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Studying the Obstacles of attracting Sponsors at Martial Arts Federation (with an emphasis on Ring Arts)

¹Tooraj Ali Onsory, ²Seyed emad hosseini, ³Morteza Dousti

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ABSTRACT

Background: The present study examined the obstacles of attracting sponsors at Martial Arts Federation. Objective: The validated questionnaire of factors regarding sponsors' support was applied to examine each of the five factors including economic social and cultural, managerial and organizational, government's legal and credit, and finally media and spectators' factors. Sample of the study consisted of martial arts including 88 martial (ring) styles covered by Martial Arts Federation and its top personnel. Results: A head, an assistant, and a deputy as well as 10 individuals of personnel as top expert at martial (ring) arts were selected. Based on Morgan's table, 162 people were randomly selected among 280. Kolmogorov-Smirnov test, one-sample t-test, and ANOVA using SPSS were applied to conduct inferential analysis. Results indicated that there was significant relationship between all factors and obstacles of attracting sponsors. Freedman test results showed that legal-credit factor was ranked higher compared to other factors. Managerial-organizational factor was ranked as the second, communicative-environmental factor as the third, media-spectators as the fourth, Conclusion: and economic-social as the least. Hence, results imply that to attract and use companies for sport sponsorship, obstacles must be removed and opportunities (such as government and officials' support, reduction of tax, provision of appropriate media cover in terms of videos, news, printing, and introducing the products and services of companies) must be provided for the development of martial arts.

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INTRODUCTION

In recent age, sport plays a critical role in the production and consumption of sport goods and services and economic development of different societies as an economic sector. Now, it is taken to be among the key factors influencing national economic growth and one of the earnings industries in 21th century. Sport is of phenomena having dominant impact on modern society. No other aspect of social issues has been given such significance by media (VanHerden & Plessis, 2003). At international level, sport is ranked as 11th among different major industries. Sport industry includes sectors such as sport goods, marketing, supervising the execution and sponsorship, professional sports, sport clothing, sport media, and recreational sports growing every year. In recent markets, companies seek for new methods for their marketing activities. They make attempt to distinguish themselves from their rivals and increase their market share. And, it costs them a lot. One of the methods is sport sponsorship through which companies seek for the accomplishment of various objectives by supporting the events or sport clubs. Sport has turned from a mere exercise into an industry, widespread economic factor, and even a political weapon since years ago (Shojaei, 2011). Professional sport as sport for earning income has become the main part of the sport industry (Detailed Studies of Physical Exercises Organization, 2003). Professional sport plays a key role in daily life of many people. It is covered by press and electronic media more than other sport categories by presenting the highest level of skills (Ehsani, 2003). Sport industry includes sectors such as sport goods, marketing, supervising the execution and sponsorship, professional sports, sport clothing, sport media, and recreational sports growing every year (Andorf, 2007; Ehsani et al, 2008; Izadi, 2004). One of the ways to provide adequate budget for sport activities especially championship activities is to attract private companies and plants investment in sport industry (Ehsani et al, 2008; Tondnevis & Gahsemi, 2007; Miangan, 2001; Smith, 2008). Sport sponsorship can be one of the valuable

Corresponding Author: Tooraj Onsory MS student of Sport Management, Ayatollah Amoli Islamic Azad University of Research and Sciences.

¹MS student of Sport Management, Ayatollah Amoli Islamic Azad University of Research and Sciences.

²Department of physical Education, Assistant professor of Beheshti University, Tehran, Iran.

³Department of physical Education, Assistant professor of Mazandaran University, Sari, Iran.

methods for reaching a new market and keeping customers' stock. Sport sponsorship can increase sales, change interests, raise awareness, and make permanent relationship with customers. Today, companies prefer to use sport sponsorship as an international language. Especially in popular sports with global and national spectators, it moves beyond the barrier of language and culture (Ehsani *et al.*, 2009).

