

## The application of research methods in physical education and exercise science master's thesis, University of Uremia and Tabriz (1384-1389)

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**Abstract:** The purpose of this study the research methods used in the Graduate Student Theses of Physical Education and Sports Science, University of Uremia and Tabriz. Methods This study is content analysis and Bi biometric. The findings that The272thesesdefended Betweentheyears1384-1389Indicates that Most methods used by students Of then in research methods used Survey with relative abundance40%have been. And while the three methods of historical research, content analysis, and Bibliometric in thesis has not been used .It is widely distributed in different courses, and other methods are also used Men without exception one of the methods used in the thesis is a survey. The present findings indicate that the method over other methods have been used by students. [Mahboubeh Miri, Seyed Mohammad kashef, mehrdad moharamzade. **The application of research methods in physical education and exercise science master's thesis, University of Uremia and Tabriz (1384-1389).** *Life Sci J* 2012;9(4):4376-4379]. (ISSN: 1097-8135). <http://www.lifesciencesite.com>. 658

**Keywords:** Methodology, Research Methodology, Dissertation, Graduate Course, University of Uremia, Tabriz University.

### Introduction:

One of the most important issues in the world today, not only in physical education and sports science, but there are other sciences. It is research. Run a search on the subject and goal setting important and sensitive work research method, the way to achieve research objectives. Thus, by examining the quantity and quality studies, the characteristics of good research that is based on The necessity of dealing with the reality and definitions, analysis and interpretation of the results, each researcher brings to the study And most importantly, the research methodology implemented and the formation of the research process plays a significant role, Specified. In other words, the methodology of our study shows that in any period of time, what methods are used and how it is ups and downs.

Faculty of Physical Education and Sports Science, University of Uremia and Tabriz in the years 1368 and 1367 respectively established and that graduate students in order to graduate, are required to carry out the research in the thesis Research and selection process is very important that the students It actually represents the desire and the willingness of students to choose a research method And also shows that more students are using what methods dissertation research has been done Also becomes clear when using some of the methods with the decline and when the peak is reached.

In other words, the process of using research methods at MSc thesis, University of Uremia and Tabriz during the years 1384 to 1389 is characterized

that methods in the investigation had to be overcome and therefore it is subject to further consideration.

### Statement of the problem:

The study in order to graduate thesis and graduate students is essential Therefore, the research methodology implemented and the formation of the research process is inevitable. Considering the importance of using research methods and the decline and fall of the student's thesis research methods, A review of the research methods employed in the master's thesis, University of Uremia and Tabriz during the years 1384-1389 was conducted. To determine what research methods have over come and why other methods neglected what have been. This causes repeatability of visual methods in research and a comprehensive survey of the methods used to prevent and also causes the variation in research arise It is a developed country requires a variety of methods that can be applied in several studies. The trend is a result of some of the issues that can actually bring change in the community, should be ignored.

### The overall aim of the research:

The overall goal of research is to study the application of research methods in theses Master of Physical Education and Sports Science, University of Uremia and Tabriz, is from the year 1384 until the end of 1389.

### Methods:

The relevant information from the individual master's thesis in Physical Education and Sports Science, University of Uremia and Tabriz were

extracted. Then, using content analysis, research methods used in the thesis is examined the nusesbibliometrics and content analysis method was calculated to compare the extracted data.

#### **Study population:**

Community study, 272 students in the master's thesis, University of Uremia and Tabriz is during 1384-1389.

#### **The basic research questions:**

- 1 - The overall trend in terms of what research methods
- 2 - The evolution of the methods used in the thesis is how the review period
- 3 - Find new ways to enter the field when the letters were finished.

#### **History of Iran:**

Kiyan Mehr (1376) reviewed the LIS master's thesis at the University of Tehran during the years 1366 till 1375, has done Below are the results of his review: Dissertation of 286 cases reviewed, 127 as belonging to the Tehran University of Medical Sciences in Iran as the 93, 38 and 28 as belonging to the Islamic Azad University of Tarbiat Modarres University and Most of the research method and the method described by 4/79 percent.

Padyar (1380) The distribution of scholarships to accounting with emphasis on the existing models and methods used in the study are discussed. The results of this study show that 95 percent of non-experimental research methods used in the thesis is the Hey.

