

## A STUDY OF SOCIO-ECONOMIC STATUS AND ITS IMPACT ON WRESTLING PLAYER'S PERFORMANCE IN SOLAPUR UNIVERSITY (MS) INDIA

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### ABSTRACT

The inspection of civilization, game have been playing important role in the life of human being. With the rise in education, all spheres of man have been affected. Sports are no exception. Now a day's government and non-government organizations are taking keen interest in promoting the sports. It is very correct to say that sports have become part and parcel of life. Without sports, our life is like a tree without flowers and fruits. A sport is essentially that aspect of human activity which strengthens the integration of the body and mind. It is also pointed out in the literature that such performance provides stimulation to the center nervous system to such an extent that the underdeveloped, dead or dying cell will either be rehabilitated of their function will be assumed by other or newly generated cells. Van Dalen (1971) contents that Greeks were the first civilized people to lay an equal emphasis on the cultivation of the "Man of Action" (Physical Persons) and the "Man of Wisdom" (Mentally sound persons) through games, sports and vigorous activities. They were of the considered opinion that intellectual achievement could not be possible without physical efficiency. 'Sports', in view of Vanderzwag and Sheehan is higher order of playful games. The play spirits never completely disappear from sports. Sports retain play like quality as one of the characteristics. Sports in its purest and most complete form occurs in game situations. As games becomes more organized or format form jump rope to the World Series, rules becomes more codified and consequently more binding. Sports, as known today, fall more on the structured side of game-rule continuum. By its very nature, a sport is generic, referring to a type activity rather a specific activity. In the general sense, a sport is compared to music, art, literature, science and religion. One outstanding feature of sport is its play like nature as it as it origins to playful attitudes. Similar views on the nature of sports have been expressed Wrestling is the most important game since the ancient times. It is one of the oldest sports not only in India but also in the world. When Olympic started, there were only two events were conducted i.e. wrestling.



**KEY WORDS:** Wrestling, Socio-Economic Status, Dangal.

### INTRODUCTION:

Wrestling makes a man healthy, active and smart. Pluto's statement "Sound mind in a sound body" can comes into play only by doing wrestling. It is also a big fact wrestling is the cheapest among all the games. Hercules was a famous wrestler of Greece and even today his name is treated as the pride of the



common man, a necessity for the soldier and life-breath of the nation. Even now its popularity is immense in the International Sport as it forms part of the world and Olympic Games. Indeed this game is very popular in the countries like U.S.A.S., Germany, Hungary, U.S.S.R., Belgium, Turkey, Cuba, Iran, Tutkistan and Italy.

Wrestling in India is considered as one of the most ancient and oldest sports, and has glorious past. The game of Wrestling started its journey in India several centuries back, during the middles ages. Wrestling is counted amongst the most prestigious and oldest events in the Olympic Games, as it was included in the Olympics in 708 BC. In the ancient times, Wrestling in India was mainly used as a wonderful way to stay physically fit. It was also used as a great way of military exercise without any weapons. Wrestling in India is also known as 'dangal' and it is the basic form of a wrestling tournament.

## OBJECTIVES

Socio-economic status and its impact on wrestling player's performance.

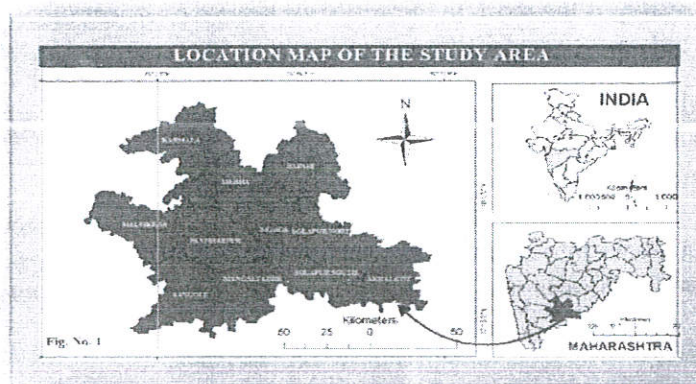
## METHODOLOGY AND DATABASE

The first step in the process of data collection for the study was to establish contact with the Director of Physical education, Team Managers / Coaches of the Solapur District related to wrestling event, which fell within the sampling frame of the present study. Accordingly, letters were posted to coaches, Director of Physical Education, Director of Physical and Coaches seeking their permission to administer the questionnaire and tests on the players and coaches also. After confirmation of permission from the respective Head, Coaches/Team Managers were taken the test during Inter Zonal competition period. The first task of the investigator on beginning the administering of the questionnaire to the players and coaches was to brief the players about the purpose of this study and assured them the information gathered from them would be kept confidential.