Today, companies prefer to use sport sponsorship as an international language. Especially in popular sports with global and national spectators, it moves beyond the barrier of language and culture (Atghia, 2002). Sport sponsorship is a method used by a company to support a cultural, social or athletic event and to achieve the integrated marketing components of the company (Stotlar, 2009). The importance of sponsors in making income in sport sector is placed after the privilege of live TV show whose value has been over \$170million in Olympics like Mc Donald, Kodak, Visa, Adidas, and Coca cola companies. The correlation between sport sponsorship and other plans is among the most advanced points in commercial communications. Individuals' interest in a product can be influenced by advertisement. Previous research examined the advertisement view via media (TV and internet) and realized that consumers' view toward advertisements has become increasingly negative. In this regard, Pouyan developed a theoretical pattern through which he proved that sport can create positive view toward advertisements due to its particular nature (Pouyan, 2010). Based on production size, global investment in sport sponsorship advanced to US \$24.4billion in 2002 from US \$500million in 1982, and probably will reach US \$28billion in 2004. It is anticipated that the strong growth be continued in recent years (Orili, 2005). Predictions indicated that sport sponsorship will be increased to %8.5 in 2010 (Iverson & Johnson, 2004; Segion *et al.*, 2005).

Sport, teams, and professional athletes are sponsored in three ways: nationally (athletic- and non-athletic-commercial companies), financially (by sport spectators), and sponsorship resulted from TV and mass media broadcasting rights. Sponsors provide most of the teams and great championships costs intending to get back a multiple of those costs. That is why, today, sponsors play the key role in organizing and administering big and small competitions. The more they spend, the more it will be fruitful. And, it will lead to the enhancement of their credits in global positions and economic considerations. Thank to sport, they will be more famous and have further earnings from non-athletic fields (Shojaei, 2011).

In recent decades, most governments – even in some developed countries – have faced budget deficit. To cope with such problem, they have delegated the management of some governmental sectors to private sector. Sport investments are also no exception. Accordingly, it is required to make attempt to progress in championship arenas and contribute to resolve the financial problems of sport teams as well as the provision of a context for companies to compete and exploit sponsorship advantages (Yazdani, 2010). However, Meenaghan (2001) demonstrated three advantages for sponsorship which do not exist in media advertisements:

- 1. Sponsors can be considered as benevolent by customers.
- 2. Sponsorship works indirectly and subtly.
- 3. Sponsorship can be covered in media advertisements.

Beside the advantages of sponsorship as marketing tool, companies can use tax exempts resulted from sponsorship which are as follow: based on tax rules and Article 188 of the Fourth Plan of Economic, Social, and Cultural Development of Islamic Republic of Iran Law, deposits spent by real and legal persons to establish, complete the development and equipment of sport spaces, sites, and gyms, and provide sport services will be notified to the headquarters of economic affairs and treasury by the application and provision of documents – if applied – and after the approval of the headquarters of physical exercises of provinces and the Organization of Physical Exercises (the acts of Board of Ministries, 2005). Sport sponsorship can be one of the valuable methods for reaching a new market and keeping customers' stock. Sport sponsorship can increase sales, change interests, raise awareness, and make permanent relationship with customers. Today, companies prefer to use sport sponsorship as an international language. Especially in popular sports with global and national spectators, it moves beyond the barrier of language and culture (Ehsani *et al*, 2009).

Methodology:

Since participants' opinions were used in this study, research method was of descriptive-survey type. Objective wise, it was an applied research and done as a field study. Sample of the study consisted of martial arts including 88 martial (ring) styles covered by Martial Arts Federation and its top personnel. A head, an assistant, and a deputy as well as 10 individuals of personnel as top expert at martial (ring) arts were selected. Based on Morgan's table, 162 people were randomly selected among 280. Accordingly, among martial (ring) art styles, officials with great background of martial (ring) arts adapted to the sample size were randomly selected.

In this study, validated questionnaire was used. The first part consisted of general questions such as age, gender, education, and work background. The second part consisted of factors related to sponsors' sponsorship on five factors: economic, social and cultural, managerial and organizational, government's legal and credit, and finally media and spectators factors. Total questions (n=40) were scored based on 5-grade Likrit scale including very much, much, medium, a little, very little. To determine the validity of questionnaire, content validity was

applied. To confirm the validity, the questionnaire was submitted to eight sport management elites. Reliability of the instrument was measured by Cronbach's alpha as 0.83 using SPSS18.

Data Collection Procedure:

Data collection was carried out by field survey. Forty eight questionnaires were filled out in face-to-face form and by referring to the federation and having conversations with styles officials and personnel including the chairman. Eighty five ones were filled out by referring to the styles head's gyms and sixty ones by referring to the styles offices and in technical committee of each style. Seven questionnaires were distributed by email and followed to gain final results.

