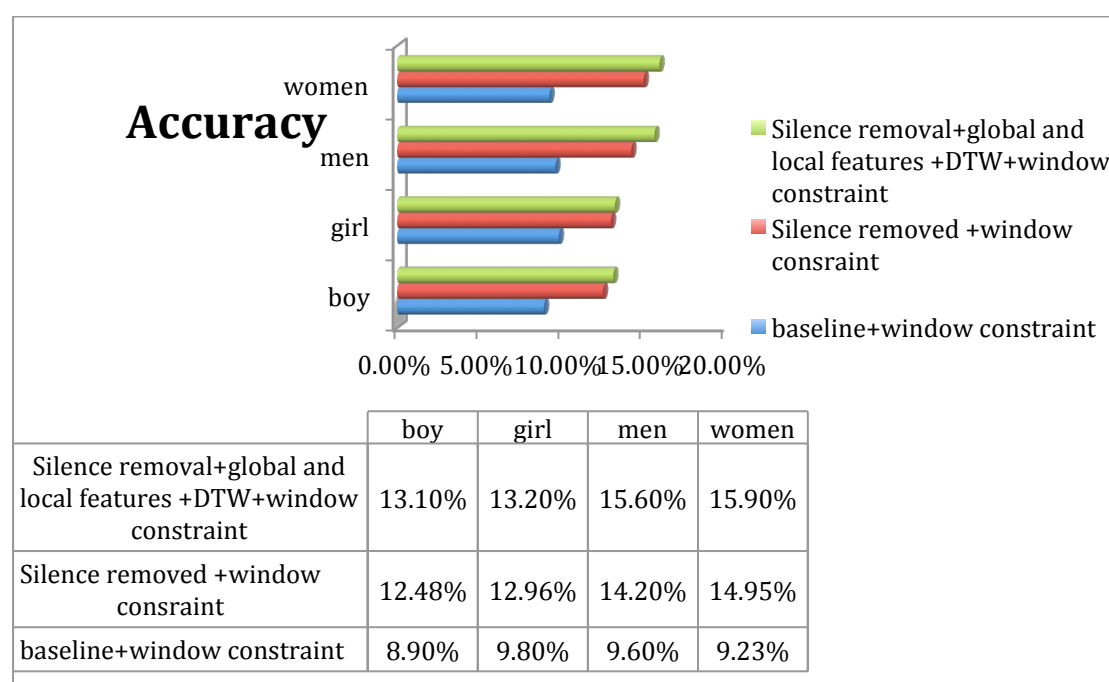
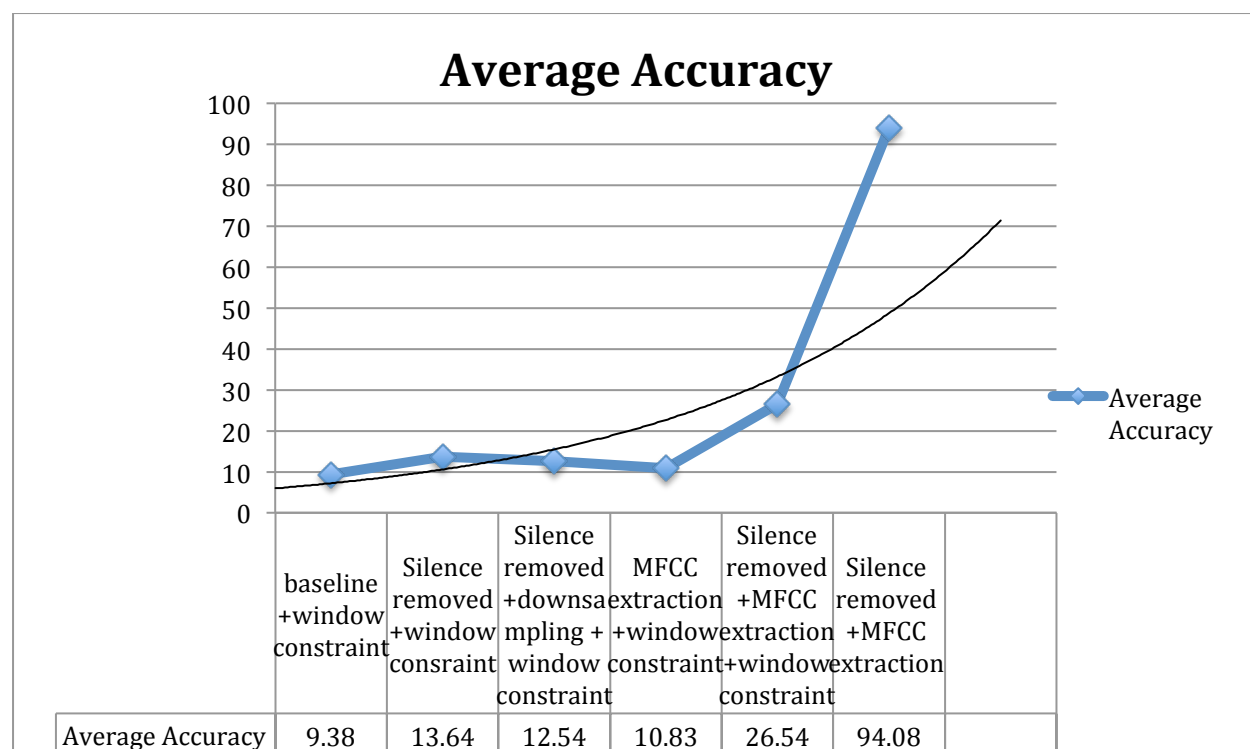
Log(time)



