

**INDICATORS OF TECHNICAL AND TACTICAL ACTIONS (COMBAT SPORTS, TACKLES, INTERCEPTIONS, KICKS) OF THE UKRAINIAN NATIONAL TEAM IN THE GAMES OF 1/8 AND 1/4 OF THE EUROPEAN CHAMPIONSHIP IN 2020-2021**

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**Purpose:** to conduct a comparative analysis of indicators of technical and tactical actions (combat sports, selections, interceptions, kicks on goal) of the national team of Ukraine in 1/8 with the team of Switzerland and in 1/4 with the team of England in the European Championship.

**Material and methods:** theoretical analysis and generalization of data of scientific and methodical literature, methods of pedagogical observations, methods of mathematical statistics, registration and comparative analysis of technical and tactical actions (combat sports, selections, interceptions, kicks on goal) of the national team of Ukraine in 1/8 with the team Sweden and with the team of England in the 1/4 of the European Championship 2020-2021.

**Results:** quantitative and qualitative analysis of indicators of technical and tactical actions (combat sports, selections, interceptions, kicks on goal) of the national team of Ukraine in 1/8 with the national team of Sweden and with the team of England in 1/4 of the European Championship 2020-2021.

**Conclusions:** obtained quantitative and qualitative indicators of TTA (combat sports, selections, interceptions, kicks on goal) of the national team of Ukraine in

1/8 with the team of Sweden and in 1/4 with the team of England at the European Championship 2020-2021, which indicate the fact that the national team of Ukraine had much higher quantitative indicators of TTA, but the quality of these indicators is much worse than rivals. A comparative analysis of the quality indicators of TTA (single combat) of the national team of Ukraine with the national teams of Sweden and England shows that they do not meet the model characteristics, despite the fact that with the Swedish national team the Ukrainian team achieved a positive result.

**Keywords:** technical and tactical actions, combat sports, football players, defect rate

## **Introduction**

Analysis of the performance of the strongest teams in the world allows us to form the main trends that have emerged in modern football. Football has become faster, tougher, more intense. The significance of each game episode increases, the number of single combats increases, which ultimately leads to an increase in the intensity of meetings. Each fight requires the mobilization of physical strength and moral and volitional qualities [4, 13]. This is evidenced by the last European Championship in 2020-2021.

The development of football determines the rivalry between attack and defense in one time space, priority was given to defensive schemes, in the second - offensive. The head coach of the French national team Didier Deschamps expressed the opinion that the main thing for the team is not to miss the ball in their goal, because during the match there will always be 2-3 moments to score a goal [7].

The structure and criteria for the effectiveness of competitive activities of players of different ages, qualifications and game roles are now well studied [1, 3, 14]. One of the important components of technical and tactical actions of TTA in competitive activity is protective actions. The main defensive actions include: martial arts, selections, interceptions.

One of the features of modern football is the growing importance of each game episode. Martial arts are the most important because the quantity and quality of this indicator largely determines the success of the team. Martial art in a game is a fight for a ball that is controlled by an opponent.

Selection is an action aimed at mastering a ball controlled by an opponent. There are two types of selection: complete and incomplete. With a full selection, the ball is taken by the player or his partner. In case of incomplete selection - the ball is reflected at a certain distance or behind the sideline. Interception is an action aimed at mastering a ball that is not controlled by an opponent [2, 10]. Control of football players' game activity allows to obtain an objective description of TTA in certain episodes of the match and the game as a whole, as well as provides an opportunity to make adjustments to training work individually [5, 6, 12].

Of particular interest to experts is the study of those TTA, which, in their opinion, make the greatest contribution to the outcome of the game. To such TTA experts carry blows on gate [8, 9, 15].

Thus, in a previous study [11], the authors found that high-level teams perform an average of 13,2 kicks on the goal per game. From them: from game - 11,9 kicks, after drawing of standard provisions - 1,3 kicks:

- foot - 11,4 kicks, head - 1,8 headers;
- after the rebound of the ball from the frame of the goal, goalkeeper, or defender - 2,1 kicks,
- after passing the ball from a partner - 9,8 kicks;
- in one touch - 5,0 strokes, the second touch - 3,4 kicks, after the ball - 3,4 kicks;
- from the ground - 10,0 kicks, on a flying ball - 3,2 kicks;
- from the area of the goal area - 0,6 kicks, from the area between the goal area and the penalty spot - 2,7 kicks, from the area of the penalty area and the line of the penalty area - 2,4 kicks, from outside the penalty area - 7,5 kicks.

**The purpose of the study** is to conduct a partial analysis of indicators of technical and tactical actions (single combats, selections, interceptions and kicks

on goal) of the national team of Ukraine in 1/8 with the team of Sweden and in 1/4 with the team of England in the final part of the European Championship 2020-2021.

