

Bath University: The Effect of Different Gender and Gradient on Lower Kinematics

Abstract

Step 1: Set up files correctly

First, download the .C3D file. You can find all the file through here: **HYPERLINK TO ORIGINAL BATH UNI FILES**, or you can skip this step then use the preprocessed files which you can find here: **HYPERLINK2 TO OUR PREPROCESSED FILES**.

Make sure your files are arranged in this format:

Step 2: Generate .CMZ Files Automatically

Once you have all the files, click **Library** on the top bar.

Click the first **Browse** for Library Path and select the file that includes all the c3d files. Then, select check both Make Hybrid Model and Metadata. Then click Browse to select bathmodel_virtual.mdh and manually type the *Static*.c3d and *uphillrun_num_1.c3d in Static File Identifier and Dynamic File Identifier.

Step 3: Load Query

Step 4: Clean Up Data

Step 5: SPM

Step 6: PCA

Conclusion

From:
<https://has-motion.com/wiki/> - **Wiki Documentation Site**

Permanent link:
https://has-motion.com/wiki/doku.php?id=sift:tutorials:bathuniversity_project_male_female_lower_kinematics&rev=1789667690

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