

EFFECT OF SPORT INDICES ON ECONOMIC GROWTH OF COUNTRY PROVINCES IN IRAN

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ABSTRACT

Sport is a healthy competitive field To Conflict nation and is a Tool for Transmission of cultural ideas. Sporty events Creates Big impacts in Countries economy that Traces of these influences is obvious In the process of them transition to economic growth. In this regard, the main objective of this article is Check of theoretical Relationship and Effectiveness of Sporty indices (number of judges and Educators, Number of athletes, Installation and Sporty Places) on selected provinces economic growth rate. Results Obtained from models in Selected provinces with using of Ordinary least squares method at Time period of 1386-1390 shows that The number of coaches and referees, Facilities and sporty places as Sporty indicators have an Positive and meaningful impact on Selected provinces economic growth rate.

KEYWORDS: Economy Sports, rate of economic growth

INTRODUCTION

In present era Sports and Recreation Affects in countries as a Economic Section, and is one of most profitable Industries In the twenty-first century. In today's world thence sport is not an entertainment But it is A profitable industry That have Great ability in Attracting foreign Stable capital. Sport is a Healthy competitive field To conflict nations and is a tool for Transmission of cultural ideas. It is Economic Sector of Sport that Biddings this industry. Sporty events that creates in countries industries that Traces of these influences Transition stage The progress and economic growth Is evident Sports industry With its own charm Has caused trend Many customers On your side that This topic affects on Training costs. Price Sports households are considered as one of Four pillars of effective Affects countries GDP As well as one of the most Factors countries economic growth. In some developed countries Housing Sports costs have been announced 2.5 percent. (Asgarian and colleagues, 1388). As The cost of sports With the popularity of sport In any country Fits and Each participant is considered as A buyer therefore Sport household spending, is connected with Public participation in sport So that studies shows account for 2-2.5 percent of Total household spending .in British, Total costs Sport Family In year 80 have been 2005 £ that Increase 28% and 134% Compared to 2000 and 1985, respectivity (zamani and etal,1389). Nowadays, Sports industry with direct and indirect economic impacts Such as job creation, Revenue.

Attract spectators and tourism, Reduce the cost of treatment, Health Promotion, And increased life expectancy, And enhance employee performance, And their productivity, great importance that Finally, With its own charm, with Different ways affects on Production and economic growth (Sanderson et al.2008). Athletes, Educators, Medical staff, Supplies, and all employees, are in their Club possession and relevant agencies and in fact this activity is considered as their Career A professional activity that Receive A lot of money for it as wages that This topic Indicates that Sports industry is considered as Industry employment. Exercise is one of the most important areas that Producers of goods and services, what sports and non-sports, because of the presence of numerous spectators in stadiums and Heavy viewers of television As well as Existence of Abundant Sports supplies, can pay propagation of their Products that this work plays a very large role in Economic Development. For this reason, Owners of goods and services Are looking for Identifying Parts of sport To be allocated More viewers. Nowadays, Football have most popular among advertisers that many competition takes place between them that Brought Great income for sports. Stock sports clubs Buying and selling in stock. TV rights has risen Millions of dollars Production of sporting goods has become A transnational trade and Professional athletes have become commodities is Symptom of sports industrialization. As well as the growing tendency of people to exercise need to Consumption of goods and sports services have caused Sports industry Experiences an Unprecedented Processor Revenue and Plays an important contribution in Economy countries (Afsharpy, 1391).