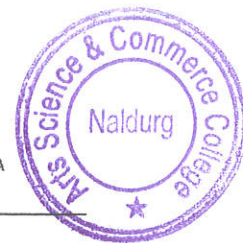
The data were collected with the help Assistance of qualified Education who were well trained with the conduct of test (questionnaire), and collections under the direct supervision of the research scholar. To ensure the co-operation of subjects, the investigator has personally met all the subjects selected from the study. The investigator gave very clear instructions regarding the method of answering the questionnaire. All the questionnaires were administered by the investigator in a fact to face relationship with the subjects. The subjects were asked to tick the statements giving personal information on the front page and then to answer questions. All the questionnaires formed in Marathi enabling the students to read and understand and respond to the questions. Time was not restricted but everyone completed it within 30 minutes.

## STUDY AREA

The District of Solapur lies in the Bhima – Sina main river basin of Maharashtra state. The Solapur District is bounded by 1705' N Latitudes to 180320 North Latitudes and 74042' East to 75015' East Longitudes. The total geographical area of the district is 14878 sq. kms. Divided into eleven tahasils. According to the census of Solapur district of 2011, Solapur district has total population of 43.15 lakh (rural population 2917088 and urban population 1398439). All Solapur district is very flat into shape and famous for fertile black soils. Climate of the Solapur District is tropical and rain shadow climate. Major crops are cereals, pulses, oilseeds, sugarcane and fiber crops its Total production 463990.2, 40184.43, 6310.76, 15299694 and 4475.44 are respectively in Solapur district. (S.P, 2014) In view of this the Study of Solapur District or Solapur University







has been undertaken for the research paper.

In the beginning the researcher paper the data using descriptive statistics. The mean, standard deviation and standard error of mean was calculated. The accumulated data was examined and described as descriptive mean scores in numerical formats, including a table of means and standard deviations. Co - relational statistics were used to examine the degree of the relation between performance and Socioeconomic status wrestling players. Pearson Correlation method was used for this propose. Socioeconomic status questionnaires and Competitions performance was collected and processed for finding the effect of SES on Competitions performance and the SES level of the wrestling players. The results of step wise data analysis have been presented below.

Table: 1  
Raw Score value of SES scale and Achievements of Wrestling Players in Zonal competitions with interpretation.

Class	SES		
	Frequency	Lose	Win
26-29 Upper (I)	27	23	4
16-25 Upper Middle (II)	56	50	6
11-15 Middle/Lower middle (III)	60	57	3
5-10 Lower/Upper lower (IV)	45	43	2
<5 Lower (V)	20	19	1
Total	208	192	16

Table: 2  
Raw Score value of SES scale and Achievements of Wrestling Players in Zonal competitions with interpretation

SES Class	SES		
	Scores	Won	Loss
High SES Group	23	10	27
Medium SES Group	100	30	47
Low SES Group	93	24	124
Total	216	64	198

Table:1 and 2 Structured questionnaire (Kuppaswamy's, Revised 2012) was used to know the SES of scales in ( $n = 208$ ) Among 208 families surveyed at urban and rural area, it was observed from Table 1 On the basis of this scale 33.21 % of subjects were from low SES, 35.7 % of subjects were from average SES and 11 % were from high economic status. It shows most of students were from average SES. According to the data presented in the above table. This is graphically represented in figure 1

Distribution of scores according to, their Socio Economic Status Class winner in Zonal Competitions.

Table: 3

Descriptive Statistics SES Wrestling Players

	N	Minimum	Maximum	Mean	Std. Deviation	
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
SESCORE	208	2.00	41.00	14.6010	.54698	7.88868
Valid N (listwise)	208					

Table 3 Shows that Descriptive Statistics of SES Wrestling Players the mean of SES Wrestling Players 14.60 with S.D. is .55, Std. Mean Error is .546





Table: 4

Descriptive Statistics Winners Wrestling Players

	N	Minimum	Maximum	Mean	Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Std. Error
WINNERS	208	.00	1.00	.0769	.01852
Valid N (listwise)	208				.26711

Table 4 Shows that Descriptive Statistics Winners Wrestling Players the mean of Winner Wrestling Players .077 with S.D.is .27, and Std Mean Error is .0185

Table: 5

Descriptive Statistics Losers Wrestling Players

	N	Minimum	Maximum	Mean	Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Std. Error
LOSERS	208	.00	1.00	.9423	.01621
Valid N (listwise)	208				.23372

