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Analysis of the performance of national teams in Greco-Roman wrestling at the World Cup 2015

Abstract. Purpose: to analyze the performance of national teams in Greco-Roman wrestling at the World Cup in 2015. **Material and Methods:** the analysis of 118 highly skilled wrestlers of Greco-Roman style. **Results:** 10 basic technical actions that is more often used by wrestlers. Analysis of competitive activity of wrestlers of Greco-Roman style on the KW-2015 showed that more technical actions carried out in the front – 199 techniques than on the ground – 135 techniques. Wrestlers have a high-end high efficiency performance of reception throughout the bout. **Conclusions:** it was found that in the competitive technology dominated the offensive, the fight is ongoing at a fast pace, techniques are performed after prior training and if the athlete is confident that the reception will be executed.

Keywords: competitive action, national teams, effectiveness, Greco-Roman wrestling.

Introduction. Analyzing a tendency of the development of a fight in recent years, most of experts meet that for the development of wrestling including as an element of the program of the Olympic Games, it is necessary to take measures for the increase of productivity of wrestles at the preservation of high intensity of a fight throughout the whole fight [2; 6; 10; 12; 14].

The level of technical and tactical actions (TTA) of a sportsman mainly defines his success in a match [4; 6; 15; 18]. Scientific and methodical ensuring training of the qualified wrestlers demands first of all a choice of the most effective TTA and their further improvement [3; 8; 11; 13]. It is caused by that the composition and the structure of productive TTA quickly changes in sports practice. Therefore for training of high-class sportsmen it is important to inform wrestlers and coaches in time on the perspective directions of the development of a wrestling. Thus the analysis of the competitive activity of highly skilled wrestlers and the strongest national teams of the world is actual [1; 5; 9; 16; 17]. One of the prestigious team competitions in wrestling is the World Cup (WC) in which the strongest national teams of the world participate.

Communication of the research with scientific programs, plans, subjects. The work is performed according to the plan of the R W of Kharkov state academy of physical culture.

The objective of the research: to carry out the analysis of the performance of national teams on Greco-Roman wrestling on the World Cup of 2015.

Tasks of the work:

- to determine the level of technical and tactical preparedness of highly skilled wrestlers on WC-2015;
- to reveal distinctions in technical and tactical preparedness of teams-participants of WC-2015.

Material and methods of the research: analysis of scientific and methodical literature, pedagogical supervision, analysis of video records of competitive activity of wrestlers, timekeeping, mathematical statistics.

Results of the research and their discussion. We made pedagogical observations over the competitive activity of highly skilled sportsmen-wrestlers. Greco-Roman wrestling competitions were an object of supervision: The World Cup (WC) of 2015. 118 fights of wrestlers were analyzed.

Results of the performance of eight teams are given in tab. 1-3. In the comparative analysis of skill were considered: quality of victories and defeats; variety of technical actions; indicators (points, techniques and preventions passing in a fight).

Apparently from tab. 2, the national team of Azerbaijan won 23 victories from 31 carried-out matches and won the first place. Among victories on “touch” and noticeable advantage of the Azerbaijani, Russian and Turkish wrestlers is true on points (on 6 meetings). More often others were lost on points of Armenian wrestles (6 fights) and the German wrestlers (5 meetings). It should be noted that the Iranian sportsmen have more, than another; it is awarded victories in connection with removal of the opponent because of the passivity (2 fights). The Armenian wrestlers lost rather many fights according to preventions (2 meetings), and the Turkish wrestlers – on “touch” (2 fights).

Table 1

Results of matches between teams

№	National teams	Results of meetings					Victories: Defeats	Place
		Group A						
1	Iran	–	2:6	6:2	7:1	6:2	21:11	3
2	Azerbaijan	6:2	–	7:1	7:1	4:4	24:8	1
3	Sweden	2:6	1:7	–	6:2	2:6	11:21	6
4	Germany	1:7	1:7	2:6	–	6:2	10:22	7
Group B						Finals*		
5	Russia	–	5:3	7:1	6:2	4:4	22:10	2
6	Hungary	3:5	–	5:3	4:4	6:2	18:14	5
7	Armenia	1:7	3:5	–	2:6	2:6	8:24	8
8	Turkey	2:6	4:4	6:2	–	2:6	14:18	4

Note. Finals*: Germany-Armenia; Sweden-Hungary; Iran-Turkey; Azerbaijan-Russia.

Table 2

Distribution of matches according to the result

Place	National teams	Quantity of fights	Number of victories				Number of defeats			
			T	PP	P	«R»	T	PP	P	«R»
1	Azerbaijan	31	2	4	16	1	–	1	7	–
2	Russia	32	–	6	15	1	1	1	7	1
3	Iran	30	1	1	15	2	1	2	8	–
4	Turkey	31	1	5	7	1	2	–	14	1
5	Hungary	31	1	1	13	1	–	4	10	1
6	Sweden	28	2	2	7	–	1	4	12	–
7	Germany	31	–	1	8	–	1	5	15	1
8	Armenia	32	–	4	5	–	1	6	14	2

Note. T – “touch”, PP – it is pure on points, P – on points, “R” – in connection with disqualification of the opponent for three preventions.

