

## Data Dictionary

Field Name	Field Definition
Subject	Seven healthy male subjects participated in this study. The data from subjects 1 to 3 were selected as the training set and the data of subjects 4 to 7 were chosen as the test set.
Trial	In our data set, each subject has 3 different trials (Trial 0 to Trial 2).
Frame	This indicates which frame the data comes from the video. The frame rate is 100 Hz (100 frames per second).
Source	This indicates the source of 3D joint position data. In our dataset, there are three different data sources: Ground Truth: the 3D joint position data calculated by VICON data and OpenSim models. Multi-view: the 3D joint position data estimated by multi-view model Multi-frame: the 3D joint position data estimated by multi-frame model
Joints	Our data set contains the 3D positions (x, y and z directions) of 16 joints: r_foot, r_knee, r_hip, l_hip, l_knee, l_foot, hip, spine, thorax, head, r_wrist, r_elbow, r_shoulder, l_shoulder, l_elbow, l_wrist; where “r” refers to “right” and “l” refers to “left”. For instance, “r_knee_x” indicates the location of the right knee joint in the x direction.