



COMPARATIVE STUDY OF RISK TAKING ABILITY AMONG ANCIENT AND MODERN MARTIAL ARTS PLAYERS

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Abstract

Several forms of self-defense techniques had been practiced in the past and many new forms has been practiced today around the world. Most of the such arts known as 'Martial Arts' taught self-defense primarily, while some of the martial arts teaches you to escape from gun or knife. Judo and Karate has been widely practiced today and Kalarippattu is known as alive form of ancient martial arts and practiced today in Kerala and other southern part of India. The purpose of the research it to compare risk taking ability among ancient and modern martial arts players. 100 payers from each martial art form (Ancient and Modern) had been selected randomly form the entire population to collect data from them. Statistical analysis has performed using 2 tailed independent 't' test. Results showed that risk raking ability among both martial arts groups was identical. There was not any difference found in the ability of taking risk among Ancient and Modern Martial art players.

Keywords: Risk Taking Ability, Ancient and Modern Martial Art.

Introduction

Risk implies future uncertainty about deviation from expected earnings or expected outcome. Risk measures the uncertainty that an investor is willing to take to realize a gain from an investment. Risks are of different types and originate from different situations. Life is a series of calculated risks – nothing more. Everything that you decide to do has a margin of risk. No outcome is ever 100 percent certain and, therefore, any attempt at anything has a chance of complete failure. Life is all about risks – you take some and you avoid others. Risk taking ability is the act or fact of doing something that involves danger or risk in order to achieve a goal Starting a business or participating in any always involves some risk-taking. Alike business and other ventures the arena of sports is full of multiple risks including losing the match/trophy, getting injured, downfall in sports career, defame and many more. A calculated risk in any sports can give you a good sports career or even good job also. Combat sports like martial arts is also full of associated risk. A player ability to take a calculated risk and perform outstanding is the key factor in sports performance. Coach and Player together strategically decide the amount of risk that a player has to take while performing. Lower risk will lead to sub-standard performance and higher risk will lead to disqualify or get injured.

Methodology

Purpose of the study to compare the risk taking ability among Ancient and Modern martial arts players. Data has been collected from the selected samples using standard questionnaire (RTQ) of risk taking ability developed by Dr. Virendra Sinha and Dr. Premnath Arora. Researcher explained about tool and its objective to the athletes before distributing the questionnaire to them. Researcher also clear doubts of the athletes during filling these questionnaires. Filled questionnaire were checked in terms of its completion and after collecting questionnaire scoring has been done within the help of the test manual scoring table. Each score had been complied in excel sheet against their names. Statistical Analysis: An 2 tailed independent 't' test has been used to compare the score.



Results

Table No. 1
 Descriptive and independent 't' test values of Risk Taking Ability of Ancient and Modern Martial Art Players

Variable	Group	df	Mean	SD	Standard Error	SE difference	't' value	p- value
Risk Taking Ability	Ancient Martial Art	99	156.33	21.48	2.148	0.494	0.177815	1.2968
	Modern Martial Art		152.80	16.46	1.654			

t (99) = 0.177, p-value= 1.29, Sig. (2-tailed) 0.05 level of significance

In this study an independent-samples t-test was applied to compare risk taking ability of the players practicing Ancient Marital art (N=100) 'Kallaripattu' (M=156.33, SD=21.48) compare to participants practicing in Modern Martial Arts (N=100) 'Judo-Karate-do' (M=152.80, SD=16.46) demonstrated insignificant difference in risk taking ability scores, t (99) = 0.177815, p=1.29. So, significant difference was not found in risk taking ability among Ancient Martial Arts and Modern Martial Arts Players. It might be appearing due the events are not identical in nature.

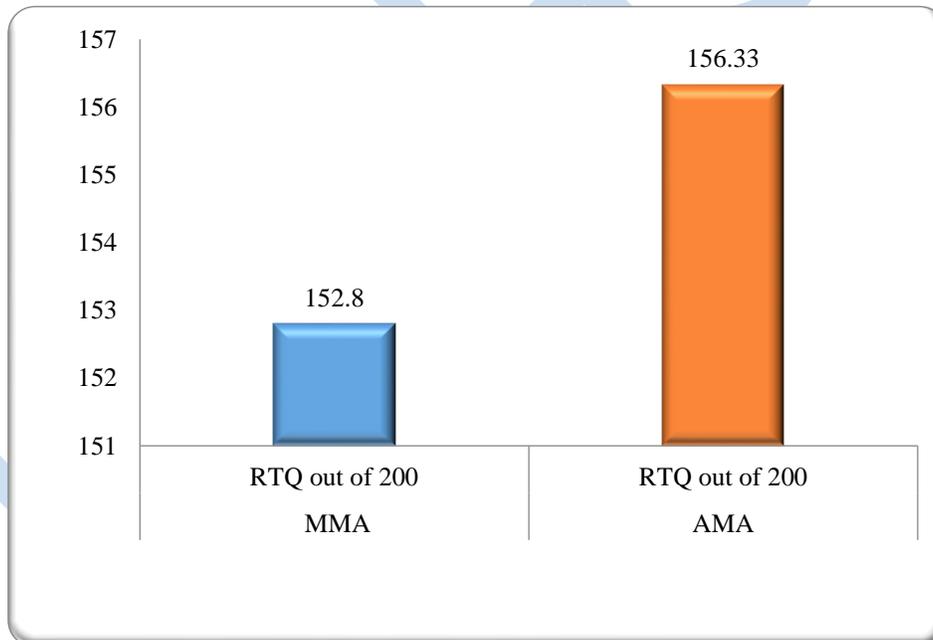


Fig. no. 1: Comparative Graphical Representation of Risk Taking Ability between Ancient and Modern Martial Art Players



Conclusion

Thus, Significant difference was not found in risk taking ability among Ancient Martial Arts and Modern Martial Arts Players. Risk is universal factor, it applies almost in every sector and aspect of life. Somewhere it calculated somewhere is high. Risk is always associated with some achievements in life, career and sports as well. Combats sports are also having some sort of risks like injuries. Somehow a good athlete and reduce his/her risk during and after tournament/championship depending on his/her ability to calculate the risk and predict his/her victory. Under the limitations of the study. It is concluded that the risk taking ability among martial arts players of both types i.e. ancient martial arts and modern martial arts are almost same. In other case It might be observed due the events are identical in nature.

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