

Accepted Manuscript

Concurrent validation of an inertial measurement system to quantify kicking biomechanics in four football codes.

Stephanie Blair, Grant Duthie, Sam Robertson, William Hopkins, Kevin Ball

PII: S0021-9290(18)30212-4

DOI: <https://doi.org/10.1016/j.jbiomech.2018.03.031>

Reference: BM 8631

To appear in: *Journal of Biomechanics*

Accepted Date: 9 March 2018



Please cite this article as: S. Blair, G. Duthie, S. Robertson, W. Hopkins, K. Ball, Concurrent validation of an inertial measurement system to quantify kicking biomechanics in four football codes., *Journal of Biomechanics* (2018), doi: <https://doi.org/10.1016/j.jbiomech.2018.03.031>

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.

Title:

Concurrent validation of an inertial measurement system to quantify kicking biomechanics in four football codes.

Authors:

Stephanie Blair¹², Grant Duthie¹³, Sam Robertson¹, William Hopkins¹⁴ & Kevin Ball¹²

Affiliations:

¹ Institute of Sport, Exercise and Active Living (ISEAL), Victoria University, Melbourne, Australia.

² College of Sport & Exercise Science, Victoria University, Melbourne, Australia.

³ School of Exercise Science, Australian Catholic University, Sydney, Australia.

⁴ Defence Institute, Oslo, Norway.

Corresponding Author: Stephanie Blair

Phone: +61-450-253-266;

Email: Stephanie.blair@vu.edu.au;

Address: Office PB201, Victoria University Footscray Park
Campus, Ballarat Road, Footscray, Victoria, 3011.

Type of manuscript: Original article

Word Count: 3495

Key words: Inertial measurement system, kicking, biomechanics, Australia football, soccer, rugby.

Download English Version:

<https://daneshyari.com/en/article/7236087>

Download Persian Version:

<https://daneshyari.com/article/7236087>

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