Accepted Manuscript

Kinematic algorithm to determine the energy cost of running with changes of direction

Matteo Zago, Fabio Esposito, Giulia Rausa, Eloisa Limonta, Felice Corrado, Susanna Rampichini, Chiarella Sforza

PII: S0021-9290(18)30407-X

DOI: https://doi.org/10.1016/j.jbiomech.2018.05.028

Reference: BM 8722

To appear in: Journal of Biomechanics

Accepted Date: 30 May 2018



Please cite this article as: M. Zago, F. Esposito, G. Rausa, E. Limonta, F. Corrado, S. Rampichini, C. Sforza, Kinematic algorithm to determine the energy cost of running with changes of direction, *Journal of Biomechanics* (2018), doi: https://doi.org/10.1016/j.jbiomech.2018.05.028

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.

ACCEPTED MANUSCRIPT

KINEMATIC ALGORITHM TO DETERMINE THE ENERGY COST OF RUNNING WITH CHANGES OF DIRECTION

Submission type: original investigation

Running head: energetics of changes of direction

Abstract word count: 247

Text-only word count: 3499

Number of Figures: 4

Number of Tables: 3

Number of references: 35

Authors:

Matteo Zago

Dpt. of Biomedical Sciences for Health, Università degli Studi di Milano

via Mangiagalli 31, 20133 Milano – Italy

Dept. of Electronics, Information and Bioengineering (DEIB), Politecnico di Milano

Piazza Leonardo da Vinci 32, 20133 Milano – Italy

email: matteo2.zago@polimi.it

orcid: 0000-0002-0649-3665

Fabio Esposito

Dpt. of Biomedical Sciences for Health, Università degli Studi di Milano

via Colombo 71, 20133 Milano – Italy

email: fabio.esposito@unimi.it

orcid: 0000-0002-4420-2611

Giulia Rausa

Dpt. of Biomedical Sciences for Health, Università degli Studi di Milano

via Mangiagalli 31, 20133 Milano – Italy

email: giuliarausa@gmail.com

Download English Version:

https://daneshyari.com/en/article/7235799

Download Persian Version:

https://daneshyari.com/article/7235799

<u>Daneshyari.com</u>