The analysis of a technical arsenal of the competitive activity of highly skilled wrestlers allowed to allocate 10 main technical actions which are most more often used for WC-2015: fall over by a fin – 76 times (23%), fall over by a return belt – 8 (2%), sprints by a back belt – 26 (8%), counter techniques in a mat – 25 (7%), transfers – 44 (13%), throws by a deflection – 9 (3%), throws by a subcollar – 21 (6%), dumping by knocking down for a trunk – 31 (9%), pushing out for a carpet – 82 times (25%), counter techniques in a rack – 12 times (4%) (tab. 3).

The Azerbaijani wrestlers executed technical actions most of all – 63 techniques and Russian – 60 techniques, most less German sportsmen – 24 techniques and Swedes – 23 techniques. It is necessary to notice that the German wrestlers carried out only 5 technical actions in the pit. The Azerbaijani and Russian sportsmen used simple one-point TTA – pushing out behind a mat for the achievement of a victory more often than others, and also applied difficult (4-points) TTA – throws by a deflection and a back belt with a big amplitude most. The Iranian, German, Armenian and Swedish sportsmen generally used in matches low-productive (one-point, two-points) TTA – fall over by a fin, pushing out behind a mat and transfers on the ground. The Russian, Iranian and Armenian wrestlers carried out counter techniques in a rack and a wrestling mat (on 8 times) (tab. 3) most of all.

Five – points tricks (0,5% of all TTA) and four – points (10,5%) techniques were carried out a little on WC-2015. Such beautiful throws as a return belt started disappearing from an arsenal of wrestlers. It is also necessary to notice that all five-point techniques (2) were carried out by wrestlers of the heaviest weight category 130 kg.

By the analysis of competitive actions on WC -2015 it is established that offensive actions prevail as a part of the competitive technique, a fight is conducted constantly at high speed, techniques are carried out after the previous preparation and in case the sportsman is sure that a technique will be executed.

High-class wrestles have a high productivity of the performance of a technique throughout the whole match (within two periods).

Table 3

The analysis of productivity of the technique applied by wrestlers on WC-2015

Technical actions	National teams								Σ	%
	AZE	RUS	IRI	TUR	HUN	SWE	GER	ARM		
	Quantity of technical actions									
A ground:										
1. Fins	13	12	5	16	11	8	2	9	76	23
2. Return belt	4	–	–	2	–	1	–	1	8	2
3. Back belt	6	10	2	–	3	1	1	3	26	8
4. Counter techniques	1	5	4	2	2	2	2	7	25	7
Total on the ground:	24	27	11	20	16	12	5	20	135	40
A rack:										
5. Transfers	6	6	8	9	6	1	2	6	44	13
6. Throws by a deflection	1	1	–	1	3	2	–	1	9	3
7. Throws by a tuck	4	1	–	4	5	2	2	3	21	6
8. Dumping by knocking down	10	4	2	2	3	1	6	3	31	9
9. Pushing out behind a mat	17	18	14	7	8	5	7	6	82	25
10. Counter techniques	1	3	4	1	–	–	2	1	12	4
Total in a rack:	39	33	28	24	25	11	19	20	199	60
Total in a rack and on the ground:	63	60	39	44	41	23	24	40	334	100
1-point TTA	40	40	25	16	25	13	13	13	185	47
2-points TTA	31	25	16	27	16	11	10	27	163	42
4- points TTA	8	10	3	6	8	1	2	3	41	10,5
5- points TTA	–	–	–	–	–	1	1	–	2	0,5

Note. AZE Azerbaijan, RUS Russia, IRI Iran, TUR Turkey, HUN Hungary, SWE Sweden, GER Germany, ARM Armenia.

Conclusions. The analysis of WC-2015 shows that, along with other factors, the advantage of the strongest wrestlers consists in a successful and stable use of technical and tactical actions during a match and an ability to impose to the rival the style of conducting a fight.

Tactical preparation is of great importance when carrying out technical actions. In the course of a fight it is very important to create or find ability in the difficult, fast-changing situation of a wrestling match favorable dynamic situation for carrying out the attacking and counterattacking actions.

The research of technique on WC -2015 allowed to define technical actions which are used effectively in competitive fights by highly skilled wrestlers of the Greek-Roman style: fall over by a fin, fall over by a return belt, throws by a back belt, counter techniques in a rack and on the ground, transfers, throws by a deflection and by a tuck, dumping by knocking down for a trunk, pushing out behind a mat.

The analysis of the competitive activity of wrestlers of the Greco-Roman style on WC-2015 showed that more technical actions were carried out in a rack – 199 techniques (60%), than on the ground – 135 techniques (40%).

It is established that the Azerbaijani and Russian sportsmen used simple one-point TTA – pushing out behind a mat more often than others for the achievement of a victory, and also applied difficult (four-points) TTA – throws by a deflection and a back belt with a big amplitude most. The Iranian, German, Armenian and Swedish sportsmen generally used in matches low-productive (one-mark, two-points) TTA – fall over by a fin, pushing out behind a mat and transfers to the ground. Counter techniques in a rack and on the ground were carried out by the Russian, Iranian and Armenian wrestlers most of all.

Further researches will be directed on drawing up theoretical characteristics of technical and tactical

preparedness of highly skilled wrestlers of the Greek-Roman style.

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