In 2008, In Ireland, consumers have spent About 9.1 billion pounds for Price Sports and Activities related to sport. This amount Forms 2% of the total Consumption Expenditure In 2008 .These costs includes Consumer spending £ 6/1885

for sport and Cost £ 7390 for Membership of sports clubs, 338 million pounds for Clothing and footwear 294 million pounds for admission include Attending stadiums Admission for spectators. in 2008, Membership of sports clubs Is formed 21% of the total cost of sports Related to sports In Ireland. Sports clothing and footwear makes More than 18% and 15%, respectively. In 2008 in Ireland, The added value of sport and Activities related to sport are more than 1/8 billion pounds that This figure is equal with 1.4 percent Value Added total of Ireland's economy. More of this£ 1830 Value Added Allocated to Non-commercial Valued at more than824 million pounds and as well as Voluntary Sector of Sport and Commercial part of Sport forms 456 and 353 million pounds, respectively. The most important affecting factors Non-sporting Commercial activities on sport, is financial support (Sponsorships). In 2009 in Ireland, All activities related to financial support is 133 million pounds that is financial support is 57 percent or 75 million pounds of this amount. This amount shows an increase of 29 million pounds Compared to 2005(Equivalent 46 million pounds). The contribution of sport and related activities of Employment in the Irish economy is 38225 people that this amount is almost 2% of all Practitioners in inland. The largest part of Occupation is Commercial non sport sector that Provides Employment of 15084 people, while Voluntary sports sector the business sector, provides Employment of 8826 and 8134 people, respectively. The Public Sector too, protects of 6100 full-time Sports jobs.(annual report of International economic Indecent irlan). In this regard, the main objective of this article is study of Its theoretical relationship and Effectiveness of Sport Indicators on Rate of Provinces economic growth and Test the following hypotheses:

- The number of coaches and referees has a significant influence on Rate of selected Provinces economic growth
 - Number of athletes has a significant influence on Rate of selected Provinces economic growth
 - Facilities and sports venues has an significant influence on Rate of selected Provinces economic growth
- Needed information are obtained from reports and published Statistics from External Information Sources and published Statistics from Statistical Centre of Iran.

Statistical Society of this study is a selection of provinces. It is worth mentioning that in Choose Selected provinces, provisions are selected that in there , Statistical data of used Variables in Time period Were available.selected provisions includes Tehran, Isfahan, Yazd, Markazi, Golestan, Kerman, Tehran, Khorasan, Khuzestan. In this regard Eviews and Excel software are used. In the following, after checking Theories and Background research, Structure of The model used Introduced and estimated and finally CONCLUSION and suggestions is Offered. From Kvakly, sport is a Institutionalized Competitive activity that Required Application of Strenuous physical force or use of Complicated physical skills by participants that Driven by Internal and external factors. As well as Vandrzvag (1988) Knows Sports as a sort of Competitive physical activity that uses Special Equipments and Features with same Time and Local dimensions and trying to obtain record is very important. Schneider and Asprytrz (1989) have defined sport as Human physical activity that will be done under codified laws. for the first time Moulin (1983) Cited Sport as a industry. He noted Any Athletic Activity that causes Increase value-added Sporting goods and services is considered. Sports industry Called: A series of activities that Leads to production of sporting Goods (Goods and services). Lee, Hvfakr, Mahoney (2001) By stating that Competitions and sporting events are only activities that All companies and organizations In the sports industry Can be associated with it. Considering this Background in mind, Sports industry can define as the following set of companies and organizations:

- Companies and organizations that Produce Sports activities.
- Companies and organizations that Provide Products and services for support Production of sports activities.
- Companies and organizations that Involved in Commercial Production associated with sports activities (Shfendel, 1980).

Sport as a high-income industries, Due to the growing tendency of people to it and need to Consumption of Sporting goods and services has High economic importance. Today, sport has Received Herself Actual position in the world and Its Importance has been proved in Building of human body and soul. Sport Plays a very important role in Public health and is A vital element In today's society that Increases life quality (Yamini, 1391).