### **Material and Methods of research**

Registration and analysis of TTA was carried out in the games of the European Championship 2020-2021 in accordance with the known recommendations. The games in the 1/8 finals with the Swedish national team and in the 1/4 finals with the England national team were analyzed.

**Research methods:** theoretical analysis and generalization of data of scientific and methodical literature, methods of pedagogical observations, methods of mathematical statistics.

### **Results of the research**

Table 1 shows the quantitative and qualitative indicators of the TTA of the national team of Ukraine in the 1/8 finals with the national team of Sweden and in the 1/4 finals with the national team of England. Thus, with the Swedish national team, the Ukrainian team performed 113 TTA (combat sports, selections, interceptions), 49 of them - with a negative indicator. The defect rate was 41%. In turn, the Swedish national team performed 45 TTA of them with a negative indicator - 11, the defect rate was 14%, which is equal to the model indicators.

*Table 1*

### **Quantitative and qualitative indicators of TTA of the national team of Ukraine in 1/8 with the team of Sweden and the team of England in 1/4 of the European Championship 2020-2021**

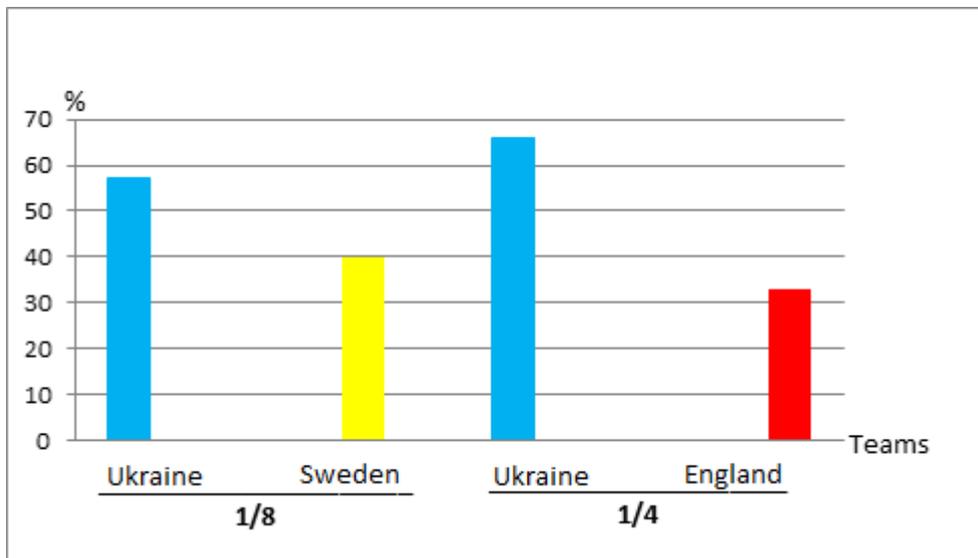
№	Teams	<i>martial arts</i>				<i>selection</i>				<i>interception</i>				<i>Total for the game</i>	
		<i>I half</i>		<i>II half</i>		<i>I half</i>		<i>II half</i>		<i>I half</i>		<i>II half</i>			
		<i>n. of actions</i>	<i>defect rate</i>	<i>n. of actions</i>	<i>defect rate</i>										
<i>1/8 final</i>															
1	Ukraine	16/12	75%	12/4	33%	21/12	57%	15/10	66%	25/5	20%	24/8	33%	113/49	41%
2	Sweden	16/4	25%	11/7	63%	1/0	0%	6/1	16%	7/0	0%	0/0	0%	45/11	24%
<i>1/4 final</i>															
1	Ukraine	5/3	60%	7/5	71%	23/14	61%	14/6	43%	20/5	25%	13/5	38%	82/38	46%
2	England	5/2	40%	7/2	28%	5/2	40%	9/1	11%	14/3	21%	17/1	6%	57/11	19%

The number of TTA of the national team of Ukraine is much higher than that of the national team of Sweden, which indicates that the national team of Ukraine spent more time in defensive actions. Only in single combats in the first and second halves the figures were the same, although the defect rate in the first half of the national team of Ukraine was 75%, and in the second - 33%. At the same time, the performance of the Swedish national team in the first half - 25%, and in the second - 63%. The quality of selections and interceptions is much better in the Swedish national team. The number of TTA (combat sports, selections, hiding) in 1/4 of the national team of Ukraine with the national team of England was - 82, of which with a negative penalty - 38. The defect rate was 46%. The number of TTA (combat sports, selections, interceptions) of the national team of England was - 57, with a negative indicator - 11. The defect rate is 19% which corresponds to the model characteristics.

