

# Comparison of Performance and Competitive Performance Judoists Ii (13-14 Years) and III (15-17 Years) Age Groups

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*Received: 7 April 2021 Accepted: 1 May 2021 Published: 15 May 2021*

## Abstract

When an athlete moves from stage to stage, it is very important to know which indicators change reliably. So it is possible to identify the leading indicators of readiness and competitive activity, on which coaches should focus their attention [1, 2]. The age of 13-14 corresponds to the stage of in-depth specialization, 15-17 years - to the stage of sports improvement. At the age of 15-17, the main parameters of an adult athlete are formed. Therefore, the identified indicators will remain the main ones until the end of their sports career.

**Index terms**— judo; competitions; preparedness of sportsman; fight.

When an athlete moves from stage to stage, it is very important to know which indicators change reliably. So it is possible to identify the leading indicators of readiness and competitive activity, on which coaches should focus their attention [1,2]. The age of 13-14 corresponds to the stage of in-depth specialization, 15-17 years -to the stage of sports improvement. At the age of 15-17, the main parameters of an adult athlete are formed. Therefore, the identified indicators will remain the main ones until the end of their sports career. ?????????? ?  
????? ?? ?????????? ??????????? II ?????? ??? 38 ?? ???????, ??? ? ??? ??????????? ???? ??? ????????????:  
????? (?7), ??? (?8), ?? (?10), ??? (?11), ??? (?12), ??? (?13), ??? (?17), ??? ?????????????? (?31). ?  
????????????? III ??????: ??? (?2), ??? (?3), ??? (?5), ??? (?9), ??? (?14), ??D??? (?18), ??D??? (?19), ???  
(?20), ??? ?? 60 ? (?25), ?????????? ?????????? ?? ??????? ??? ? ??????? 20-?? ?????? (?27), ?????? ? ??????  
? ?????? (?28), ?????????????? ? ?????? (?29), ?????????? ? ?????????? ?????????????? ??? (?30), ?????????? ??????  
????????????? ?????? (?33), ??? ?????????????? ??.. (?35), ?????? ?????????? 10-?? ?????? ?????? ??? (?37)

## 1 Keywords

?16), ?????????????? ?????? ?????????? ?????? ??? (?18), ?????????? ?????????????? ?????? ???  
(?19),????????? ?????? ?????????? ?????? ??? (?20), ?????? ?????????? ??? ? ??? (?23), ?????? ? ?????? ?  
????? (?28), ?????????? ? ??? (?29), ?????? ?????????? ?????? (?32), ??? ?????????????? ?. (?35),  
????? ?????????? 10-?? ?????? ??? (?37), ?????????? ?????????? ?????????? (?38). ?? II ??????  
????? ?????? ??????????: ??? ?????????? ?????? (?6, ?7), ?????? ?????? ?????? (?11), ??????????  
????????? ??? ???? (?12) ? ?????? ??? (?15), ?????? ?????????? (?31), ?????? ?? ?????????? ??????  
(?34), ?????? ?????????? 10-?? ?????? ??? (?36). ?????? ?????????????? ?????????? ??????????  
??? ? ?????????? III ?????? ??? ?????? ?????????? ?????????? (?2 -?5, ?20), ??? ?????????? ?????? (?9,  
?14) ? ?????? (?18, ?19), ??? ?????????? ?????????? ? ?????????? ?????? (?16). ? ?????????? II  
????? ?????? ?????????? ?????????? ?????? (?6, ?7), ?????? ?????? (?11, ?12) ? ?????? ? ?????? ???  
(?15). ?? ???, ?????????? ?????????? ??????-???? ?? ?????? ? ?????????? ?????????????? ??????????  
???. ?????????????? ?? ?????????? ?????? ? ?????????? ?????? ?????????????? (?22): ? III ?????? ??  
????????? 36,43%; ? ?? II -33,41%. ?? ?????????? ?????? ?????? ?????? ?????? III ??????,  
????????? ??????????.

????????? ??? ???? ?????? ?????? ?????? ?? 46 ?? ?????? ?????? ? ??? (?2), ??? (?3),  
??? (?4), ??? (?8), ??? (?9), ?? (?10), ??? (?11), ??? (?12), ??? (?13), ??? (?14), ?????????? (?16),  
??D??? (?18), ??? (?20), ?????????????? ?????????? (?22), ?????? ?????? (?23) ? ??????????  
????????? (?24) ???, ?????????? ? ?????? ??? ? ?????? 15-?? ?????? (?26), ?????? ? ?????? ? ?????? (?28),  
????????? ? ??? (?29), ?????????? ? ?????? (?30), ??? ?????? ?????????? (?31), ?????? ?????? ??????