Pursany (1380) Content analysis Science Thesis in Nutrition and Health Sciences and Nutrition martyr Beheshti University of Medical Sciences, Tehran And compare them in terms of addressing the research priorities in the fields of nutrition, after reviewing 246 results found in this thesis. Most applied dissertations and theses are only two basic types of nutrition science, In both fields of descriptive research method over other methods have been used Analytical and experimental methods in the field of food science and a degree in health science degree in nutrition from the analytical methods of the experimental method is used.

Syed Mehrdad Seyyedineh and Fahimeh Babalhavyjy (1388) The content analysis of LIS master's thesis, Islamic Azad University, North Tehran, Science and Research Branch of Tehran, Hamadan, Ahvaz Science and Research in the years 1372 - 1386 524 The largest of the investigative methods that belong to the survey .

Background study abroad:

Global scale as well as studies of the methodology of research in different disciplines have Some of them have been studied in this research such Bluma Prytz (1980) to examine 39 research papers in

the Journal, 1950, 1960, 1965, 1970, and 1975 will be published. Selected core journals based on his reading of the "Social Science Citation Index", "Abstract Information", "current knowledge", "Information and Library Review," and "Text Library" And this is achieved through a 1272 research paper. Results show that the eleven methods used in the investigation of which the largest share belongs to the survey (28 percent) and the historical method (with 18 percent).

Kafarla (1999) 2689 the field of educational technology through the use of content analysis techniques have been investigated during the years 1977-1998. in the thesis studied He, Mainly issues related to computers, evolution, development, training, video and television were discussed. There search method ologyin the study showed a decrease in number comparative studies and empirical and increase the number of qualitative studies. Studies Sheinthe late 70's Comparative studies, about seven per centre search thesis was to allocated and In the late 80's and early 90's the number of comparative studies was reduced to five per cent In recent years, comparative studies, only three percent of the study was devoted to a dissertation Another study also reduce the number of empirical studies and qualitative studies increased. Shows the results of his investigation. In the late 70s, very few qualitative studies have been conducted by the students. But now, in qualitative research, theses, a huge portion of their accounts And seems to be a number of empirical studies .

Merighi, Gonçalves, Ferreira (2007), based on a survey of books, nursing dissertations published, During the years 1981-2002 were analyzed with a phenomenological approach. They used the method to analyze the descriptive thesis, was retrospective and bibliometrics And since both qualitative and quantitative methods will lead to a result better and more complete. Thus, in their review of qualitative and quantitative methods were used to analyze the results of the thesis: The study of 217 156 cases (9/71%) for graduate and 61 (1/28%) for the Ph.D. and Most notable was that the abstracts, theses, research methodology, there was no specific framework and just 10 percent was in the framework of the thesis.

#### **Results:**

According to Table 1 of the 9 types of research methods in theses Physical Education and Sports Science, University of Urmia , have been used Most of the survey method and compared with 89 (34 % and 32%) is allocated and titles belong to evaluative research methods are a only 5 (3%) . Also, historical research methods, content analysis and citation analysis in this study is not great.

Table 1: Distribution of research methods in Theses of Uremia University

Research methods	Number	Percent
Survey	46	34%
historical	0	0
case study	11	9%
Empirical	11	14%
evaluative	5	3%
comparative	43	32%
Sandy (Library	12	8%
content analysis	0	0
citation analysis (bibliometrics)	0	0
Sum	136	100%

The research method based on the 9 Theses Physical Education and Sport Sciences, University Tabriz, Survey with 65 as the most common method (47%) is allocated and titles belonging to the research methodology document as only 8 (6%) are. Also, the methods of historical research, content analysis and citation analysis in this study is not great. Have been used. A review of Table 3 with complete information

on the number and types of research methods used during the course of each year and 84 to 89 are achieved. This is the marker of the beginning of the survey methodology and a comparison of 1384 to 1389, the relative abundance of 34% and 32%. Consistently accounted fourth largest share.

Table 2: Distribution of research method sat the Theses University Tabriz

Research methods	Number	Percent
Survey	65	47%
historical	0	0
case study	11	8%
Empirical	18	13%
evaluative	10	8%
comparative	24	18%
Sandy (Library	8	6%
content analysis	0	0
citation analysis (bibliometrics)	0	0
Sum	136	100%

Table 3: The distribution of research methods at the University Uremia

Research methods	1384	1385	1386	1387	1388	1389	Sum	Percent
Survey	7	8	9	8	6	8	46	34%
historical	—	—	—	—	—	—	0	0
case study	—	2	3	4	1	1	11	9%
Empirical	3	3	2	3	3	5	19	14%
evaluative	1	—	2	—	2	—	5	3%
comparative	6	7	6	9	10	5	43	32%
Sandy (Library	3	3	—	1	4	1	12	8%
content analysis	—	—	—	—	—	—	0	0
citation analysis (bibliometrics)	—	—	—	—	—	—	0	0
Sum	20	23	22	25	26	20	136	100%
Percent	15%	17%	15%	18%	18%	16%	100%	34%