Results of research show that Spread of physical activity has Improve physical and mental health and as a result causes Improve quality of life and Increase of life span Health promotion The savings increases and as a result investment Process Will be facilitated. As well as Life expectancy, Back HC, Investment in human resources, and finally, the total investment of the economy, and finally, increases the total investment of the economy. Because it increase the years of utilization From the source and number of years that investment Gives Positive yield and as well as saving and Private sector investment and Foreign financiers investment Encouraged and Takes place an important step in the direction of Improved Country economic conditions. Happiness also makes Individuals pay to

work with more Motivation and vitality so the result of this type of healthy lifestyle is Increase of growth and production in the society. (Kalashi et al., 1392). Dominant opinion Among the Some community's people is looking at sport like A Consumable commodity Its Importance in Economic production development Better income distribution. However, pay to sport required high Infrastructure costs but we can't put this costs in next of consumption Expenses and costs. Sport is Mixture of tree part of Public, voluntary and business. In some cases, Government should Support the Professional section, as well as should Impose his Taxes Professional Sport section to see this tax for Improve public sport because public sport Will have more benefits in the long term For a large part of society. Private sponsors invest at the elite level rather than general level. Sports spanser Commercial companies are two types:

- Manufacturer commercial companies of sporting goods that produce Sporting goods and Their goods directly is Used by Athletic section so a Part of the capital cost for Athletes that return to them and another part of Profit return to them through Sporting goods consumes that produced by this commercial companies and through People and teams lovers or Popular Athletes that Advertise this companies goods.

- More sport sponsors are from companies that Working in other Economic themes or non-sport fields (Coca-Cola, McDonald's, etc.), in this case The impetus for Sale to those who Involved in sport and Related matters is Lower and their Goal is Mastering on markets that are Very larger than Sports-related markets and To achieve its objectives use sport as one of Useful tools that could Provide base for more Sales of goods. Nowadays To the extent that National incomes spent for sport, in some sport field In short term and in others in long term we can see rate of Return on Investment indirectly or directly. after investment in sport The direct and indirect employment increases and in parallel it The possibility of attracting income increases via International Competitions Holding, Attract tourists, Health level and Physical and mental health.

The main obstacle in Process of investment in sport part of countries is Returnable Benefits Lack of direct visibility that results from this investment, while Positive attitude to sport and its Side Affairs in future gave them Rich profits directly and indirectly.

Existence of positive attitude to sport In advanced societies, Has caused Investment in sport In order to raise the level of health and this Has caused More countries previously do not pay much attention to sports nowadays Have made a significant contribution For Investment in Sports. So that Physical Education and Sport budget has risen with unprecedented speed in developed countries and some developing countries. Why so these countries have been aware to long-term effects of exercise In terms of Growth and development of the national economy. Sport is Long-term investment that its effect In development is Clear and obvious. Investment in sport is one of investments that have Short-term and long-term fertility and by deal with it, we can bring considerable social, cultural and economic results and can be tried to provide needs of society and National Welfare. For sport events that take place in various communities' two types of investment will be done By Community.

- investment Society is doing With use of General taxes in this regard and is expected that Such as Korea and Japan Sporting Events draw Attention of many sports fans and tourists to their Community and social and more prosperity Created In the society with Entry visitors "In spite of the Before Holding World Cup 2002 Faced with Relative economic decline and National revenues.

For more elegant held of this tournament, Spent About \$ 10 billion for Construction and renovation of Stadiums, roads, bridges, hotels, entertainment, lodging, tourism and Security. "

By holding this competition, Relative stagnation of the economy in Japan and Korea destroyed and economic boom Returned again to this countries. According to the South Korean government estimates, Profit from holding this Competitions In this country From start to finish tournaments , from Login viewers And tourists Pro Football to Selling goods and etc Brought More than twenty billion dollars for south chorea.

- Another type of investment in Sports events is Private investment that The purpose of this type of investment is obtain immediate profits and obtain Short-term benefits that Not leave an Important impact on commodity.

But collective investment, in the field of sports and sporting events have Wider Goals and Social and economic Fields. Residents of a community, with direct methods like Employees or government employees or with indirect methods Such as merchants or consumers advertising Pay tax to state .states spend some of these taxes for Spread Recreational and services.

