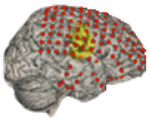


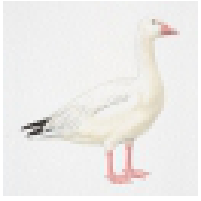
Completed • $8,000 • 202 teams

UPenn and Mayo Clinic's Seizure Detection Challenge

Mon 19 May 2014 – Tue 19 Aug 2014 (15 days ago)

Required model documentation and code

Start Watching



Michael Hills

Hey everyone,

My code and documentation are now ready. It was great fun competing with you all, that final week was pretty intense!

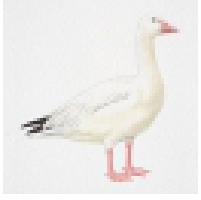
https://github.com/MichaelHills/seizure-detection/raw/master/seizure-detection.pdf

https://github.com/MichaelHills/seizure-detection

Quickly summarising my model, for feature selection I used FFT 1-47Hz, concatenated with correlation coefficients (and their eigenvalues) of both the FFT output data, as well as the input time data. The data was then trained on per-patient Random Forest classifiers (3000 trees).

Thanked by ACS69 , blaine , Little Boat , Jeong-Yoon Lee , Mojtaba , and 7 others

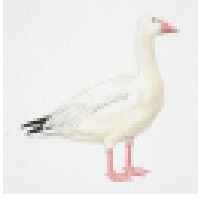
#1 / Posted 9 days ago Reply / Quote / Thank / Flag / Email User



Mojtaba

Congrats for winning the contest! and thanks for your well-structured solution file.

#2 / Posted 8 days ago Reply / Quote / Thank / Flag / Email User



Vadym

Bravo!

Compliments!

Gnatkovsky

#3 / Posted 7 days ago

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