# 1 KEYWORDS

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46 ?????????????? ??????? (?33), ?????? ?????????????? ?. (35), ?????? ?????????? 10-?? ?????? ?????? ?????  
47 (?37), ?????????? ?????????? ?????????? (38). ? ?????????? II ?????? ?????????? ? ?????? (?4,  
48 ?8, ?10 -?12), ?????????????? ?????? (22). ? ?????????? III ?????? ?????????? (?2, ?3,  
49 ?20), ?????? (?9, ?14), ?????? ??? (?13), ?????????? ?????????? ? ?????????? ?????? (?16), ?????? (?18)  
50 [3][4][5]. ? ?????????? ?????????? III ?????? ?????? ?????????? II ?????? ?????? ? ?????? ?  
51 ?????? (?28) ? ?????? ?? ?????? ?????????? (31). ??? ?????? ??????????, ?????????? ?????? ??????  
52 ? 15 -17 ??? ?????????? ?????????? ? ?????? ?????? ?????? ?????? ?????? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?  
53 ?????? ?????? ?????? ?????????????????? , ? ?????? ??? ?????????? ?????? ?????? , ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?  
54 ?????????????? ?????????? (?22): ? II ?????? ? ? ?????????? 41,02%; ? III -36,43%.  
55 ? ?????? ?????? ?? 50 ?? ?????? ?????? ?????? ?????????? ? 23 ??????????: ??????  
56 ?????????????? (?2, ?3), ?????????? (?4, ?5) ? ?????????? (?6) ??????, ?????????? ???? (?10, ?11),  
57 ?????????? ?????????? ??? (?13) ? ?????? ??? (?14) ? ??? (?15), ?????????? (?16),  
58 ?????????? ?????????? ? ?????? ??? (?17), ?????????? ?????????? ?????????? (?21), ??????????????????  
59 ?????????? (?22), ?????? ?????????? ??? ? ??? (?23), ??? ? 60 ? (?25), ?????????? ? ? ????  
60 ??? ? ?????? 15-?? ?????? (?26), ?????????? ? ??? (?29), ?????????? ? ?????????? (?30), ?????  
61 ?????????? (?31), ?????? ?????? ?? ?????????? ??? (?34), ?????? ?????????? 10-?? ??????  
62 ?????? ?????? (?36), ?????????? ?????????? ?????????? (?38). ?????????? II????? ?????? ?????? ??  
63 ??? ?????????? ?????????????? ?????????? (?6, ?17) ? ?? ??? -????????????????? (?23, ?31). ?????  
64 ?????????? ?????????? ?????????? III????? ?? ??????. ?????????? ? ?????? ?? ?????? ??????  
65 ?????????? ?????? ??? ??? ?????????????? ?????????? , ?????????? ?????????? ?????? ? ?????. ??????  
66 ?????????????? ?????????? (?22) ? ??? ?????????? 49,54%; ? ?????? ?????? -27,57 %.  
67 ? ?????? ?????? ?? 55 ?? ?????? ?????????? ?????????? ?? ?????????? ??????????: ??? (?5),  
68 ??? (?7), ??? (?13), ?????????? (?16), ??? (?17), ??D?"? (?18), ??D?"? (?19), ??? (?20), ??? (?21),  
69 ?????????????? ?????????? (?22), ?????????? ?????????? ?? ?????? ??? ? ?????? 20-?? ?????? (?27),  
70 ?????????? ? ??? (?29), ?????????? ? ?????????? (?30), ?????? ?????? ?????????? ?????? (?33),  
71 ?D?"? (?34), ?????? ?????????? 10-?? ?????? ?????? (?37). ?? ?????????? ?????? ?????? ? ???  
????? ?????? II ??????: ?20, ?27 <sup>1</sup>

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Performance Judoists Ii (13-14 Years) and III  
(15-17 Years) Age Groups  
????????? ?????????? ??D?"D?"????????? ? ??????????????????  
D?"?????????  
D?"?D?"?????II (13-14 ???) ? III (15-17 ???) ?????????? D?"?????  
A.M. Mamyтов ? & O.V. Koptev ?

