Taylor & Francis Online

On Tuesday 1 July 2025, 04:00-21:00 GMT, we'll be making some site updates on Taylor & Francis Online. You'll still be able to search, browse and read our articles, where access rights already apply. Registration, purchasing, activation of tokens, eprints and other features of Your Account will be unavailable during this scheduled work.

Home ▶ All Journals ▶ Sports and Leisure ▶ Journal of Sports Sciences ▶ List of Issues ▶ Volume 34, Issue 23 ▶ The relationship between game-based perf ....

Journal of Sports Sciences ›
Volume 34, 2016 - Issue 23

1,193 Views | 19 CrossRef citations to date | 8 Altmetric

Talent Identification and Coaching

The relationship between game-based performance indicators and developmental level in junior Australian football: Implications for coaching

Carl T. Woods, Lyndell Bruce, James P. Veale & Sam Robertson

Pages 2165-2169 | Accepted 01 Jul 2016, Published online: 20 Jul 2016

Cite this article https://doi.org/10.1080/02640414.2016.1210816

Check for updates

We Care About Your Privacy

We and our 909 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," whereas 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 ["privacy preferences"] link on the bottom of the webpage [or the floating icon on the bottom-left of the webpage, if applicable]. 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:

I Accept

Reject All

Show Purpose

ABS

Identifyi talent pathway investigated the relat mental level in junior cording to develop indicators were col espective 2014 na 16, 16 U18);

resulting in 1360 player observations (568 U16, 792 U18). Microtechnology and a commercial provider facilitated the quantification of 15 performance indicators. Generalised estimating equations (GEEs) modelled the extent to which these performance indicators were associated with developmental level. The GEE model revealed that “contested marks” and “contested possessions” had the strongest association with the U16 level, while “total marks” and “clearances” had the strongest association with the U18 level. The remaining performance indicators were not developmentally discriminant. These results indicate that there are distinctive features of gameplay more associated with the U16 and U18 levels in AF. Coaches may wish to consider these results when constructing training drills designed to minimise developmental gaps.

KEYWORDS:

Performance analysis | notational analytics | generalised estimating equations | youth

Acknowledgements

The auth[illegible] Australian Football League Talent Pathway for assistan[illegible]ided for this study.

Disclo[illegible]

No poten[illegible]

Relate[illegible]

Copyright

Accessibi

or & Francis Group
orma business

Registered
5 Howick Pl