Activities In the Community or in desired cities for holding Competitions or sport events and with expend this taxes and Provision of the necessary facilities, Provide greater Possibility of viewers and Domestic tourists Attract , foreign particularly. With arrival of tourists, the amount of consumption increased in various economic sectors and as a result causes Economic sectors Boom. Sport Economy is use of Economic theories Done In two micro and macro levels or more accurate, sport economy deals with Assessment of Issues and patterns of resource Optimized allocation in tree part: sport Performance, sport products and Sport Development. Role of economy in sport can be divided into two macro and micro part. Macro part that seems very important with special look at sport tries to expends public sport, creating the right infrastructure, Fits with any area, Create the right conditions for Private sector participation In macro sport activities and finely Attract sufficient capital for Implementation sport designs.

In macro level, effect of sport activities on society economic and study of external literariness, sport activities Compared with other activities has a Special importance. In addition of this cases, Policy states in this field Contributions, taxes, fees ,provide budget for this part Their allocation priorities to sport , selection target groups and Other cases of this kind have an Undeniable effect on level and quality of sport activities and even effect on Household economy.

at macro level, Sport economy Review and Forecasts Economic behavior of this arena Practitioners include Athletes, sports facilities and venues, sports organizations, coaches, referees, governments and even spectators.

In recent decades, sport became a factor for improve economic conditions, Create job opportunities, and improve society health. Hen fact, nowadays in these countries, sport is an important part of nation economic. Some of people that personally involved in sport have already observed profitableness of these activities on family Health and economy. 2012 Olympic and Paralympics have shown large and positive effects of this sport event on many national fields.

However e few researches have been down in regard with the economic benefits of sport in the past. Following Comprehensive evaluation of economic effect of sport in England.

In assessment shows that sport have very large benefits in various fields.

- in 2010, sport and related activities have caused Gross value added Equivalent to 3.20 billion pounds that this amount is Equivalent to 1.9 percent of total gross value added in England .this role have caused sport be in 15 Top industries in England and have more Share than insurance, service, sale and repair of motor vehicles, legal and accounting services. Sport and related activities have cause 440 thousand full time job oppurnities in England. This figure is equivalent 2.3 percent of total job oppurnities in England.

- In the period of 2012-2011 abOut 36 percent of adults(upper 16) in England Exercised once a week for At least 30 minutes that consists of about 15.5 million At least. Number of At least once a month was 21 million. In the year 2012 A. D. did 75 million presences in sports events in England. Of this number 11 million participated in Olympic and Para Olympic athletic competitions. of the 64 million remaining presence , in 2010 related games costs have been about 3/2 billion pounds in England. . 9/3 billion pounds has been spent on sports equipment and 8/3 billion pounds has been spent on sports clothing and shoes and of this 72 percent have used to buying clothes and 28 percent to sports shoes.

Economic impact of sports studies with two methods. Short Term effect and the long term impact. All economic studies analysis the short term effects but a few of them interests in long term ones. Basically, study of of short term economic effect includes costs of several group activities in a athletes, the authorities, personnel, the media, the audience and other participants . for important Events , short term effect may include different companies expenses in promotion activities and their marketing. Short term effect is calculated through three other subgroups. direct Effect and indirect effect and imposed effect is the total of direct and indirect effect.

- direct influence direct influence is change in economic activity that is caused during the first round of cost by the participants. The direct influence also sayed total demand and is the amount of economic activity that a sports activity or services have produced. For example money that participants of a commercial auction have payed is by industrial parts and represents this kind of influence.

Indirect Effect

indirect effect of change in income output and employment in other sectors of the industry in the region is due to provide goods and services for the industrial parts that is that of meeting the participants in the process of primary

expenditures meet the participants. That this primary processes that include hotel costs, restaurants, shops and other entertainments. in the athletic event process, other industrial parts again increase their Stock .For example the hotel provide its drink of the different companies and abreviesly short term advantages for economic cost traders in the indirect result a sport activities they will get. .

