4/24/19

Data Repository

**COM Data**

Contains COM data for all 13 participants, beginning with COM\_data\_01.mat. Within each participant’s file is a cell called COM, which contains 110 rows, one for each experimental trial. Within each experimental trial cell are three columns of data, representing x, y, and z vectors of COM position data over time.

**FP Data**

Contains foot placement data for all 13 participants, beginning with FP\_data\_01.mat. Within each participant’s file are ten cells, representing variables of foot placement data; L2Met (left foot second metatarsal marker), L5Met (left foot fifth metatarsal marker), LCal (left foot calcaneus marker), LMalLat (left foot lateral malleolus marker), LHS (time that left heal strike occurs within a trial), LTO (time that left toe off occurs within a trial), R2Met (right foot second metatarsal marker), R5Met (right foot fifth metatarsal marker), RCal (right foot calcaneus marker), RMalLat (right foot lateral malleolus marker), RHS (time that right heal strike occurs within a trial), and RTO (time that right toe off occurs within a trial). Each variable contains 110 rows, one for each experimental trial. For variables L2Met, L5Met, LCal, LMalLat, R2Met, R5Met, RCal, and RMalLat, each experimental trial cell contains three columns of data, representing x, y, and z vectors of position data over time. For LHS, RHS, LTO, RTO, if more than one gait event occurs per trial, the times are listed in order within the row for that trial.