Data Analysis Techniques:

Here, descriptive statistics indices (including percent, mean, standard deviation, table and diagrams) were applied. For inferential analysis of data, Kolmogorov-Smirnov test, one-sample t-test, and ANOVA were used.

Results:

Table 1: One-sample t-test results

%95confidence interval						
Upper limit	Lower limit	P value	Mean	value t	Research hypotheses	
3.314	3.137	0.001	3.266	71.644	Managerial-organizational factors	
3.407	3.244	0.001	3.316	71.766	Communicative-environmental factors	
3.407	3.333	0.001	3.427	71.998	Economic-social factors	
3 3.731	3.516	0.001	3.623	66.417	Legal-credit factors	
3.291	3.123	0.001	3.211	72.199	Media-spectator factors	

From managers' point of view, managerial and organizational factors are the obstacles of martial arts sponsors:

As seen in Table (1), level of significance is 0.001 which is below error level (0.05). Besides, lower and upper limits of confidence interval are bigger than 0 (positive) and mean is gained bigger than 3. As a result, we can be sure (r=%95) that managerial and organizational factors are the obstacles of martial arts sponsors.

From managers' point of view, communicative-environmental factors are the obstacles of martial arts sponsors: As seen in Table (1), level of significance is 0.001 which is below error level (0.05). Besides, lower and upper limits of confidence interval are bigger than 0 (positive) and mean is gained bigger than 3. As a result, we can be sure (r=%95) that communicative-environmental factors are the obstacles of martial arts sponsors.

From managers' point of view, economic-social factors are the obstacles of martial arts sponsors:

As seen in Table (1), level of significance is 0.001 which is below error level (0.05). Besides, lower and upper limits of confidence interval are bigger than 0 (positive) and mean is gained bigger than 3. As a result, we can be sure (r=%95) that economic-social factors are the obstacles of martial arts sponsors.

From managers' point of view, legal-credit factors are the obstacles of martial arts sponsors:

As seen in Table (1), level of significance is 0.001 which is below error level (0.05). Besides, lower and upper limits of confidence interval are bigger than 0 (positive) and mean is gained bigger than 3. As a result, we can be sure (r=%95) that legal-credit factors are the obstacles of martial arts sponsors.

From managers' point of view, media-spectator factors are the obstacles of martial arts sponsors:

As seen in Table (1), level of significance is 0.001 which is below error level (0.05). Besides, lower and upper limits of confidence interval are bigger than 0 (positive) and mean is gained bigger than 3. As a result, we can be sure (r=%95) that media-spectator factors are the obstacles of martial arts sponsors.

In sum, based on Table (1), mean is always gained >3 which is the middle grade of Likrit scale. Yet, since mean is not a statistically reliable approach, as a result sample mean test was used. Level of significance is measured less than error level (0.05) in all cases. Hence, H0 is rejected in all cases. Top and low levels of confidence interval are bigger than 0 (positive) in all cases, then the hypotheses are approved.

To examine the effect of respondents' demographic characteristics on the results of the study, independent t-test and ANOVA were used.

The Effect of Gender:

Independent two-sample t-test was applied to measure the significance of mean scores difference (based on gender) for each of the five aspects regarding sponsors obstacles.

Table 2: Independent two-sample t-test data based on gender

abic 2. macp	chuchi two-sample i	-icsi data basca on	gender			
Sig.	SD	T	Mean	gender		
0.871	0.662	2.074	3.926	Male	Managarial arganizational factors	
0.671	0.598	1.887	3.408	Female	Managerial-organizational factors	
0.844	0.715	0.516	3.438	Male		
0.844	0.585	0.428	3.311	Female	Communicative-environmental factors	
0.562	0.739	2.105	3.704	Male	Economic-social factors	
0.302	0.561	1.628	3.207	Female	Economic-social factors	
0.996	0.885	0.633	3.800	Male	I1 1'4 f4	
	0.689	0.501	3.617	Female	Legal-credit factors	
0.068	0.278	0.275	3.148	Male	M-1:	
	0.575	0.530	3.213	Female	Media-spectator factors	

The test was also taken at confidence level %95. Hence, if the significance level of the test be bigger than error level (α =0.05), H0 will not be rejected. Based on independent two-sample t-test results in Table 2 at α =0.05:

The Effect of Respondents' Age:

Respondents are divided into five groups regarding their age. Hence, to compare between their views based on age, ANOVA was applied. Using ANOVA, it is determined whether the age affects respondents' views toward insurance bank industry or not. ANOVA is used at confidence level %95. Regarding the results of Table 3 and level of significance, mean respondents' scores has no significant difference at α =0.05 on the hypotheses of the study. Now, it can be said (with a confidence of %95) that they have similar views on the fifth aspects affecting the obstacles of attracting martial arts sponsors in various age intervals.