•impose effect

impose effect is change in economic activity that has been created by the households spending their income and this income has been directly or indirectly from the visitors that buy goods or services in during sport activities or event . For example a restaurant local employees business with visitors that meet during golf competitions that spend their income for purchase food. The direct effects of imposed and its effect or influence of athletic event. Total direct and imposed effects called secondary effect ; total of direct , indirect and imposed effect called overall impact of sport event.

Long term economic Effect refers to longterm benefits that the host area obtain after occurrence of a sporting activity such effect include:

creation and development of new facilities•

•national and international recognizing of host city , state and nation wide for being exposed to the media.

social benefits including create education jobs, youth educational programs and development of economic projects and weekly Programs.

Economic effect of sport in gross value added and employment is very remarkable; but this criteria are considered only as a part of economic value of sport. For those people that participate in the sports activities health and joy is a Big benefit and for those who see the athletic contests there are spiritual and intellectual benefits. Sport has some advantages for individuals and the whole society. In the domain of consumption and also take part in sports activities, effects that from this part pay to the people and society is significant. Benefit of sport for people is better physical and mental condition and in the whole society is improve the health of the society and reduce the cost of health care for individuals and for the government. Improving education situation also is significant for ones participate in this kind of activities. Participation in sports activities can motive, social relations, order, time management and feel valuable to the increase in the individual and all these cases are effective in the development of productivity. Another point is that sports industry is in favor individual and society through voluntary activities. (shnefelder,1390).

MATERIALS AND METHODS

hall and colleagues (2010) in a study under the title "experimental model of factors in presence of the audience in important sport events" reviewed effective factors on the presence of the audience and the conclude that palastras characteristics and conditions Of place the sports placed is one of one of the ways to attract spectators and accordingly more profits and economic benefits. And pascoual and etal(2009) in study under the title " social and economic effects availability of sports vicinity with sports places and use of sports clubs" social economic effects from the vicinity with sports places by using the rate of unemployment and the average income level of the local people studied and also conclude that their research findings don't show significant impact on social economic level of people life. And aca and damoont (2008) using time series studied relation between human capital(education and health) and economic growth in the United States in the period of time 1929-1997. The results of this study showed that the causality relationship by both education and health established to the economic growth. Siegfried and Zimbalist(2000) in a study under the title "economy sports facilities and their associations " in period of 1990-1994, studied 46 stadium to host holding the great matches in sports league of hockey , basketball, football. Their research findings show that since facilities and sports places have important effects on lives and economic situation of people, in during these years figure amounting to 22 billion dollars spent for reconstruction and equipping this stadiums. Zimbalist (1996) in the essay under the title "works of economic sports teams the cities to study economic effects of sports events Criticized about the idea that sports events have significant effects on of economic and saied that team, owners and the players and sports places are main receiving of economic advantages .

yambini (1391) in a Research dealt with relationship between participation in physical activities and the quality of life for students Mazandaran province. Results of this investigation showed that there is meaning communication between participation in physical activities and physical and mental health of students in a way that with increase in the participation in sport and physical activities , physical and mental health in their will increase. Asgharian and others (1388) in a study under the title "cost comparison the sports Iranian families 1380

to 1985 " estimate and comparison families sports . To this , researchers used questionnaire studied households cost based on classification COICOP consumption pattern and the rate of consumption and relative changes and its real time in the period of 1380-1385. The results show that a household expenses in the year 1385 compared to the year 1980 has 124 percent real growth.

