

This package of files is a Python implementation of Psychological Forest, one of the two baseline models for Track I of CPC18 (see <https://cpc18.wordpress.com>). To run it, save all files to your working directory and run CPC18\_T1\_main1\_PF.m. If you are submitting to the first competition track, we ask that your submission would include the main wrapper file supplied, amended only where absolutely necessary (see comments in the source code). This helps us run your submission in due time.

Note that the files include three csv files. File CPC18\_EstSet.csv simply reads the input parameters for the predictions problems. The other two csv files include the features used in the training of the random forest algorithm. TrainData.csv provides the data for training the model over the first 150 of the 210 available CPC18 problems. This example shows how Psychological Forest then predicts the other 60 problems. TrainData210.csv includes data for all 210 problems and is used in the actual competition baseline model.