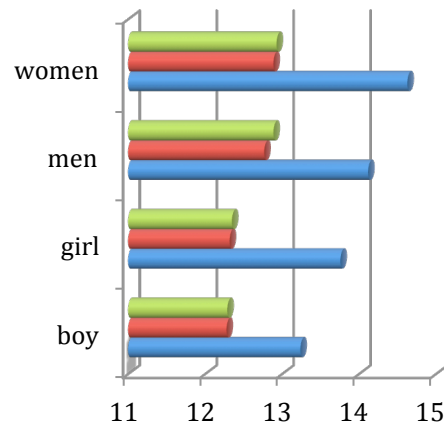
	baseline +window constraint	Silence removed +window constraint	Silence removed +downsa mpling + window constraint	MFCC extraction +window constraint	Silence removed +MFCC extraction +window constraint	Silence removed +MFCC extraction
women	14.63	12.89	11.11	8.64	6.34	6.92
men	14.12	12.77	11.07	8.45	6.23	6.87
girl	13.76	12.32	10.69	8.05	5.54	6.22
boy	13.24	12.28	10.67	7.94	5.61	6.29

Average (log time)





Log(time)



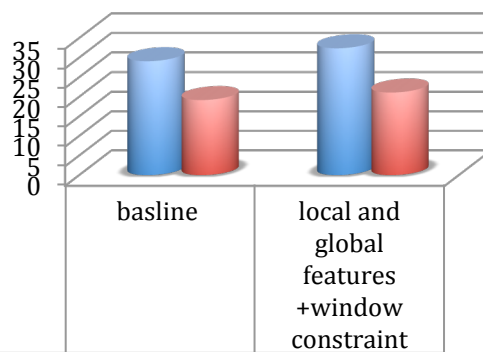
■ Silence Removal+global and local features +DTW+window constraint

■ Silence removed +window constraint

■ baseline+window constraint

	boy	girl	men	women
Silence Removal+global and local features +DTW+window constraint	12.29	12.35	12.89	12.93
Silence removed +window constraint	12.28	12.32	12.77	12.89
baseline+window constraint	13.24	13.76	14.12	14.63

