S3 Table: P-value for association of top 10 features from team dbmi with label for on/off, dyskinesia and tremor

	on_off*	dyskinesia*	tremor*
quantile__q_0.7	0.341	0.76241	0.260796
number_peaks__n_1	0.220	0.308912	0.453108
quantile__q_0.2	0.4014	0.054511	0.80456
quantile__q_0.4	0.574647	0.757697	0.613633
quantile__q_0.8	0.830643	0.956247	0.872984
sum_values	0.825521	0.853557	0.677784
quantile__q_0.3	0.850645	0.167818	0.536281
fft_coefficient__coeff_0__attr_"real"	0.884536	0.738591	0.89858
mean	0.748474	0.919004	0.636074
fft_coefficient__coeff_0__attr_"abs"	0.942655	0.687168	0.575989

* Shown are the p-values for testing for association between magnitude of feature SHAP value and label. For each column, a t-test was performed to compare models trained on the column label against models trained on other labels. No tests were significant at α = 0.05 implying that none of the features were specific to individual phenotypes.