Kian marz (1987) in a study under the title the status of economic condition of Iran sport industry in the years of 1380 to 1384 " studied the economic condition of Iran sport industry in the years of 1380 to 1384 situation in Iran sport industry economic period of 1384-1380. in this study, Researcher played to collect data and classification industry spor data in two sectors of production and gross domestic product gross domestic product of the sport and share study economic situation of sport industry the economy of the country. The results show that the share of industry sports GDP .1 %is less than the index of meaningful world.Goudarzi and others(1383) in a study under the title "the status of industry economic Iran sports in the years of 1377 and 1380 to study the situation economic industry sports Iran in the year 77 and 80. Due to lack of clear status of this industry in Iran, researcher determined with the use of the "method of consumption" share the Caribbean More sports. Goudarzi and et al(1383) in a study under the title "the status of industry economic Iran sports in the years of 1377 and 1380 to study the situation economic industry sports Iran in the year 77 and 80. Due to lack of clear status of this industry in Iran, researcher determined with the use of the "method of consumption" share the Caribbean More sports. The cost of the household and the state capital of the state and the private sector exports and imports the sports study Percent industry in the years of 1377 and 1388 the Caribbean More.

studies by studying foreign and domestic received that in the field the amount of Aye of the indexes sports asked itself has been rallies in the province. These new article.in this article with use of Several studies carried out and With regard to Different variables affecting economic growth For review Effectiveness of Sporty indexes on rate of economic growth In selected provinces equations (1) , (2), (3) has been used. have been done and the variables influencing the different economic growth rate study for the amount of influence the index of the sports on the economic growth rate in the province of elected

$$(1) \quad LGDP_{it} = \beta_0 + \beta_1 MD_{it} + \beta_2 ALI_{it} + \beta_3 TEL_{it} + \beta_4 CPI_{it} + \beta_5 EMP_{it} + \beta_6 MDN_{it} + \beta_7 u_{it}$$

$$(2) \quad LGDP_{it} = \beta_0 + \beta_1 VAR_{it} + \beta_2 ALI_{it} + \beta_3 TEL_{it} + \beta_4 CPI_{it} + \beta_5 EMP_{it} + \beta_6 MDN_{it} + \beta_7 u_{it}$$

$$(3) \quad LGDP_{it} = \beta_0 + \beta_1 MKN_{it} + \beta_2 ALI_{it} + \beta_3 TEL_{it} + \beta_4 CPI_{it} + \beta_5 EMP_{it} + \beta_6 MDN_{it} + \beta_7 u_{it}$$

in these equations LGDP as Index shows the economic growth rate shows Logarithm of real GDP MD ,VAR , MKN are The number of coaches and referees, athletes, sports facilities and locations as Sporty indexes, CPI is Consumer Price Index, Ali is The number of admissions universities and higher education institutions as Indicator of human capital, EMP is Employment rate, tell is The number of telephone lines per 100 people, MDN is every province Operating mines , fiancée admission , u is Sentence of Error equation and I and t.

RESULTS AND DISCUSSION

According to study Barro, Sala-I-Martin (2004) 67 influence on economic growth variable in different studies has been evaluated.In the economy poll to show connection between the two variable, as long as one of the numbers and other parameters small in comparison with the larger, the variable has been be larger logarithms to the marriage as more real show. The method of data can I prepared by observing statics coefficient as determined by modified cameras and Watson to efficiency the data logarithms.According to study Barro, Sala-I-Martin(2004) influence of 67 Variable on economic growth has been evaluated in different studies. In Econometrics to show connection between the two variable, When numbers one of the variables, Is small and Other be greater than it , Logarithm is taken from larger variable to connection between them is shown more realistic. In Panel data Method, By viewing statistics, such as justified coefficient of determination and Watson camera Can realize efficiency of Match log from variables. In ghasem oghloo and johonson (2006), bargava (2001) Kershhi (2012) and Henson and rand (2004) , ang and etal (2003) studies actual Logarithm of GDP has used as Index shows the economic growth rate. In order to estimate the equations (1), (2), (3) First it is necessary to determine estimation method for the particular type of Panel data . so first to determine the Existence(Absence) used of F-statistic separately Intercept for each of the province. According to level of Statistics f. Calculated in Table 1 Null hypothesis based on the use of the method of ordinary

least squares can Not be rejected therefore bounded (Ordinary least squares) Is valid. And should not Considered Different intercepts(Fixed or random effects model) in models. results Regarding to estimates are Provided in Table 1 . the estimates in the table (1) have been submitted.

