Mod Jene Dearent Transpiction of Son

Chief Patrons



Shri. Prakash II. Jajoo



STILL ASAZA Tuepjean G. Wadhwani

Prof. Rifesh D. Chanda) Principal EMCS

SUMMER

Dr. Jayani M. Chatu Principal, SMWKMY

Prof. A. K. Shindarwade Prof. Nilesh D. Aufker

(Co-Convenue)

Dr. Nikhilesh D. Nalode Prof. R. D. Chandas (ADDITIONALD) Coordinator Of IQAC

Dr. Rashmi P Gajre Dr. Sidharth & Jadhar

Prof. Y. M. Patt Prof. L. B. Payehan

1 Kane IL Velation R. Kantode

A. Bharma

Dr. P. P. Barrhar Prot. M. M. Onkar

Prof. Vandana M. Ingole Prof. Saniay & Rachalwar Prof. Kill J. Shende Prof Kalpana S Godghate Prof. Jayder M. Wankhade

Digamber D. Wankhade

Organized

Advisory Members

C. Radhuwanshi (Dean) - Dr. A. B. Hohrii (Dean) - Dr. D. W. Nichai (Dean) - Dr. H. S. Raie (Dean) Dr. S.R.R. Huadri

E.Almira » Dr. H. M. Deshmukh » Dr. S. S. Kawitkar » Dr. Y.B. Gendole Dr. P. K. Rajput a Princ Dr. D. R. Gawanda a Princ Dr. H. R. Tiwari a Princ. Dr. V. R. Bhonda Dr. R. S. Ramtake - Princ. Dr. S. B. Gharote - Princ. Dr. S. R. Warhate - Princ. Dr. D. P. Telgote Dr. U. Nawlehar - Princ. Dr. G. M. Agrawal - Princ. Dr. A. H. Gharde - Princ. Dr. D. D. Koturwar Dr. M. A Shahajad « Princ. Dr. R. A. Jattare » Princ. Dr. P. B. Mandavkar » Princ. Dr. R. M. Kahlisagar Or. R. M. Sadan . Princ. Dr. H. S. Mahalle . Princ. Dr. A. V. Chandewar . Princ. Ajay Gulhane Dr. D. S. Dhote - Princ. Dr. V. L. Bhangdya - Princ. Dr. R. A. Mahra - Princ. Dr. H. D. Sikeh d. Thakare . Dr. H. M. Jha (Bidyarthi) - Dr. S. B. Sadar - Dr. P. N. Mulkalwar - Dr. V. M. Patil Dr. V. P. Guiltane . Princ Dr. D. R. Kunte . Princ Dr. Nilesh Gawande . Dr. Tanuja Raut

Venue Of The Conference

College of Management And Computer Science,

Behind Naringe Nagar, Dhamangaon Road, Yavatmal-445001(M.S.) - India Website: www.cmcs.hjes.in





mer Disciplinary ilo Researo

Date : 27 & 28 December 20 (ARIT - AIPE 2019)







Harikisan Jajoo Education Sansi

College Of Managemer Computer Science, Yav

Affiliated with Saird Godge Baba Amiravasi University Am Approved By Coxt. Of Maharsafire and AICTE, New On

	Organizer	- CMCS & SNWKM, Yavatmal	ARIT-AIFE 27th & 28th D 2019		
150.	भा. डॉ. कल्पना देशमुख	यवतमाळ जिल्ह्यातील किशोर वयोगटाच्या लिंगगुणोत्तराचा भौगोलिक अभ्यास	499		
151.	Prof. Atul Pande	Indian Sports Policies And Olympic Performance			
152.	डॉ. पुनम विवेक राणे	उच्च शिक्षणातील उदयोन्मुख व अभिनव कल एक अंतविशयक दृष्टिकोन			
153.	Ku.Sonali S. Dudhat	Violation of Traffic Rules and Innocent Age			
154.	Dr. Akash More	Role Of Social Media In Sports			
155.	Prof. Dr. Anii Vaidhy	Emerging Trends In Sports			
156.	Prof. Kailash Karale	Use Of Multimedia Gadgets In Sports			
157.	Dr. Khushal J. Alaspure	Impact Of Suryanamaskar On Joint Mobility Of Academic Students			
158.	Aniket Ambekar	Player Classification On The Basis Of Anthropometric Measurement			
159.	प्राकल्पना आबाराव सिंडाम	शिक्षक शिक्षणात प्रंचालयामध्ये माहिती तंत्रज्ञानाची उपयोगीता			
160.	प्रा. कु. सरोज या. लखदिवे	गृहअर्थशास्त्र विषयातील नवनिर्मितीची आवश्यकता आणि व्याप्ती			
161.	Dr. S. P. Chavan	Subaltern History Writing			
162.	कु. श्रद्धा रे. हरकंचे डॉ. एन. आर. मृणाल	कुष्ठरोगी स्त्री-पुरुषामधील उपचारपुर्व व उपचारांत सामाजिक परिपक्वतेतील कार्य अभिमुखतेचे अध्ययन			
163.	Dr. Shrikant S. Mahulkar	Comparative Study Of Mental Toughness Of Players Of Various Games			
164.	Prof. Vasant B. Thakare	Study of Will to Win of Kabaddi and Kho-Kho Players			
65.	Miss. Rupall V. Bhagat	Cloud Computing Educational Strategies			
166	Dr. Md. Asif Ur Rahman	The Next Consumer Recession. Is a Preparation for tomorrow? - A Study			
67.	Mr.Swapnil Rajesh More Ms.Sirat firdous abdul khalique	A Study of Emerging Aspects of Digital Marketing: A Critical Review			
68.	Prof. Shilpa Kundarpawar	Electronic Commerce: A Study on Benefits and Challenges in an Emerging Economy	559		
69.	Prof.Gauri S.Kalmegh Prof.Kamini S.Bijawe	An Enquiry Into The Employee's Resistance To Organizational Change: Causes & Remedies			