Table 3: ANOVA results for age

Sig. level	F	Mean Square	fd	Sum squares			
		0.618	4	2.474	Between-group	Managerial-organizational factors	
0.149	1.714	0.361	157	56.635	Inter-group		
			161	59.108	Total		
		.547	4	2.188	Between-group	G	
0.176	1.606	0.341	157	53.483	Inter-group	Communicative-environmental factors	
			161	55.671	Total		
		0.538 0.323	4	2.151	Between-group		
0.161	1.665		157	50.717	Inter-group	Economic-social factors	
			161	52.868	Total		
		0.466	4	1.864	Between-group	Legal-credit factors	
0.428	0.966	0.483	157	75.767	Inter-group		
			161	77.631	Total		
0.815		0.127	4	0.508	Between-group		
	0.390	0.390 0.325	157	51.070	Inter-group	Media-spectator factors	
			161	51.578	Total		

The Effect of Education:

To measure the significance of respondents' opinions based on their education, again ANOVA was used. This is because here there are more than two independent groups. Regarding the results of Table 4 and $P>\alpha$, H0 cannot be rejected. As a result, the mean scores of respondents' views based on education have no significant difference in five different groups.

Table 4: ANOVA results for reviewing respondents' views based on education

Sig. level	F	Mean Square	fd	Sum squares			
		0.488	5	2.441	Between-group	Mi-1ii1	
0.249	1.344	0.363	156	56.667	Inter-group	Managerial-organizational factors	
			161	59.1108	Total	Tactors	
		0.199	5	0.594	Between-group	G : ::	
0.890	0.337	0.353	156	55.076	Inter-group	Communicative- environmental factors	
			161	55.671	Total		
			5	1.176	Between-group	Economic-social factors	
0.617	0.710	0.235	156	50.717	Inter-group		
			161	52.868	Total		
		0.508	5	2.528	Between-group		
0.390	1.050	0.480	156	75.103	Inter-group	Legal-credit factors	
			161	77.631	Total		
0.986		0.061	5	0.305	Between-group		
	0.185	0.329	156	51.273	Inter-group	Media-spectator factors	
			161	51.578	Total	7	

The Effect of Respondents' Work Background:

To measure the significance of respondents' opinions based on their work background, again ANOVA was used. This is because here there are more than two independent groups. Regarding the results of Table 4 and $P>\alpha$, H0 cannot be rejected. As a result, the mean scores of respondents' views based on work background have no significant difference in five different groups.

Table 5: ANOVA results for reviewing respondents' views based on work background

Sig. level	F	Mean Square	fd	Sum squares			
		0.262	4	1.046	Between-group	Managerial-organizational	
0.588	0.707	0.370	370 157 58.062		Inter-group	factors	
			161	59.108	Total	Tactors	
		0.029	4	0.114	Between-group	Communicative	
0.988	0.081		157	55.557	Inter-group Communicative- environmental factors		
			161	55.671	Total	environmental factors	
0.454	0.920	0.303 0.329	4 157 161	1.211 50.517 52.868	Between-group Inter-group Total	Economic-social factors	
		0.276	4	1.103	Between-group		
0.688	0.566	0.566	0.487	157	76.528	Inter-group	Legal-credit factors
		161 77.631 Total	Total				
0.878	0.299	0.097	4	0.390	Between-group		
		0.326	157	51.188	Inter-group	Media-spectator factors	
			161	51.578	Total		

Discussion and Conclusion:

Results and Discussion on Hypotheses Testing

From managers' point of view, managerial and organizational factors are the obstacles of martial arts sponsors.

As expected, the relationship between these two variables was approved. And, participants considered managerial and organizational factors to be relevant to the obstacles of martial arts sponsorship. Now, it can be said that organizations managers can act as the supporters of martial arts sponsorship by the appropriate execution of planning and paying further attention to martial arts. Since managers have reviewed marketing areas in a more scientific way, it can affect the identification of suitable strategies.

