Segment classification - Single Gaussian Models of 13MFCC\_0\_D\_A

Trained with Variational Bayesian Inference

Male : 1190 17 430 => 1190 447 => correct: 1800 => 68.8%

Female: 371 12 598 371 610 total: 2618

24MFCC\_E\_D Segment 3-ICA 3-GMM classification:

Male : 1205 27 405 => correct: 1978 => 75.54 %

Female: 176 32 773 total: 2618

24MFCC\_E\_D Segment 3-ICA 24Mixture-GMM classification:

Male : 1612 25 0 => correct: 2586 => 98.78%

Female: 7 974 0 total: 2618

10-ICA

90.336134 32 mixtures with 0.2 regularisation

90.412529 32 mixtures with 0.3 regularisation ( 84 , 187 )

90.565317 (24, 32) mix with 0.3 regularisation ( 62 , 185 )

92.589763 (18, 36) mix with 0.3 regularisation ( 64 , 130 )