The number of performances of combat sports in the first and second half of these teams was the same, but the quality of performance is better in the England national team. As for the selections of the national team of Ukraine, in the first half 23 selections were made with a defect rate - 61%, in the second half - 14, of which with a negative result - 6. The defect rate was - 43%. The national team of England made 5 selections in the first half with a negative indicator - 2. The defect rate was 40%, in the second half - 9 selections, a negative indicator - 1. The defect rate - 11%, which is much better than the national team of Ukraine.

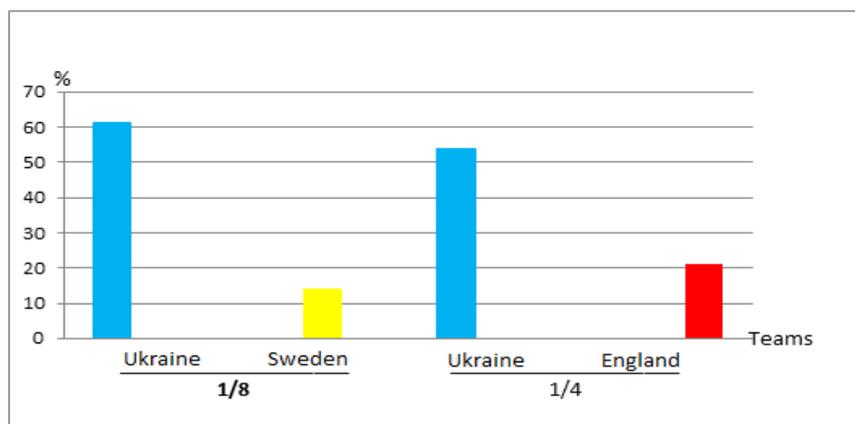
The national team of Ukraine performed 20 interceptions in the first half, including 5 with a negative indicator. The defect rate was 25%. In the second half is 13/5. Defect rate is 38%. The England national team made 14 interceptions in the first half, with a negative indicator - 3. The defect rate was - 21%, and in the second half - 17 selections, with a negative indicator - 1, which is significantly better than the results of the Ukrainian national team. Thus, we can conclude that the national team of Ukraine in the games with the national team of Sweden and the national team of England had much higher quantitative indicators of TTA, but the quality of these indicators is much worse than that of rivals.

Analyzing and comparing the quality of TTA martial arts in the games of the national team of Ukraine with the national teams of Sweden and England, we can conclude that they do not meet the model characteristics, despite the fact that with the Swedish national team the team achieved a positive result (Fig. 1).



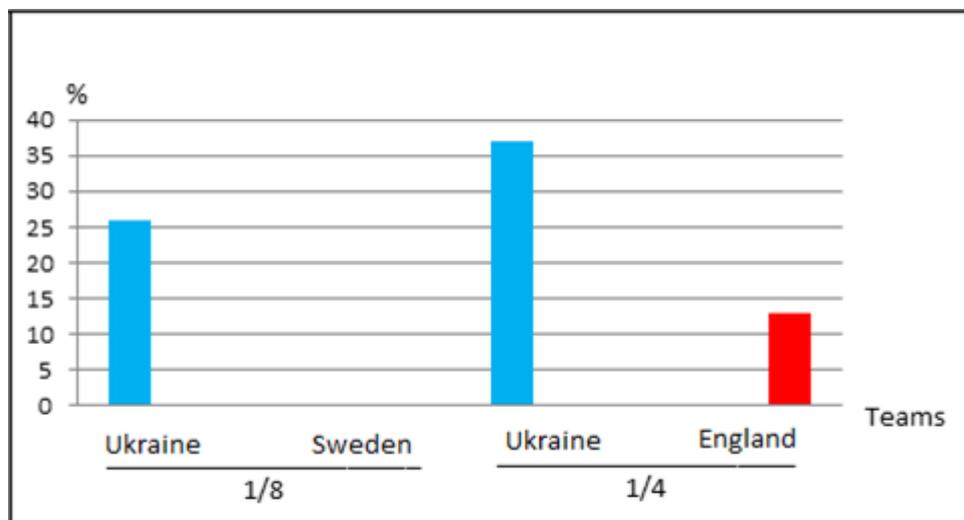
**Fig. 1.** Indicators of team's defect of combat sports of Ukraine, Sweden and England teams in 1/8, 1/4 of the European Championship 2020-2021

One of the important components of protective actions is selection. The quality of these actions team of Ukraine also differs significantly from the national teams of Sweden and England (Fig. 2).



