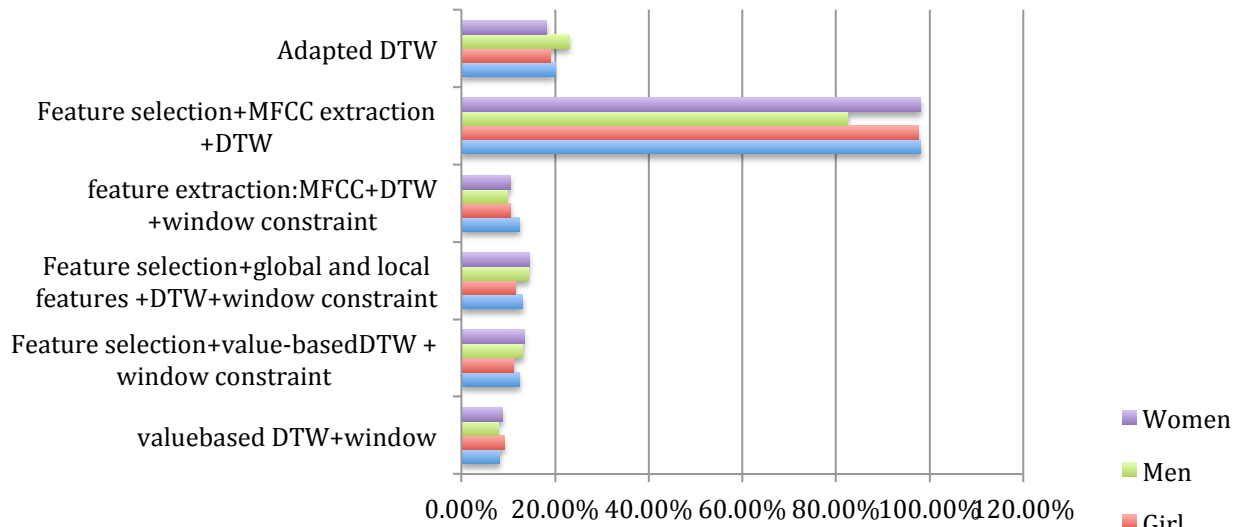
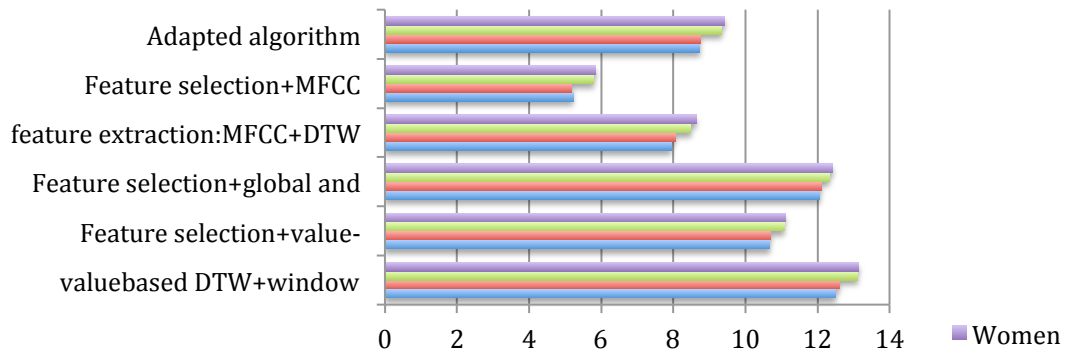


## Accuracy



	valuebased DTW +window	Feature selection +value-basedDTW + window constraint	Feature selection +global and local features +DTW +window constraint	feature extraction:MFCC+DTW +window constraint	Feature selection +MFCC extraction +DTW	Adapted DTW
Women	8.80%	13.42%	14.50%	10.46%	98.15%	18.17%
Men	7.90%	13.15%	14.40%	9.86%	82.51%	23%
Girl	9.19%	11.18%	11.50%	10.48%	97.53%	19.00%
Boy	8.20%	12.42%	13.10%	12.50%	98.15%	20%

## Log(Time)



	valuebase d DTW +window	Feature selection +value- basedDT W + window constraint	Feature selection +global and local features +DTW +window constraint	feature extraction :MFCC +DTW +window constraint	Feature selection +MFCC extraction +DTW	Adapted algorithm
Women	13.14	11.11	12.4082	8.6408	5.84	9.43
Men	13.1	11.07	12.3318	8.4799	5.79	9.34
Girl	12.6	10.69	12.1007	8.0459	5.18	8.74
Boy	12.5	10.67	12.0599	7.9441	5.22	8.72