Accuracy

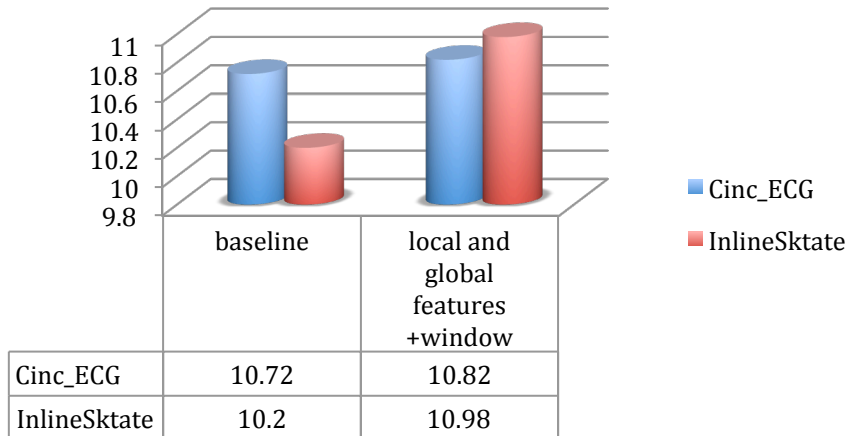


■ Cinc_ECG

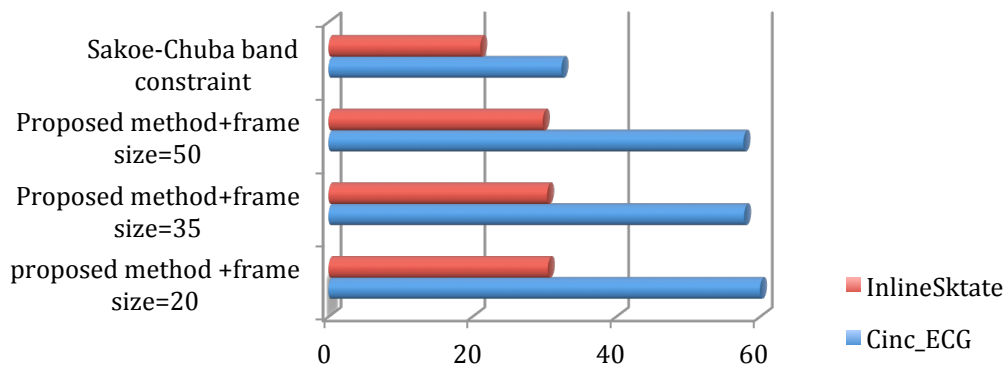
■ InlineSkate

Cinc_ECG	29.1	32.4
InlineSkate	19.18	21.1

Log(time)

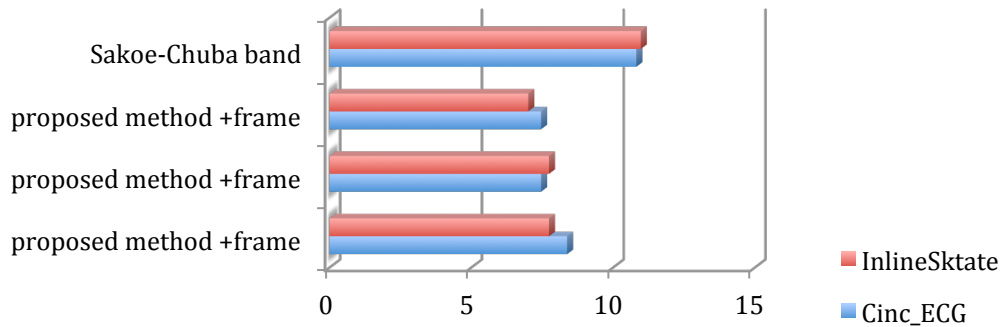


Accuracy



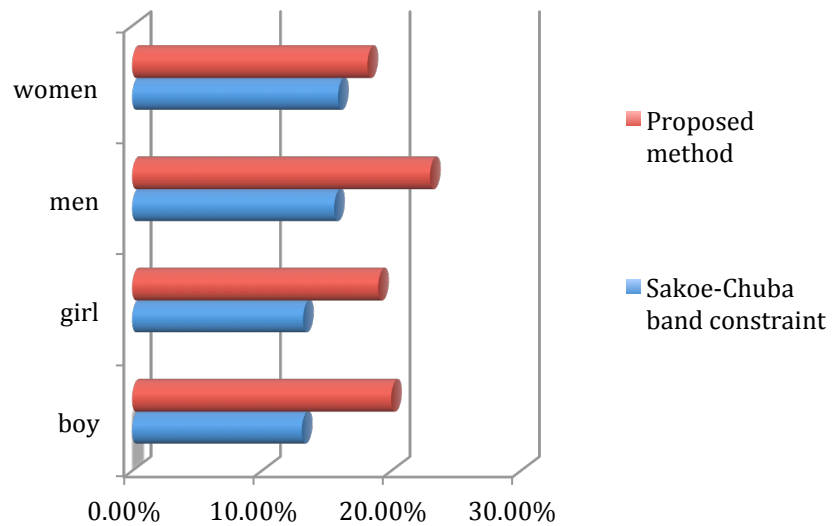
	proposed method +frame size=20	Proposed method +frame size=35	Proposed method +frame size=50	Sakoe-Chuba band constraint
InlineSkate	30.5	30.4	29.8	21.1
Cinc_ECG	60	57.8	57.7	32.4

Log(time)