**Fig. 2.** Indicators of team's defect in the selection of the ball of Ukraine, Sweden and England teams of in 1/8, 1/4 of the European Championship 2020-2021

As for the interceptions of the ball, these indicators of the national team of Ukraine from all TTA (combat sports, selections, interceptions) are the best in quality, but inferior to the indicators of the national teams of Sweden and England (Fig. 3).



**Fig. 3.** Indicators in the interception of the ball by Ukraine, Sweden and England teams in the 1/8, 1/4 finals of the European Championship 2020-2021

Table 2 shows the quantitative and qualitative indicators of kicks of the national team of Ukraine with the national team of Sweden in 1/8 and with the national team of England in 1/4 of the European Championship 2020-2021.

*Table 2*

**Quantitative and qualitative indicators of kicks on goal by Ukraine team in 1/8 and 1/4 of the European Championship with the teams of Sweden and England (regular time)**

№	Teams	Per match	
		Hits	Defect rate
<i>1/8 final</i>			
1	Ukraine	15/11*	73%
2	Sweden	13/10*	77%
<i>1/4 final</i>			
1	Ukraine	7/5*	71%
2	England	10/4*	40%

\* total number of hits / number of kicks that did not hit the goal

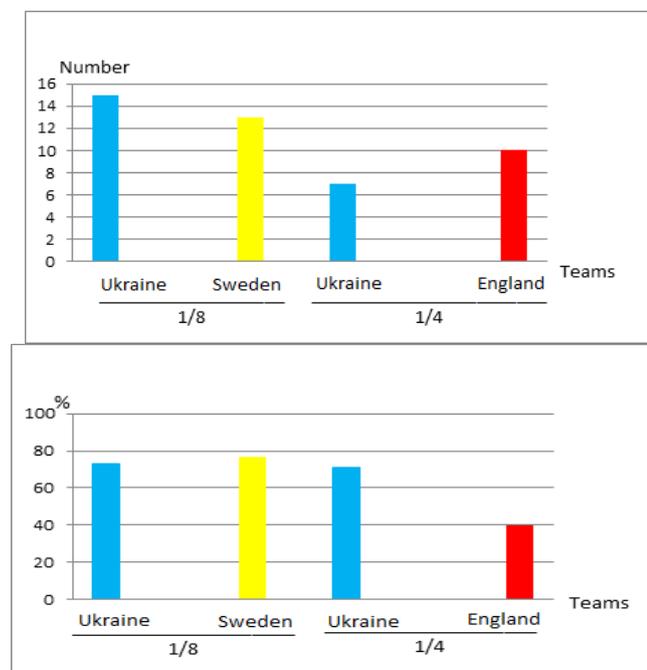
Thus, the national team of Ukraine performed only 15 kicks, of which with a negative indicator - 11. The defect rate was - 73%.

The Swedish national team made only 13 kicks, 10 of them with a negative result. The defect rate was 77%. The obtained results of the number and quality of ball kicks between the teams of Ukraine and Sweden do not differ significantly.

The following indicators were obtained in the match between the national teams of Ukraine and England: the national team of Ukraine performed only 7 kicks, 5 of them - with a negative indicator. The defect rate was - 71%; England - 10 kicks, 4 of them - with a negative result. The defect rate was 40%.

It should be noted that out of 6 kicks on goal, 4 kicks were effective.

In fig. 4 we see that the national team of Ukraine performed the largest number of kicks in the game with the national team of Sweden. The smallest number of kicks was made with the England national team.



a) *quantitative indicators of kicks*                      b) *qualitative indicators of kicks*

**Fig. 4.** Quantitative and qualitative indicators of kicks on goal by Ukraine, Sweden and England teams in 1/8, 1/4 of the European Championship 2020-2021

The coefficient of defect of the national team of Ukraine in kicks on goal does not differ significantly, in games with the team of Sweden it was 73%, with the team of England -71%.

## **Conclusions / Discussion**

The analysis of scientific and methodical literature under the control of TTA of highly qualified football players is relevant at the present stage of development of modern football.

The obtained quantitative and qualitative indicators of TTA performance (combat sports, selections, interceptions, shots on goal) of the national team of Ukraine in 1/8 with the team of Sweden and in 1/4 with the team of England at the European Championship in 2020-2021 indicate that The national team of Ukraine had much higher quantitative indicators of TTA, but the quality of these indicators is much worse than that of rivals.

A comparative analysis of the qualitative indicators of the TTA of the Ukrainian national team with the national teams of Sweden and England shows that they do not meet the reference characteristics, despite the fact that the Ukrainian team has achieved a positive result with the Swedish national team.

**Prospects for further research.** We see prospects for further research in the continuation of pedagogical observations of the competitive activities of highly qualified teams.

**Conflict of interest.** The authors note that no conflict of interest may be perceived to be detrimental to the impartiality of the article.

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