Table 1 .effect of estimated results index sports (facilities and place the sports, the number of athletes, the number of coaches and judges) on rate economic growth

متغیر های توضیحی	ضرایب {آماره} (P-value)	ضرایب {آماره} (P-value)	ضرایب {آماره} (P-value)
MD	-	-	-4.32E-05 {5.920914} (0.0000)
Var	-	1.68E-06 {2.163299} (0.0471)	-
Mkn	0.000228 {2.697187} (0.0119)	-	-
Ali	7.34E-06 {3.235030} (0.0032)	7.36E-06 {2.765261} (0.0110)	7.42E-06 {4.729575} (0.0003)
Emp	-0.043893 {-1.971754} (0.0590)	-0.039049 {-1.545840} (0.1358)	-0.042036 {-1.492253} (0.1564)
Tel	3.99E-07 {7.313054} (0.0000)	2.81E-07 {3.135585} (0.0046)	2.27E-07 {5.552893} (0.0001)
cpi	-0.000578 {-1.206894} (0.2379)	-0.001032 {-2.612129} (0.0156)	-0.000641 {-1.246696} (0.2316)

0.002679 {4.725256} (0.0001)	0.002700 {3.449948} (0.0022)	0.001726 {1.946572} (0.0706)	MDN
10.62329 {73.35848} (0.0000)	10.72421 {69.13732} (0.0000)	10.44717 {41.94760} (0.0000)	C
0.957926	0.954425	0.990825	R ²
1.326882	1.220057	1.081515	Durbin-Watson stat
F(8,19)=18418206 P-value= [0.2876]	F(8,15)=22.854843 P-value= [0.2452]	F(7,8)=5.292226 P-value= [0.1159]	Fآماره

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Source: Research calculations

results of selected provinces estimated Regressions (1), (2), (3) in in period of 1386-1390 in the table (1) shows that:

- number of coaches and judges as the Sporting Indicators has a positive and meaningful effect on rate of selected provinces economic growth . Therefore we cannot reject the hypothesis is related to Meaningful relationship between number of coaches and judges and economic growth rate in selected government provinces.
- facilities and place sports as sporting Indicators positive and meaningful effect on economic growth rate of the provinces are selected. Therefore the hypothesis related to the significant connection between facilities and sporting places and economic growth rate in selected government provinces.
- number of Admissions universities and higher education centers as a index shows that human capital has a positive and meaningful effect on rate of economic growth of selected provinces . All theories of Endogenous economic growth tried Prove Accumulatable Production factors ,Therefore human capital Is an integral component in Endogenous economic growth.

The main justification for involving human capital in economic growth model is that By investing in human capital , the quality of labor force improves on one hand and therefore improves the Performance and more efficiency labor force and thus increases production and on the other hand, investing in human capital causes Inventing new designs in production and therefore Would provide the optimum and desired use of resources and other production factors and through this way increases production capacity of whole economy and finally helps economic growth, too. •mines are utilized in each province have a positive and meaningful effect on the economic growth rate of the provinces are elected. Almostly, Most economists Regardless of doctrine and their