Table 5 Shows that Descriptive Statistics Losers Wrestling Players the mean of Losers Wrestling Players .94 with S.D.is .23 and Std Mean Error is .016

Pearson Co-relational Statistics of Zonal players

Table: 6

Correlations Between SES Wrestling Players and Winners Wrestling players

	SESCORE	WINNERS
SESCORE	Pearson Correlation	1
	Sig. (2-tailed)	.093
	N	208
WINNERS	Pearson Correlation	.093
	Sig. (2-tailed)	.183
	N	208

Table 6 show the Correlation between SES Wrestling Players and Winners Wrestling players was 0.093 which was statistically Significant at 0.05 level of significance ( $p=0.1.83$ ).

Table: 7

Correlations SES Wrestling Players and Losers Wrestling players

	SESCORE	LOSERS
SESCORE	Pearson Correlation	1
	Sig. (2-tailed)	-.107
	N	208
LOSERS	Pearson Correlation	-.107
	Sig. (2-tailed)	.124
	N	208



Table 7 show the Correlation between SES Wrestling Players and Losers Wrestling players was  $-.107$  which was statistically Significant at 0.05 level of significance ( $p=0.124$ ).

Table: 8

All India Inter University Wrestling Competitions Players SES Scores of Winners and Losers Players																
Sr. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SES																
Scores	27	28	26	28	17	18	23	22	23	21	10	13	14	4	3	4
Winner&																
Losers																
AllIU	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Table: 8 Show that All India Inter University Wrestling Competitions Players SES Scores and Winners and Losers Players

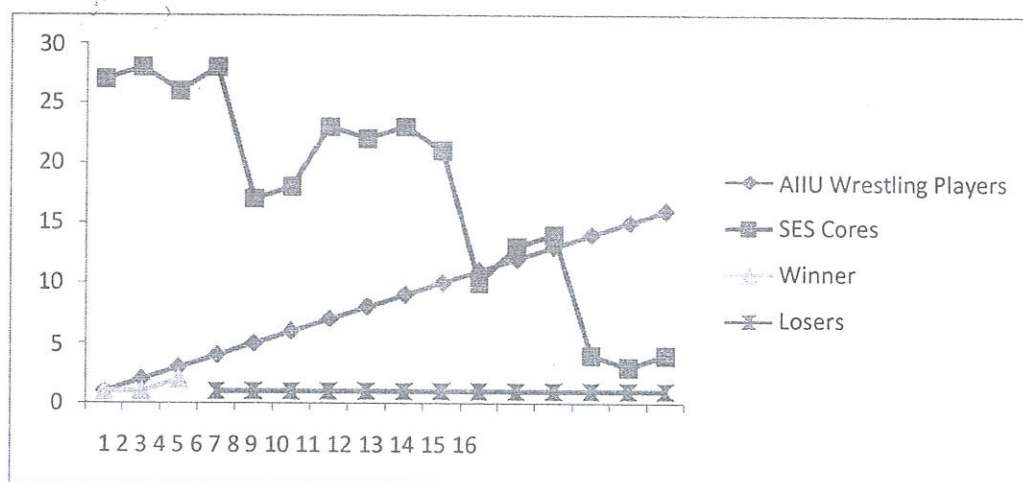


Figure: 1

Distribution of scores according to, their Socio Economic Status in AllIU competitions.  
Descriptive Statistics of All India Inter University Players

Table: 9

Descriptive Statistics of SES Wrestling Players			
Descriptive Statistics			
	Mean	Std. Deviation	N
SES Scores	17.5625	8.71756	16

Table 9 shows that the mean of SES Scores wrestling group is 17.56 with S.D of 8.71,





## Pearson Correlation of All India Inter University Players

Table: 10

### Pearson Correlation between SES and Winner Wrestling Players

<u>Correlation s</u>		SES Scores	WINNER
SES Scores	Pearson Correlation	1	.537*
	Sig. (2-tailed)		.032
	N	16	16
WINNER	Pearson Correlation	.537*	1
	Sig. (2-tailed)	.032	
	N	16	16

\*. Correlation is significant at the 0.05 level (2-tailed).