International conferenceon Academic Research And Innovation in Teaching & Arising Inclination in Professional Education

ABIT AIPE 27th & 28th D 2019

Comparative Study Of Mental Toughness Of Players Of Various Games

Dr. Shrikant S. Mahulkar Director of Physical Education Late Dattatraya Pusadkar Arts College Nandgaon Peth, Amravati

Abstract

The Purpose of the study was to compare Mental Toughness of players of various games. For this purpose researcher had collected data from thirty (30) players; 10 players from each game i.e. Kabaddi, Kho-Kho and Atyu-Patya from various mandals of Amravati, Maharashtra. Subjects were selected with purposive sampling methods. The age of the subjects were ranged between 20 to 25 years. Subjects did not use any ergogenic aids or supplementations and also they were all free from any injuries during the collection of data. Mental Taughness was measured by (MTQ48) questionnaire developed by Dr. Alan Goldberg was used to measure mental toughness and the score was noted down in number. Statistical analysis was done on the basis of ANOVA comparison of Mental Toughness of players of various games at 0.05 levels. Result shows that there is difference between the mean of Mental Toughness of players of Kabaddi, Kho-Kho & Atya-Patya Games. To see this difference were significant or not One Way Analysis of Variances was implied. Researcher found that there is significant difference in Mental Toughness of amongst players of Kabaddi, Kho-Kho & Atya-Patya Games, As the calculated 'f' value is 7.212 is greater than tab F0.05 (2, 27) = 3.354. Since the 'f' ratio is found to be significant. Since the one-way analysis of variance was found to be significant in related to level of aspiration, the least significant difference (L.S.D.) was applied to assess the paired means difference among the players of Kabaddi, Kho-Kho & Atya-Patya games in reference to Mental Toughness, Concluding we can say that Kabaddi player's shows high level of mental toughness followed by kho-kho and atya-patya players it may be attributer that kabaddi players were found to be more aggressive as compared to kho-kho and atya-patya players because of the nature of the kabaddi game. Keyword: Mental Toughness, Kabaddi, Kho-Kho and Atya-Patys Players.

Introduction

In today's competitive arena the values of games and sports is increasing tremendously. Psychological factors are playing a key role to a player for showing their best performance and it is now being recognized that physical talent is not the only component which leads to success in various games and sports but also psychological factors. In the field of sports arena, mental toughness is seen as one of the most significant attributes that lead to a successful athletic performance. To perform at the highest level it is often the mental makeup which separates the elite performers from the best performers. The involvement of psychological principles for improvement of performance in sports has received greater attention in these days. There are certain accepted psychological principles which must have to be applied, so that the athletes and players are able to show their best in performances in competition. Coaches, physical educationists and sports scientists have always egger to know more about those psychological principles, which are helpful in improving the performance of the players. It is important to know about the role of anxiety, aggression, tension, fear, emotional phenomena like competitive anxiety and some personality traits like extroversion and neuroticism of the players during training as well as in competitions.

The players who are alert and relaxed, they take better, quicker decision during a match. An overanxious player may take incorrect decision. Players can be more motivated when they realize that they can control their inner ability like anxiety, aggression, tension, fear, etc and are then free to play at their top level.

In games and sports there has been almost no consideration centering on mental toughness and this is seen as very surprising considering that the term has been widely used over the last decades. It has been observed that there are few studies were conducted on mental toughness, mental toughness is seen as one of the most overused and least understood term in the area of sport psychology as well as in games and sports.

In games and sport the word mental toughness is utilized by a variety of coaches, performers and sport psychologists, and it is only recently those psychologists have attempted to define and understand the concept of mental toughness. Mental toughness or we can say than any parameters of psychology differ to each other. It is unique to each and everyone. It may be differ according to their age, level, game, etc. Weather it is varied in different games and sports.