intellectual views have emphasized on Centralization and Capital formation as the most important factors that determines growth and economic development. Void periods of poverty in developing countries Can be defeated only through investment concentration . With the development of investment in the manufacturing sector of capital goods we can increase supply machinery , Means of production and Industrial equipments and Expand the Scale production. Considerable concentration capital , makes Possible Better and fuller use of available resources in the economy. Capital concentration causes increase in national production, income and employment, Solves problems related to inflation , unemployment , and deficit in the balance of foreign payments and Frees economy from Huge burden of foreign debt. Investment Focus, also will expand the Market Dimensions , and Undermines Destructive factors in the evolution of the market via create Numerous facilities in Social and economic overhead capitals and Eliminates Courses poverty What the supply side and the demand side. Furthermore, Investment Focus even In addition capital concentration also even in increase of population manner and labor force provides the possibility of economic development. In populous and developing countries increase per capita production will be possible with Ratio of capital to labor . increase in capital Centralization will result in National income . capital Centralization and national income growth have an Interaction with each other as the increase in growth of national production is involved in the growth capital concentration and increase in investment supply depends on growth of national production. as a result, capital concentration is a solution for remove Complex problems of underdeveloped economies and can Contributes as main factor in economic development.

- The number of mobile phones as a index shows information technology and communications have a positive and meaningful effect on rate of economic growth of country provisions. This results is Correspond with Papyvna and Dymyls and Avmahvny and Vichy studies. Infrastructure development including Ports, roads and airports Communications infrastructure (email, phone, Internet, etc.), Transport, water supply, energy and raw natural materials, Public places, recreational and ... decreases The cost of the economic activities of the private sector , increases Rate of Return on capital, and As a result increase rate of economic growth. ICT, via TFP growth, in ICT manufacturing sectors, Capital deepening, and Reorganization can effect on rate of economic growth . from Other aspects, ICT increase economic growth and Attracting high level of Investors to part of ICT that causes production of New Products decrease price of this products. ICT has caused less opportunity cost be used and with create Value Added and Reducing the time in use of Labor and capital forces and Accelerate in use of Production Resources and Reduce production costs result in Productivity and Economic efficiency in Production and Services.

- employment and Consumer Price Index have negative effect of on the rate of economic growth of the province are elected. Though are not significant in all equations. In this regard baro Achieved a strong negative correlation between Consumer Price Index and Economic growth rate. He shows that inflation is relatively upper than the threshold and inflation is relatively lower than the threshold have a negative and positive effect on the rate of economic growth, respectively (bitaraf, khoshhal 1391). The impact of inflation on investment, production, and accordingly , economic growth are discussed more than other effects . some consider inflation a effective factor in establishment of compulsory savings and encouragement of investment and so support from inflationally Deliberate policies and Others not only cant Receive Such positive effects in inflation, but With emphasis on Side effects of inflation in long term considered it as an inhibitor for Productive investment. Generally , we can say that Creepy and gentle inflation has positive effect on investment and Fierce and uncontrollable inflation decreases investment sharply or indiscriminately stops it. Although Mild inflation through increase society Savings and increase rate of Monetary returns investment causes Facilitate and Encouragement of More investments in economy compared with interest rate .but in most cases, Favorable conditions Caused by inflation for investment Necessarily Not leads to growth of productive investment and It is very likely that causes Increase investment in Luxury consumer goods production and creation of Luxury and Expensive building on the ground and Building that Actually has no role in production of Generator . With regard to the achieved results in framework of this study recommendations can be presented as the following:

- the government by investing in the different parts of sport including infrastructure and sports facilities and sport places that have meaningful impact on economic growth in country provinces and provide Required fields for the athletes and all people who involve in field sports provides base for sport effectivity on economic growth.

- The government with support of private sector to Investment in sport can persuade people to exercise that results in increase in Community Health , Reduce in health costs and A significant increase in employment.

- since The facilities and sport places as well as holding Athletic events have positive and effective role in economic growth of country province, so the government and the ministry of sport and youth as well as Sport and youth Offices in various country provinces can have an important role in economic growth via Obtaining host license games and sports as well as construction of new sports facilities and equipping available facilities for holding the matches.
- create Sports Economics courses and sports management at the University in order to valid scientific research in this field.

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