

The data for the Boundary Crossing Experiment is a file containing a MATLAB structure arranged in the following way:

BC.Subjects %array of structures containing data for each subject

BC.Subjects(i).name %name of i^{th} subject

BC.Subjects(i).Trial %an array of structures containing data from each trial

BC.Subjects(i).Trial(j).answer %the answer of the subject for the j^{th} trial, either "ref" or "stim"

BC.Subjects(i).Trial(j).ref %a structure containing the specific data recordings for the reference surface in the j^{th} trial

BC.Subjects(i).Trial(j).stim %a structure containing the specific data recordings for the stimulus surface in the j^{th} trial

*** each of the above structures is built in the following way:

BC.Subjects(i).Trial(j).[surface].k % stiffness [N/m]

BC.Subjects(i).Trial(j).[surface].delay % delay [msec]

BC.Subjects(i).Trial(j).[surface].Position % position [m]

BC.Subjects(i).Trial(j).[surface].Force % force [N]

BC.Subjects(i).Trial(j).[surface].Time % time [sec]

BC.Subjects(i).Trial(j).[surface].Boundary % boundary location