These results are in accordance with the results of studies by Banar (2010), Elahi (2009), Jamshidian and Mozafari (2010), Wile (2009), and Westberg *et al* (2011) all of whom have considered managerial factors as the key factors affecting the attraction of martial arts sponsors.

From managers' point of view, communicative-environmental factors are the obstacles of martial arts sponsors:

As expected, the relationship between these two variables was approved. And, participants considered communicative-environmental factors to be relevant to the obstacles of martial arts sponsorship. Now, it can be said that communicative-environmental factors are among the key factors affecting the attraction of martial arts sponsors, martial arts managers must make appropriate use of them to attract martial arts sponsors via paying attention to press and mass media as well as creating suitable environment.

These results are in accordance with the results of studies by Banar (2010), Abuderda (2006), Elahi *et al* (2009), Klavson and Lambrich (2006), Kimberli *et al* (2006), and Tomasini (2004) all of whom have considered communicative-environmental factors as the key factors affecting the attraction of martial arts sponsors.

From managers' point of view, economic-social factors are the obstacles of martial arts sponsors:

As expected, the relationship between these two variables was approved. And, participants considered economic-social factors to be relevant to the obstacles of martial arts sponsorship. Now, it can be said that economic factors such as prices instability, financial crises and costs as well as social factors such as the issue that martial arts are not known as professional and money making sports like football must be taken by martial arts managers among the key factors affecting the attraction of martial arts sponsors.

These results are in accordance with the results of studies by Rachel Sagapula *et al* (2012), Westberg *et al* (2011), Lici (2009), Tomasini (2004) and Rajabi (2009) all of whom have considered economic-social factors as the key factors affecting the attraction of martial arts sponsors.

From managers' point of view, legal-credit factors are the obstacles of martial arts sponsors:

As expected, the relationship between these two variables was approved. And, participants considered legal-credit factors to be relevant to the obstacles of martial arts sponsorship. Now, it can be said that factors such as non-exploiting the advantages of tax exempts, legal regulations to secure staking context, TV

broadcasting right, facilities and conveniences must be taken into account to reduce the obstacles of attracting martial arts sponsors.

These results are in accordance with the results of studies by Elahi *et al* (2009) all of whom have considered legal-credit factors as the key factors affecting the attraction of martial arts sponsors.

From managers' point of view, media-spectator factors are the obstacles of martial arts sponsors:

As expected, the relationship between these two variables was approved. And, participants considered media-spectator factors to be relevant to the obstacles of martial arts sponsorship. Now, it can be said that media (e.g. TV and radio) advertisements are among the activities to accomplish commercial objectives and indeed they are one of the direct components of marketing.

These results are in accordance with the results of studies by Kimberli *et al* (2006), Rajabi (2009), Abaszadeh (2009), and Banar (2010) all of whom have considered media-spectator factors as the key factors affecting the attraction of martial arts sponsors.

Describing total priority of different variables regarding the attraction of sponsors at Martial Arts Federation showed that following variables were the five major obstacles of sport sponsorship: the lack of legal-credit factors, managerial-organizational factors (such as lack of managers and officials and respective federations' attention to and support for sponsors and national and provincial authorities' narrow view toward sport sponsorship), communicative-environmental factors (such as lack of suitable media coverage including visual, and press-print coverage for sport events and competitions, lack of attention to proper and clear broadcast of advertising brands of the sponsors by media), media-spectators, and economic-social factors. Reviewing variables indicate that legal-credit factors are ranked as having the prime importance among variables.

In general, since companies' sponsorship for martial arts has not been given adequate attention in Iran and they have not taken advantage of it yet, and regarding the lack of government's support, and copy right and advertisement culture in the country, the expansion of obstacles on sport sponsorship by companies seems logical. Hence, based on results, it seems that actions must be taken to develop martial arts by attracting and using companies as sport sponsors via removing obstacles and providing suitable opportunities such as government and officials' support, taxes reduction, provision of proper media cover in visual and press-print terms as well as introducing companies' products and services. And, since legal-credit factor is taken to be the most important factor for attracting sponsors, government can play a vital role in the same regard by enacting supportive rules for supporting companies when necessary and at the time of crises and by endowing special privileges, considering economic advantages for sponsors like reducing tax costs or tax exemptions for these companies, informing them from sport taxation law, providing low return loans and opportunities fpr long term cooperation between government and companies.

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