Hence the researcher has taken the study of "Comparative study of mental toughness of players of

various games"

Materials and Methods

Subject

For the present study researcher had collected data from thirty (30) players;10 players from each game i.e. Kabaddi, Kho-Kho and Atya-Patyafrom various mandals of Amravati, Maharashtra. Subjects were selected with purposive sampling methods. The age of the subjects were ranged between 20 to 25 years. Subjects did not use any ergogenic aids or supplementations and also they were all free from any injuries during the collection of data.

Mental Toughness -Mental Toughness was measured by (MTQ48) questionnaire developed by Dr. Alan Goldberg was used to measure mental toughness and the score was noted down in number.

Analysis

Statistical analysis was done on the basis of ANOVA comparison of Mental Toughness of players of various games at 0.05 levels.

Table -1 Comparison of Mental Toughness of Players of Kabaddi, Kho-Kho & Atya-Patya Games

Variables	SV	SS	DF	MS	F
Mental Toughness	between	38.2236	2	19.1118	7.212*
Louganess	error	71.55	27	2.65	

*Significant at 0.05 level F0.05(2.27) = 3.354

Above table shows that there is difference between the mean of Mental Toughness of players of Kabaddi, Kho-Kho & Atya-Patya Games. To see this difference were significant or not One Way Analysis of Variances was implied. Researcher found that there is significant difference in Mental Toughness of amongst players of Kabaddi, Kho-Kho & Atya-Patya Games. As the calculated 'f' value is 7.212 is greater than tab Faction = 3,354. Since the 'f' ratio is found to be significant. Since the one-way analysis of variance was found to be significant in related to level of aspiration, the least significant difference (L.S.D.) was applied to assess the paired means difference among the players of Kabaddi, Kho-Kho & Atya-Patya games in reference to Mental Toughness.

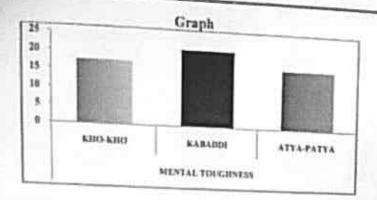
Table-2 Least Significant Difference for Means of Mental Toughness of players of Kabaddi, Kho-Kho & Atya-Patya Games

MENTAL TOUGHNESS									
Kho-Kho	Kabaddi	Atya-Patya	M.D.	C.D.					
17.5	21.3		3.8*	2.44					
17.5		16.7	0.8						
	21.3	16.7	4.6*						

*Significant at .05 levels.

From the above table it was clearly revealed that significant difference was found between the means difference of Kabaddi and Kho-Kho players as well as Kabaddi and Atya-Patya players as the mean difference of mental toughness was greater than the critical difference, whereas mean difference of kho-kho and atya-patya players shows insignificant difference as the mean difference is lesser than the critical difference.

onal Education



Conclusion

Concluding we can say that there is difference between the mean of Mental Toughness of players amongst kabaddi, kho-kho and atya-patya game. To see this difference were significant or not One Way Analysis of Variances was implied. Researcher found that there is significant difference in Mental Toughness of players of various games as the calculated 'f' value is greater than tab F value. Since the 'f' ratio is found to be significant. From the Mean table it also reviled that Kabaddi player's shows high level of mental toughness followed by kho-kho and atya-patya players it may be attributer that kabaddi players were found to be more aggressive as compared to kho-kho and atya-patya players because of the nature of the game.

Reference

- 1. Shekar K.C., Aspects of Psychology in Physical Education and Sports, New Delhi: Khel Sahitya Kendra, 2005.
- 2. Freeman W.H. Physical Education and Sports in a Changing Society, (New Delhi: Surject Publications, 1987)
- Chang, Yu-Kai & Chi, Lin & Huang, Chih-Shiung, Mental toughness in sport: A review and prospect. International Journal of Sport and Exercise Psychology. 10. 2012.
- Kamlesh M. L., "Psychology of Physical Education and Sports", London: Boston Routledge and Kegan Paul, 1972.
- 5. http://www.mentaltoughnessinc.com/what-is-mental-toughness/







Sr. No.

Organized-by

ier Science, Yava

27" & 28" December 2019

Shri. / Smt. / Ku. / Dr. / Prof __ This is to certify that

days International Conference organize

and Innovation in Teaching & Arising Inclin published a paper on Cacapaca in Collaboration with Smt. Nankibai Wad n in Professional Education." He/She has presented / lahavidyalaya, Yavatmal on "Academic Research Of Management And Computer Science, Yavatmal

has actively participated in the two

President Harikisan Jajoo Education Sanstha Prakash H. Jajoo

President Yavatmai Zilla Vikas Samiti, Yavatmai

Dr. Jayant M. Chatur

Principal Smt. Nankibal Wadhwani Kala Mahavidyalaya

Prof. Ritesh D. Chandak