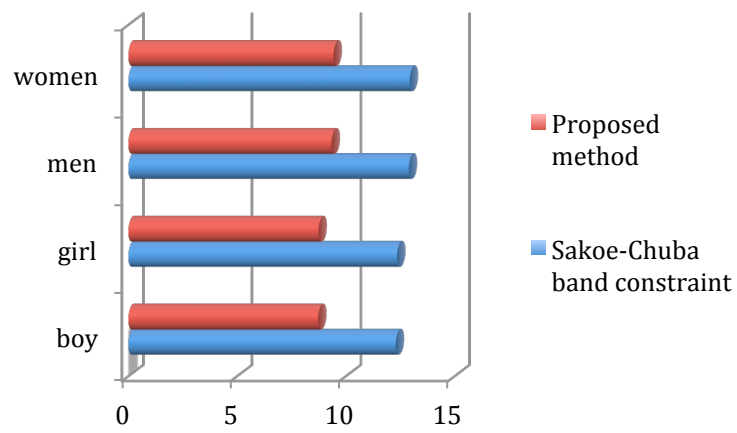


	proposed method +frame size=20	proposed method +frame size=35	proposed method +frame size=50	Sakoe-Chuba band constraint
InlineSkate	7.74	7.74	7.01	10.98
Cinc_ECG	8.377	7.46	7.46	10.82

Accuracy

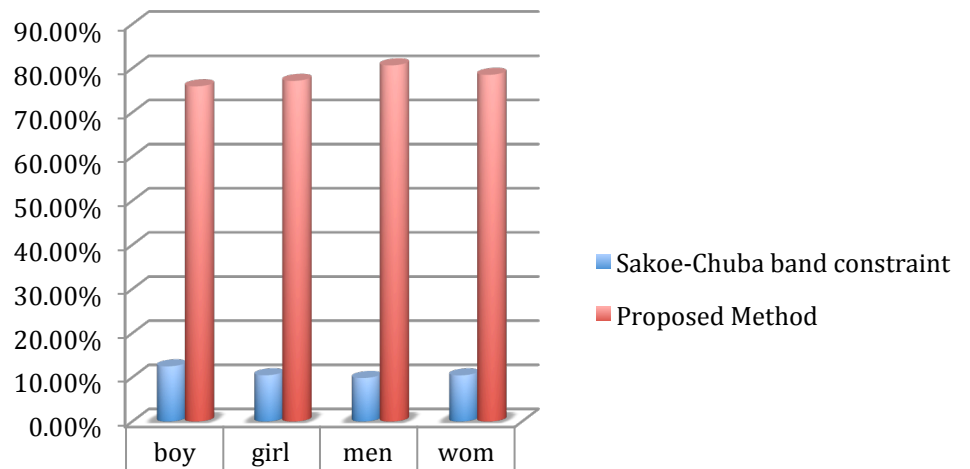


	boy	girl	men	women
Proposed method	20%	19.00%	23%	18.1700%
Sakoe-Chuba band constraint	13.10%	13.20%	15.60%	15.90%



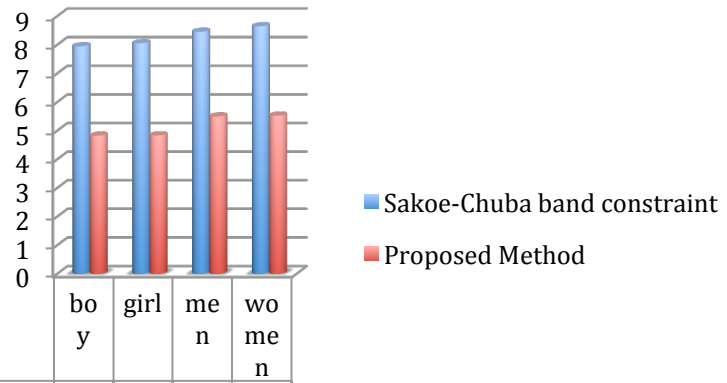
	boy	girl	men	women
Proposed method	8.72	8.74	9.34	9.43
Sakoe-Chuba band constraint	12.29	12.35	12.89	12.93

Accuracy



	boy	girl	men	women
Sakoe-Chuba band constraint	12.50%	10.48%	9.86%	10.46%
Proposed Method	75.92%	77.16%	80.67%	78.53%

Log(time)



Sakoe-Chuba band constraint	7.94	8.05	8.45	8.64
Proposed Method	4.82	4.83	5.49	5.52