

Tech Note TN015

Randomize Trials in BioSig

When it is desired to use variable values in randomized order, Value List or File Variable Generation method can be used. For example, one wants to play a pure tone of frequencies 500, 1000, 1500, 2000, 2500 3000 Hz, while in a random order, these frequencies can be pre-randomized and then entered to a value list or a variable (schedule) file. If the variables are needed to be randomized from experiment to experiment, several files should be made and be used randomly. The above method will work fine if the number of variable values are less than 100. If more than 100 values are needed, each experiment should be divided into more than one section.