[Note: [1, 2]. ?????? 13-14 ??? ?????????????? ?????? ?????? ?????????? ?????????????? 15-17 ??????  
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Figure 1: ??? ?????????? ?????????? ? ?????? ?? ?????? ?????? ?????? ?????? ?????? ??????????  
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????????????? ??????; ??????.

Figure 2: ?????????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????

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<sup>1</sup>m 0,29 0,09 0,17 0,07 0,12 0,08 1,35 1,58 0,91 8,50 P" ? 0,001 0,01 0,01 0,001 0,001 0,001 X??. (III, 50 ??) 9,30 2,10 3,70 1,50 1,80 0,40 27,19 83,15 33,60 139,08 m 0,20 0,08 0,17 0,09 0,11 0,06 1,12 1,40 0,79 6,13 X??. (II, 50 ??) 7,13 0,50 1,88 0,13 1,25 0,38 23,69 80,26 61,22 483,93 m 0,32 0,06 0,13 0,04 0,07 0,05 2,20 1,53 1,60 68,91 P ? 0,001 0,001 0,001 0,001 0,001 X??. (III, 55 ??) 9,00 1,29 2,65 0,82 2,06 0,71 19,86 83,71 32,62 185,84 m 0,36 0,10 0,20 0,10 0,12 0,07 0,81 0,99 0,93 8,65 X??. (II, 55 ??) 9,88 1,50 3,00 0,50 2,38 1,00

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? ??????? (?17, ?19), ?????? ?????????????? ? ??????????  
(?21). ?????????????????? ??? ? ?????????? ?????? ?  
?????????? III ?????? ??? ?? ????? ?????? ??????  
???? ? ?????????????????? ? ??????????????????  
????????????????? (? 5 ?????????????? ?? 16) ??????????  
????????????????? ??? ????? ??????????????????  
????????????? (?22) -42,19% ?????? 38,47% ?? II  
?????.  
?????. ??????? ??? ?????????? ?????????? II ? III  
?????, ??????????????, ??? ?  
????????????? ??? ? ?????????? III ?????? ???, ??? ?  
II, ????. ?31, ?32, ?36. ??? ?? ?????? ?????  
????????? ?????? ?????? (? ?? ??? ? ??????), ??  
????????? ? ?????? II ?????? ? ??????  
????????? ?????? ??? (?6), ?????????? ??????  
????? (?11), ????? ?????????? (?31); ? ??????????  
III ?????? -? ?????? ?????????????? (?2, ?3) ?  
????????? (?4, ?5) ??????, ??????????????  
????????? ?????? (?9), ?????????????? ??????????  
????? ???(?14), ??????????  
????????????? ?????? ?????? ??? (?18),  
????????? ?????????????? ?????? ??? (?19),  
????????? ?????????? ?????? ??? (?20),  
????????? ?????????? ??????????  
????????????? ?????????? (?22), ??????????  
????????? ? ??? (?29) ? ?????????? ? ??????????  
????????? ?????????? ?????? (?????????) ??? ?????????????? III ?????? -15 -17 ???, ??? (?

## **1 KEYWORDS**

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18,36 81,27 32,14 167,94 m 0,50 0,14 0,18 0,08 0,14 0,08 1,12 0,85 0,56 6,60 P ? 0,01 0,01 X??. (III, 60 ??) 8,08  
1,83 3,17 0,92 2,33 0,25 25,85 86,50 36,05 163,87 m 0,38 0,10 0,19 0,07 0,09 0,05 1,20 0,88 0,97 7,14 X??. (II, 60  
??) 6,33 0,56 2,33 0,33 1,89 0,11 27,85 77,39 33,19 118,29 m 0,15 0,06 0,17 0,05 0,12 0,04 1,63 1,20 1,06 5,81 P ?  
0,001 0,001 0,001 0,001 0,01 0,05 0,001 0,05 0,001

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- 73 [???????] (ed.) () ?????? ??????????? ??????????? (?????? ? ??????? ?????): ?????-?????, ? ? ?????? .  
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- 77 [?????????] (ed.) () ?????? ?????????????? ?????????????? ?????????? ??????, ? ? ?????????? . / ?.?. ??????????,  
78 ?.?. ??????. ??????: ??-D?"????? (ed.) 1995. 80.
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