



► Volume 10, Issue 3 ► Invalid Baseline Testing with ImPACT: Do ....

Home ► All Journals ► Behavioral Sciences ► Applied Neuropsychology: Child ► List of Issues

Applied Neuropsychology: Child > Volume 10, 2021 - Issue 3

358 7

Views CrossRef citations to date Altmetric

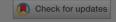
**Articles** 

# Invalid Baseline Testing with ImPACT: Does Sandbagging Occur with High School Athletes?

William T. Tsushima ☑, Marcus H. Yamamoto, Hyeong Jun Ahn, Andrea M. Siu, So Yung Choi & Nathan M. Murata

Pages 209-218 | Published online: 13 Aug 2019

**66** Cite this article A https://doi.org/10.1080/21622965.2019.1642202



Sample our Behavioral Sciences journals, sign in here to start your access, latest two full volumes FREE to you for 14 days

Full Article

Figures & data

References

**66** Citations

**Metrics** 

Reprints & Permissions

Read this article

Share

### Abstra

The aim

and san

retrospe

Indicato

baseline post

year we

versus a

(51.99%

3,009 (4

and san

betweer

was stat

### We Care About Your Privacy

We and our 912 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting I Accept enables tracking technologies to support the purposes shown under we and our partners process data to provide. Selecting Reject All or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the Show Purposes link on the bottom of the webpage . Your choices will have effect within our Website. For more details, refer to our Privacy Policy. Here

We and our partners process data to provide:

Use precise geolocation data. Actively scan device

I Accept d, invalid, Reject All **This** Show Purpose alidity **mPACT** 

> ne school valid 299 cores, and th invalidity ion changes

ing scorers

andbagging

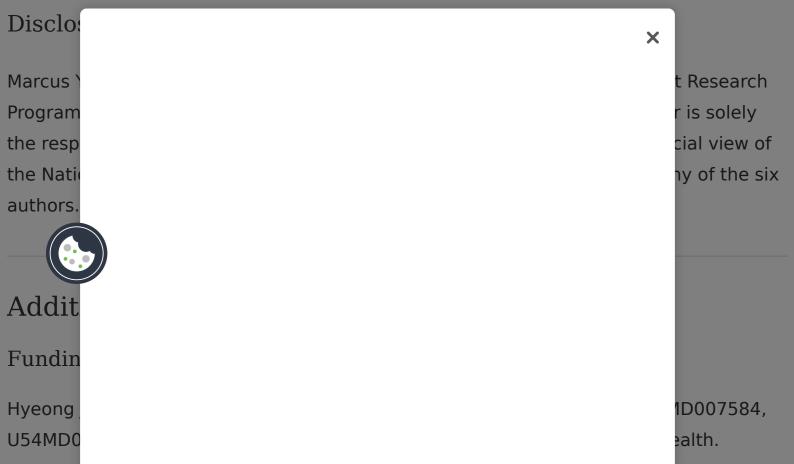
scores raised concern that the underperformance of baseline testing occurs more commonly than is probably realized by those who utilize computerized neuropsychological testing with high school athletes. Accordingly, efforts are needed to improve test administration procedures so that maximal attention and effort can be maintained among the test takers. In the meantime, increased caution is called for in employing the baseline-to-postconcussion paradigm when return-to-play decisions are made.

### Keywords:

Invalid baseline ImPACT sandbagging

## Acknowledgments

The authors wish to acknowledge the support of the Hawaii Concussion Awareness and Management Program who provided the data for this study, and the assistance of the Hawaii State Department of Education.



_			_
nto	rm	atio	n for
1110		acio	11 101

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

### Open access

Overview

Open journals

Open Select

**Dove Medical Press** 

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

# Register t by email Sign

or & prma

or & Francis Group
orma business

X