

A Comparative Study of various Types of Aggression of Wrestlers Participating in University and State Level Tournaments

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1.0 Introduction

In the sports field there are number of ways by which the different types of games are classified. Such as Indoor or Outdoor games, Individual and Team Games, Contact and Non Contact sports, etc. Amongst all these type of games the contact sports are the true test of a sportspersons not only physical strength but also the mental strength. In the field of contact sports wrestling game has a special place as it has a rich history in India as well as other countries. The popularity achieved by professional wrestling has put a lot of focus on the psychological aspects of the wrestlers. Also, the game has not just remained a sporting event but a show wherein the wrestlers appear larger than life professionals. All this demands that the wrestlers are very good sportspersons with best quality skills and somewhat aggressive for meeting their marketing related commitments. Although aggression is clearly visible in many sporting events the wrestling has arguably the most of it. In the backdrop of above information, this investigation was carried out to know the aggression level of wrestlers of Vidarbha region vis-à-vis their participation in tournaments conducted at different levels. That is the wrestlers of Vidarbha who participated in University and State Level wrestling tournaments were only selected.

2.0 Methodology

2.1 Research Design

For conducting this study a descriptive research design was adopted and comparative analysis of aggression amongst wrestlers was carried out.

2.2 Sampling method and Sample Size

Stratified random sampling method was used to select 120 male wrestlers (60 who represented

their teams in University and 60 who represented their teams in State level tournaments) were selected.

2.3 Tool used and data collection method

In order to determine the aggression level of wrestlers, the Aggression Inventory (AI) developed by M.K. Sultania was used. All the data was collected by the researcher by survey method and by personal contact with the wrestlers.

2.4 Data Analysis Techniques and Significance Level

The data was subjected to statistical treatment and Mean, Standard Deviation, Minimum, Maximum, etc. were determined and comparative assessment was done using student's 't' test. The significance level was chosen to be 0.05.

3.0 Statistical Analysis and Interpretation

3.1 Assault aggression level of wrestlers

Table 1: Assault type of aggression amongst wrestlers participating in University and State level tournaments

Level of participation	Mean	± SD	Min	Max	't' value	P
University	4.1	± 0.6	4	7	4.239	<0.05
State	5.6	± 0.7	4	9		

SD: Standard deviation;

Min: Minimum; **Max:** Maximum

Table 1 presents results regarding assault aggression level of the wrestlers participating University and State level tournaments. Data shows that assault aggression score of University level wrestlers is 4.1 ± 0.6 while that of wrestlers

participating in State level tournaments is 5.6 ± 0.5 . The comparative assessment showed that there is significant ($P < 0.05$) difference in the assault type aggression of the wrestlers participating in University and State level tournaments.

3.2 Irritability type of aggression of wrestlers

Table 2: Irritability aggression level of wrestlers participating in University and State level tournaments

Level of participation	Me an	± SD	Min	Max	't' value	P
University	3.6	± 0.5	2	5	4.391	<0.05
State	5.4	± 0.6	4	6		

SD: Standard deviation;
Min: Minimum; **Max:** Maximum

Table 2 presents results regarding irritability type of aggression level of the wrestlers participating University and State level tournaments. Results show that irritability type of aggression score of University level wrestlers is 3.6 ± 0.5 while that of wrestlers participating in State level tournaments is 5.4 ± 0.6 . The comparative assessment showed that there is significant ($P < 0.05$) difference in the irritability type aggression of the wrestlers participating in University and State level tournaments.

3.3 Resentment amongst wrestlers

Table 3: Resentment amongst wrestlers participating in University and State level tournaments

Level of participation	Me an	± SD	Min	Max	't' value	P
University	3.9	± 0.4	3	5	3.999	<0.05
State	2.4	± 0.3	2	4		

SD: Standard deviation;
Min: Minimum; **Max:** Maximum

Table 3 presents results regarding resentment level amongst the wrestlers participating University and State level tournaments. Results show that score of resentment type of aggression of University level wrestlers is 3.9 ± 0.4 while that of wrestlers participating in State level tournaments is 2.4 ± 0.3 . The comparative assessment showed that there is significant ($P < 0.05$) difference in the

resentment amongst the wrestlers participating in University and State level tournaments.

3.4 Verbal Aggression of wrestlers

Table 4: Verbal Aggression amongst wrestlers participating in University and State level tournaments

Level of participation	Me an	± SD	Min	Max	't' value	P
University	4.2	± 0.5	2	6	4.227	<0.05
State	5.8	± 1.1	4	8		

SD: Standard deviation; **Min:** Minimum;
Max: Maximum; **NS:** Not significant

Table 4 presents results regarding verbal aggression level of wrestlers participating University and State level tournaments. Results show that score of verbal aggression of University level wrestlers is 4.2 ± 0.5 while that of wrestlers participating in State level tournaments is 5.8 ± 1.1 . The comparative assessment showed that there is significant ($P < 0.05$) difference in the verbal aggression of the wrestlers participating in University and State level tournaments.

3.5 Overall Aggression of wrestlers

Table 5: Overall Aggression amongst wrestlers participating in University and State level tournaments

Level of participation	Me an	± SD	Min	Max	'F' ratio	P
University	28.2	± 4.3	24	39	5.946	<0.05
State	39.4	± 5.2	31	49		

SD: Standard deviation;
Min: Minimum; **Max:** Maximum

Table 5 presents results regarding overall aggression level of wrestlers participating University and State level tournaments. Results show that score of overall aggression of University level wrestlers is 28.2 ± 4.3 while that of wrestlers participating in State level tournaments is 39.4 ± 5.2 . The comparative assessment indicated that there is significant ($P < 0.05$) difference in the overall aggression of the wrestlers participating in University and State level tournaments.

4.0 Conclusions

4.1 Assault type of aggression amongst wrestlers

- On the basis of the data it is evident that there is ($P < 0.05$) significant difference in the assault aggression of wrestlers participating in University and State level tournaments. Specifically, assault aggression is higher among the wrestlers participating in State level tournaments.

4.2 Irritability type of aggression of wrestlers

- In view of the results it is clear that there is ($P < 0.05$) significant difference in the irritability type aggression of wrestlers participating in University and State level tournaments. However irritability appeared higher among the wrestlers participating in State level tournaments.

4.3 Resentment amongst wrestlers

- From the study results it is evident that there is ($P < 0.05$) significant difference in the resentment level of wrestlers participating in different University and State level tournaments. More specifically, resentment is higher among the wrestlers participating in University level tournaments.

4.4 Verbal Aggression of wrestlers

- In view of the results it is clear that there is ($P < 0.05$) significant difference in the verbal aggression of wrestlers participating in University and State level tournaments. Clearly, it is significantly higher among wrestlers participating in State level tournaments.

4.5 Overall Aggression of wrestlers

- From the study results it is evident that there is ($P < 0.05$) significant difference in the overall aggression of wrestlers participating in University and State level tournaments and overall aggression is higher among the wrestlers participating in State level tournaments.

5.0 Bibliography

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