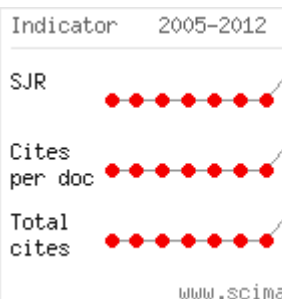


JHSE

- [Current Issue](#)
- [Back Issues](#)
- [Most read articles](#)
- [Indexing](#)
- [Advanced search](#)
- [Contact](#)
- [Site Map](#)
- [About](#)
- [Links](#)


GOOGLE TRANSLATE[Home](#) > [Vol 6, No 4 \(2011\)](#) > [Moreno](#)

Game rhythm and stoppages in soccer. A case study from Spain.

José Hernández Moreno, Antonio Gómez Rijo, Ulises Castro Núñez, Antonio González Molina, Miriam Esther Quiroga Escudero, Francisco González Romero

Abstract

The purpose of this paper was to quantify and analyze the participation/pause game times and stoppages of 11-a-side soccer. A total of 617 players of 44 Spanish men's teams and 33 matches of the 2007/08 and 2008/09 men's soccer players of 2nd division A and B and 3rd division were studied. The methodology used is observational and systematic, active and non-participating and with an observational instrument based on a

ARTICLE TOOLS [Print this article](#) [Indexing](#)[metadata](#) [How to cite item](#) [Finding](#)[References](#) [Review policy](#) [Email this article](#)

(Login required)

 [Email the author](#)

(Login required)

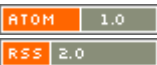
FONT SIZE**Browse**

- 
- [By Issue](#)
 - [By Author](#)
 - [By Title](#)

SearchAll 



CURRENT ISSUE



[OPEN JOURNAL SYSTEMS](#)

category system. The variables studied were:

Stoppages and Game Rhythm. The most frequent stoppage is out of bound (mean \pm SD) (59.03 ± 10.15), followed by fouls (37.33 ± 7.09). The stoppage which registers the longest duration (in hours, minutes and seconds) is foul ($16'35'' \pm 3'48''$), followed by out of bound ($14'30'' \pm 3'26''$).

Regarding game rhythm the real time of each match totaled an average of $1h36'14'' \pm 2'03''$ seconds. The actual time of play is on average $49' \pm 4'44''$ while the pause time is $47'14'' \pm 5'23''$ seconds. In the description of the implications of pause time in the game dynamics of soccer, some regularities can be observed; such as the fact that the most frequent stoppages are those made due to fouls and out of bound and that the duration of the majority of these stoppages varies within a range of 4 to 7 seconds. The pauses have shown to be a major element in the study of soccer game rhythm because they take at least half the total time of the match. Consistent with this, it is understood that game rhythm can easily be improved with regulatory modifications such as the elimination of interruptions because of substitutions.

Key words: soccer; dynamic; structure; participation; pause

doi: 10.4100/jhse.2011.64.03

Full Text: [PDF \(230 KB\)](#) [STATISTICS](#)

USER



Username

Password

Remember me

[Log In](#)

[Announcements](#)



This work is licensed under a [Creative Commons Attribution-NonCommercial-NoDerivs 3.0 Unported License](https://creativecommons.org/licenses/by-nc-nd/3.0/).

J. Hum. Sport Exerc. ISSN 1988-5202. doi:10.4100/jhse. Faculty of Education. University of Alicante. C/ San Vicente del Raspeig s/n - 03690 San Vicente del Raspeig - Alicante - Spain jhse@ua.es