

No.	System Description	Error
1	Random Guessing	49.8%
2	kNN (k = 20)	41.8%
3	RF ($N_t = 50$)	31.7%
4	PCA-HMM (#GM = 3 #HMM States = 3)	25.6%
5	GMM-HMM (#GM = 3 #HMM States = 3)	17.0%

Table 6. A comparison of performance for abnormal classification of an EEG for several standard classification approaches including k-Nearest Neighbor (kNN), Random Forests (RF) and two variants of a hidden Markov model (HMM) system.