

Accepted Manuscript

Foot structure is correlated with performance in a single-joint jumping task

Herman van Werkhoven, Stephen J. Piazza

PII: S0021-9290(17)30163-X

DOI: <http://dx.doi.org/10.1016/j.jbiomech.2017.03.014>

Reference: BM 8165

To appear in: *Journal of Biomechanics*

Received Date: 14 September 2016

Revised Date: 6 January 2017

Accepted Date: 14 March 2017



Please cite this article as: H. van Werkhoven, S.J. Piazza, Foot structure is correlated with performance in a single-joint jumping task, *Journal of Biomechanics* (2017), doi: <http://dx.doi.org/10.1016/j.jbiomech.2017.03.014>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

REVISION 1**FOOT STRUCTURE IS CORRELATED WITH PERFORMANCE
IN A SINGLE-JOINT JUMPING TASK**

Herman van Werkhoven, Ph.D.^{1,2}, Stephen J. Piazza, Ph.D.^{2,3,4}

Study conducted at The Pennsylvania State University, University Park, Pennsylvania, U.S.A.

¹*Department of Health and Exercise Science, Appalachian State University, Boone, NC 28608 U.S.A.*

²*Biomechanics Laboratory, Department of Kinesiology, The Pennsylvania State University, University Park, PA 16802 U.S.A.*

³*Department of Mechanical and Nuclear Eng., The Pennsylvania State University, University Park, PA 16802 U.S.A.*

⁴*Department of Orthopedics and Rehabilitation, The Pennsylvania State University, Hershey, PA 17033 U.S.A.*

*Address correspondence to Herman van Werkhoven,

53 Holmes Convocation Center, Appalachian State University, Boone, NC 28608, U.S.A.

[e-mail: vanwerkhovenh@psu.edu phone: 828-262-7120 fax: 828-262-3138]

WORD COUNT (Abstract): 209

WORD COUNT (Introduction – Discussion): 3676

SUBMISSION TYPE: Original Article

KEY WORDS: jumping, foot, moment arm, heel, toe

Download English Version:

<https://daneshyari.com/en/article/5031990>

Download Persian Version:

<https://daneshyari.com/article/5031990>

[Daneshyari.com](https://daneshyari.com)