Table 10 show the Pearson correlation between SES and Winner Players was .537 which was statistically Significant at 0.05 level of significance

Table: 11

### Descriptive Statistics of Losers Wrestling Players

<u>Descriptive Statistics</u>			
	Mean	Std. Deviation	N
LOSERS	.8125	.40311	16

Table 11 shows that the mean of SES and Losers players is .81 with S.D of .40

Table: 12

### Pearson Correlation between SES and Losers Wrestling Players

<u>Correlation s</u>		SES Scores	LOSERS
SES Scores	Pearson Correlation	1	-.537*
	Sig. (2-tailed)		.032
	N	16	16
LOSERS	Pearson Correlation	-.537*	1
	Sig. (2-tailed)	.032	
	N	16	16

\*. Correlation is significant at the 0.05 level (2-tailed).

Table 12Show the Pearson correlation between SES and Losers Players was -.537 which was statistically Significant at 0.05 level of significance.

## DISCUSSION

The resulted study shows the effect of socioeconomic status and SES factors on Zonal and All India Inter University level wrestling players. In the present study, Socio economic status of the of Solapur District player was low level Was higher than that o Socio-economic status refer to the social and economic position occupied by parents in the society, It is defined as a level made up of individuals who deem themselves equal due to similarities in family background, level of education, occupation, towards social issues .Observed that the social status of individuals is a reflection of their economic status and he went further to explain that socio-economic status is usually a measure of the income and occupation of the individual,





irrespective of his Sports performance or social standing. According to him this has a tremendous influence on player's performance. Though the above statements of the literature reviewed supports the present study. We found that socio economic status factors in player's sports play a major role in performance, ability and spirit to play and accomplish their game of achievement.

Comparison of SES scales in ( $n = 208$ ) Among 208 families surveyed at urban and rural area, it was observed from that majority of High SES wrestling group score 23 (11.06 %) its means very low other class of SES that's why this SES scores affect the players performance because of we studied the review of related literatures SES class was higher than performance is also higher. , Medium SES wrestling Group score 100 (35.71 %) and Low SES wrestling group score 93(33.21 %) we observed that in this study highest percentage of Middle SES class and second highest of Low SES class.

## RESULT

1. Comparison of SES scales in ( $n = 208$ ) Among 208 families surveyed at urban and rural area, it was observed from Table 1 that, majority of High SES wrestling group score 23 (11%), Medium SES wrestling Group score 100 (48 %) and Low SES wrestling group score 93(43.5 %) When the same families Modified Kuppuswamy scale was applied.
2. Descriptive Statistics of SES Wrestling Players the mean of SES Wrestling Players 14.60 with S.D.is .55, Std. Mean Error is .546
3. Descriptive Statistics Winners Wrestling Players the mean of Winner Wrestling Players .077 with S.D.is .27, and Std Mean Error is .0185
4. Descriptive Statistics Losers Wrestling Players the mean of Losers Wrestling Players .94 with S.D.is .23 and Std Mean Error is .016
5. Correlation between SES Wrestling Players and Winners Wrestling players was 0.093 which was statistically Significant at 0.05 level of significance ( $p=0.1.83$ ).
6. Correlation between SES Wrestling Players and Losers Wrestling players was -.107 which was statistically Significant at 0.05 level of significance ( $p=0.124$ ).
7. The mean of SES Scores wrestling group is 17.56 with S.D of 8.71,
8. The Pearson correlation between SES and Winner Players was .537 which was statistically Significant at 0.05 level of significance
9. the mean of SES and Losers players is .81 with S.D of .40
10. The Pearson correlation between SES and Losers Players was -.537 which was statistically Significant at 0.05 level of significance.

## CONCLUSION

This study shows that Middle SES class is higher than other SES classes, SES influence the achievement of the wrestling players performance level. Also the result of this study showed the difference between high and low socio-economic status groups. It is found that the Sports achievement was influenced by the socio-economic status and those who belonged to high socio-economic status showed better performance.


## REFERENCES:

1. American Sports Psychology. Retrieved on 20 May, 2012 from American Sports Psychology Web Site:<http://www.apa.org/>
2. Dr. Hajare R. V., Shinde A. S. and Mane S. P. (2014) "A Geographical Analysis of Problem Associated With Low Nutrition Level in Solapur District Maharashtra, (India)." Journal of Golden Research Thoughts, Volume IV, Sept. 2014, ISSN 2231-5063, DOI Prefix 10.9780/2215063, Journal with Impact Factor 2.2052. Pp-1-6.
3. American Sports Psychology. Retrieved on 20 May, 2012 from American Sports Psychology Web Site: <http://www.apa.org/>



4. Rule Book& Guide to Wrestling Freestyle, Greco-Roman, Women's, and Beach Wrestling, 2011 Edition American Sports Psychology. Retrieved on 20 May, 2012 from American Sports Psychology Web Site: <http://www.apa.org/>



  
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