

The data for the PKM2011 Experiment is a file containing a MATLAB structure arranged in the following way:

PKM2011.Subjects %array of structures containing data for each subject

PKM2011.Subjects(i).Trial %an array of structures containing data from each trial

PKM2011.Subjects(i).Trial(j).answer %the answer of the subject for the  $j^{\text{th}}$  trial, either "ref" or "stim"

PKM2011.Subjects(i).Trial(j).ref %a structure containing the specific data recordings for the reference surface in the  $j^{\text{th}}$  trial

PKM2011.Subjects(i).Trial(j).stim %a structure containing the specific data recordings for the stimulus surface in the  $j^{\text{th}}$  trial

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

PKM2011.Subjects(i).Trial(j).[surface].k % stiffness [N/m]

PKM2011.Subjects(i).Trial(j).[surface].Position % position [m]

PKM2011.Subjects(i).Trial(j).[surface].Force % force [N]

PKM2011.Subjects(i).Trial(j).[surface].Boundary % boundary location