Table 4: Distribution of research methods the University Tabriz

Research methods	1384	1385	1386	1387	1388	1389	Sum	Percent
Survey	10	12	10	10	12	13	65	47%
historical	—	—	—	—	—	—	0	0
case study	1	2	1	1	3	2	11	8%
Empirical	3	2	4	4	3	5	18	13%
evaluative	1	2	1	1	3	1	10	8%
comparative	2	4	5	5	6	4	24	18%
Sandy (Library	2	1	1	1	2	1	8	6%
content analysis	—	—	—	—	—	—	0	0
citation analysis (bibliometrics)	—	—	—	—	—	—	0	0
Sum	19	23	22	22	29	26	136	100%
Percent	15%	16%	16%	16%	20%	17%	100%	

This table contains complete information on the number and types of research methods used in each of the years 84 to 89 years and the trend in the University. The table shows that 47% of survey

method and survey method, compared with 18% accounted fourth largest share.

Table 5: Distribution of research methods at the University of Tabriz and Urmia

Research methods	Number	Abundance
Survey	111	40%
historical	0	0
case study	22	12%
Empirical	37	12%
evaluative	15	5%
comparative	67	25%
Sandy (Library)	20	6%
content analysis	0	0
citation analysis (bibliometrics)	0	0
Sum	272	100%

According to the table, both with 40% of the maximum frequency is the survey research method.

### Comparative study of the background research:

The results Pursany (1380) that to the content analysis of the health sciences, food science and nutrition in Attending medical Martyr Beheshti, Tehran And comparison Most of the research method Which is owned by the survey. This result is somewhat similar to the results of this study with this difference that addition to survey methods (40% percent) compared with the method (25% percent). As one of the research methods used in the survey is the second.

In studies conducted by Syed M. Seyyedini and Fahimeh Bob Alhvayji (1388) that to content analysis of LIS master's thesis, Islamic Azad University, North Tehran Science and Research Branch of Tehran, Hamadan, Ahvaz Science and Research in the years 1372-1386 have been Most Shares owned survey research methods that are consistent with the results.

The review Bluma Prytz (1980) to examine 39 research papers in the Journal, 1950, 1960, 1965, 1970, and 1975 will be published showed that from between Eleven method used in this research Most Shares owned to The survey (28 percent) and the historical method (with 18 percent) compared with the results of the present study is slightly different. In the present study in thesis examines 40% of survey and 18% of the comparative methods used And it is noteworthy. The research results Bluma Prytz (18%) used the historical method, while the study of the historical method slacking.

### Discussion:

9 investigational methods used in the master thesis of Physical Education and Sports Science, University of Urmia and Tabriz from Years 1384 until the end of 1389, the largest share of the survey (40% percent) And then compared with (18%), respectively. Historical method, content analysis and citation analysis Lacking Abundance are in this study. And evaluative research methods, evidence and case studies with a dramatic fall. Abundance 5, 6 and 12% have been. While the experimental methodology has been growing.

Another important point to be noted is that in the early establishment of the University of Urmia and Tabriz Methods used in the thesis less variation. The only witness to the use of survey method, we compare the experimental. And other methods are rarely used. And note that Historical method, content analysis, citation analysis have not been considered.

### Suggestions:

The results of the present study was to further explore. And more accurate results require further research in this area is felt. Recommendations and strategies for organizing and following careful assessment of the thesis to summarize. Further research to answer these questions. Whether the criteria of scientific studies are necessary? And studies are applied? What are the criteria for choosing a research it is considered? How many theses within a year are referred to a supervisor?

Provide important practical issues based on need and academic centers and public. The University To be presented to the students in order to graduate. Required are to carry out the research in the thesis. In this research Accordance with the requirements of country Preparation and Runs. With this. Besides the cost and time not spent in vain. And other researchers Will meet the needs of the community.

### Resources:

1. Keyanmehr, Shiba (1376). "The master's thesis on the subject of Library and Information Science at the University of Tehran during the years 1366 till 1375".
2. Padyar, Azar (1380). Study accounting with an emphasis on academic dissertations scattering patterns and application methods in their research. M.Sc. Thesis, Tarbiat Modares University, Tehran.
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