

**Table:** Misclass Ratio based on 10-folds cross validation. Perfect classifier gives 0 misclass ratio and the worst classifier gives 100% misclass ratio. Take the first 1800000 samples from the slpdb database as full dataset.

	SVM Binary Class	SVM Multi Class	K-Means Binary Class
slp01a	0.1139	0.2250	0.3361
slp01b	0.2333	0.1781	0.3306
slp02a	0.1139	0.3714	0.3806
slp02b	0.1417	0.1978	0.3458
slp03	0.1436	0.1969	0.1708
slp04	0.2334	0.2535	0.3792
slp14	0.1667	0.4367	0.3708
slp16	0.2360	0.3265	0.4125
slp32	0.1750	0.1088	0.5000
slp37	0.0375	0.2500	0.2917
slp41	0.3458	0.3441	0.4000
slp45	0.1833	0.3571	0.5000
slp48	0.1792	0.2929	0.3000
slp59	0.3875	0.4526	0.4458
slp60	0.3142	0.3277	0.4875
slp61	0.2859	0.2664	0.3227
slp66	0.2417	0.2087	0.3792
slp67x	0.2667	0.2155	0.4333

The code: <https://github.com/kevinhsu/ecg-sleep>