## Accepted Manuscript

Title: The Walk Ratio: Investigation of invariance across walking conditions and gender in community-dwelling older people

Authors: Bård Bogen, Rolf Moe-Nilssen, Anette Hylen

Ranhoff, Mona Kristin Aaslund

PII: S0966-6362(18)30101-2

DOI: https://doi.org/10.1016/j.gaitpost.2018.02.019

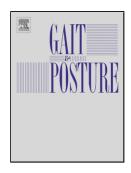
Reference: GAIPOS 5971

To appear in: Gait & Posture

Received date: 29-6-2017 Revised date: 17-2-2018 Accepted date: 19-2-2018

Please cite this article as: Bogen Bård, Moe-Nilssen Rolf, Ranhoff Anette Hylen, Aaslund Mona Kristin. The Walk Ratio: Investigation of invariance across walking conditions and gender in community-dwelling older people. *Gait and Posture* https://doi.org/10.1016/j.gaitpost.2018.02.019

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

# The Walk Ratio: Investigation of invariance across walking conditions and gender in community-dwelling older people.

#### Authors:

1. Bård Bogen (MSc, PhD-student)

Department of Global Public Health and Primary Care, University of Bergen

Kalfarveien 31

5018 Bergen

Norway

e-mail: beb@hvl.no

2. Rolf Moe-Nilssen (PhD, Professor)

Department of Global Public Health and Primary Care, University of Bergen

Kalfarveien 31

5018 Bergen

Norway

e-mail: rolf.moe-nilssen@uib.no

3. Anette Hylen Ranhoff (Dr. med, Professor)

Department of Clinical Science, University of Bergen

Postbox 7804,

5020 Bergen

Norway

e-mail: ahranhoff@yahoo.no

4. Mona Kristin Aaslund (PhD, Research fellow)

Department of Global Public Health and Primary Care, University of Bergen

Kalfarveien 31

5018 Bergen

Norway

e-mail: mona.aaslund@uib.no

#### **Research highlights**

- The Walk ratio is invariant across different speeds and on an uneven surface.
- The Walk ratio increases when counting backwards.
- The women in our study increased speed by cadence and not step length.

#### Download English Version:

# https://daneshyari.com/en/article/8798572

Download Persian Version:

https://daneshyari.com/article/8798572

<u>Daneshyari.com</u>