

UTICAJ PARAMETARA TEHNIČKE EFIKASNOSTI NA PLASMAN ČLANOVA RVAČKE REPREZENTACIJE HRVATSKE NA SVETSKOM PRVENSTVU 2013. GODINE

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Uvod

Cilj ovog istraživanja bio je da se utvrde uticaji parametara tehničke efikasnosti na članove hrvatskog nacionalnog rvačkog tima i njihov plasman na Svetskom šampionatu 2013. godine, što je bilo posebno značajno zbog velikih promena pravila u rvanju koja su uvedena u januaru 2013. godine.

Metod

Analizirano je ukupno 16 rvača koji su učestvovali na Svetskom šampionatu tokom 2013. godine. Imali su ukupno 26 borbi. U smislu tehničkih parametara, ispitivana je učestalost sledećeg: rušenja, bacanja, zahvata u parteru, prevrtanja, podizanja, protivnapada, izguravanja i upozorenja zbog pasivnog rvanja ili faula. Plasman rvača na Svetskom prvenstvu je korišćen kao kriterijumska varijabla.

Rezultati sa diskusijom

Rezultati korelacije i izabranih parametara tehničke efikasnosti i plasmana pokazuje statistički značajnu korelaciju između njih ($p < 0.05$). Udeo – proporcija varijanse (*Multiple R²*) bio je 28%. Uz to, takođe je utvrđena statistički značajna korelacija ($p < 0.05$) za dve varijable u smislu konačnog plasmana rvača – bacanja iz stojke i kontrazahvata u parteru.

Zaključak

Uticaj parametara tehničke efikasnosti članova hrvatskog nacionalnog tima na njihov plasman je bio statistički značajan, ma koliko relativno mali. Može se izvesti zaključak da trenazne planove i programe za rvače različitog godišta treba modifikovati posle svake promene u pravilima rvanja, uzimajući u obzir značaj i uticaj parametara tehničke efikasnosti na plasman na Svetskom prvenstvu. Buduća istraživanja bi takođe trebalo da uključe druge parametre (taktičke, fizičku kondiciju, psihološke, itd.) koji imaju značajan uticaj na konačan plasman rvača na velikim takmičenjima.

Ključne reči: rvači kadeti, rvači juniori, rvači seniori, plasiranje, grčko-rimski stil

Literatura

1. Lopez-Gonzalez, D. (2013). Wrestler's performance analysis through notational techniques. International Journal of Wrestling Science. September 2013, Volume 3, issue 2, Pages 68 - 90.
2. Tünneman, H., (2013). FILA Advanced schools for coaches - Proceedings. http://inwr-wrestling.com/wp-content/uploads/2013/11/Budapest-2013_GR-engl.pdf

EFFECT OF TECHNICAL EFFICENCY PARAMETERS ON PLACING OF CROATIAN WRESTLING NATIONAL TEAM MEMBERS IN WORLD CHAMPIONSHIPS IN 2013

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Introduction

The goal of this study was to determine the effect of technical efficiency parameters in Croatian wrestling national team members on their placing in World Championships in 2013, which was particularly significant due to major changes of wrestling rules that were introduced in January 2013.

Method

A total of 16 wrestlers were analysed who participated in World Championships during 2013. They had altogether 26 fights. In terms of technical parameters, the following frequencies were examined: takedowns, throws, gut wrenches, roll-overs, lifts, counter attacks, pushouts and warnings due to passive wrestling or a foul. The wrestlers' placing in the World Championships was used as a criterion variable.

Results and Discussion

The results on the correlation between the selected parameters of technical efficiency and placing indicate a statistically significant correlation between them ($p < 0.05$). The proportion of variance (**Multiple R²**) was 28%. In addition, a statistically significant correlation ($p < 0.05$) was also determined for two variables in terms of the final placing of the wrestlers – throws from the standing position and turns from the par terre position.

Conclusion

The effect of technical efficiency parameters in Croatian wrestling national team members on their placing was statistically significant, however relatively little. The conclusion can be made that training plans and programmes for wrestlers of different age should be modified after each change of wrestling rules, with consideration of the importance and impact of technical efficiency parameters on the placing in World Championships. Future research should also include other parameters (tactical, physical conditioning, psychological, etc.) that have a significant effect on the final placing of wrestlers in major competitions.

Key words: cadet wrestlers, junior wrestlers, senior wrestlers, placing, Graeco-Roman

References

1. Lopez-Gonzalez, D. (2013). Wrestler's performance analysis through notational techniques. *International Journal of Wrestling Science*. September 2013, Volume 3, issue 2, Pages 68 - 90.
2. Tünneman, H., (2013). FILA Advanced schools for coaches - Proceedings. http://inwr-wrestling.com/wp-content/uploads/2013/11/Budapest-2013_GR-engl.pdf