

UNIVERSITI PUTRA MALAYSIA

INVESTMENT MODEL OF MARITAL COMMITMENT AMONG MARRIED POSTGRADUATE STUDENTS IN TEHRAN, IRAN

SHIDEH SEYEDSALEHI

FEM 2021 26



INVESTMENT MODEL OF MARITAL COMMITMENT AMONG MARRIED POSTGRADUATE STUDENTS IN TEHRAN, IRAN



Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia, in Fulfilment of the Requirements for the Degree of Master of Science

COPYRIGHT

All material contained within the thesis, including without limitation text, logos, icons, photographs, and all other artwork, is copyright material of Universiti Putra Malaysia unless otherwise stated. Use may be made of any material contained within the thesis for non-commercial purposes from the copyright holder. Commercial use of material may only be made with the express, prior, written permission of Universiti Putra Malaysia.

Copyright © Universiti Putra Malaysia



Abstract of thesis presented to the Senate of Universiti Putra Malaysia in fulfilment of the requirement for the degree of Master of Science

INVESTMENT MODEL OF MARITAL COMMITMENT AMONG MARRIED POSTGRADUATE STUDENTS IN TEHRAN, IRAN

By

SHIDEH SEYEDSALEHI

March 2021

Chairman : Professor Rumaya binti Juhari, PhD

Faculty : Human Ecology

Family is not only the place to meet the emotional, material, evolutionary and spiritual needs of its own members, but it is also the origin of human emotions and the main focus of the most traditional intimate relationships and interpersonal interactions, including marriage. A marital relationship has always been an emphasized area. It also has been closely related to commitment as one of the key role players in either the success or the failure of marriages. Rusbult's Investment Model emphasized that increasing in satisfaction level, decreasing in the level of the quality of alternatives, and increasing in investment size would strengthen individuals' marital commitment, and it can contribute to marital stability. This study used Rusbult's Investment Model to investigate the relationship between marital satisfaction, the quality of alternatives, investment size, and marital commitment due to the increase in the rate of divorces in Iran over the last decade.

The current cross-sectional study determined and evaluated the relationships between the satisfaction level, quality of alternatives, investment size, the demographic factors with the marital commitment, and finding the predictors of marital commitment among the married individual postgraduate students in Iran. Based on the convenience sampling method, 473 respondents have been chosen to cover the aim of the study. The Farsi translated version of a standard self-administrated Web-based questionnaire was adopted. The reliability of the questionnaire was tested by Cronbach's alpha in both pilot and the actual study. All Cronbach's Alphas were above 0.80; therefore, all subscales were reliable.

Accordingly, the findings of the study revealed significant bivariate correlations between satisfaction level, quality of alternatives, investment size, gender and having children with marital commitment; also, no significant correlation has been found between age, marital duration, family income and spouse's educational level with marital commitment

among respondents. Moreover, Bootstrap multiple linear regression on the relevant variables revealed gender as the strongest predictor of marital commitment, followed by marital satisfaction, the quality of alternatives and the investment size among respondents. The predictor model explained 59.5 percent of the variance in respondents' marital commitment in the study. Therefore, the results lend support to the use of Rusbult's Investment Model that explains significant factors that increase an individuals' marital commitment in the context of Iran society. This study shed light on the stability of marriage's contributors to help the policymakers and professionals to provide more efficient policies and programs. Further studies on Rusbult's Investment Model might assist in generalizing findings for greater benefit.



MODEL PELABURAN KOMITMEN PERKAHWINAN DALAM KALANGAN PELAJAR PASCA SISWAZAH DI TEHRAN, IRAN

Oleh

SHIDEH SEYEDSALEHI

Mac 2021

Pengerusi : Profesor Rumaya binti Juhari, PhD

Fakulti : Ekologi Manusia

Keluarga bukan sahaja tempat untuk memenuhi keperluan emosi, material, evolusi dan kerohanian ahlinya sendiri, tetapi juga merupakan asal-usul emosi manusia dan fokus utama hubungan intim dan interaksi interpersonal yang paling tradisional, termasuk perkahwinan. Hubungan perkahwinan selalu menjadi tumpuan. Ini juga berkait erat dengan komitmen sebagai salah satu peranan penting dalam kejayaan atau kegagalan sebuah perkahwinan. Model Pelaburan Rusbult menekankan bahawa peningkatan pada tahap kepuasan, penurunan pada tahap kualiti alternatif, dan peningkatan ukuran pelaburan akan memperkuatkan komitmen perkahwinan individu tersebut, dan sangat menyumbang kepada kestabilan perkahwinan. Kajian ini menggunakan Model Pelaburan Rusbult untuk menyelidik hubungan antara kepuasan perkahwinan, kualiti alternatif, ukuran pelaburan, dan komitmen perkahwinan kerana peningkatan kadar perceraian di Iran selama satu dekad terakhir.

Kajian keratan rentas semasa menentukan dan menilai hubungan antara tahap kepuasan, kualiti alternatif, ukuran pelaburan dan faktor demografi dengan komitmen perkahwinan, juga menemukan peramal komitmen perkahwinan di kalangan pelajar pascasiswazah yang sudah berkahwin di Iran. Berdasarkan kaedah pensampelan kemudahan, 473 responden telah dipilih untuk merangkumi tujuan kajian. Versi terjemahan Farsi dari borang soal selidik berasaskan Web kendiri standard yang diguna pakai. Kebolehpercayaan soal selidik diuji oleh Cronbach's alpha dalam kedua-dua pilot dan kajian sebenar. Semua Cronbach's alpha berada di atas 0.80; oleh itu, semua subskala boleh dipercayai.

Oleh itu, penemuan kajian menunjukkan korelasi bivariat yang signifikan antara tahap kepuasan, kualiti alternatif, ukuran pelaburan, jantina dan mempunyai anak dengan komitmen perkahwinan; juga, tidak ada hubungan yang signifikan antara usia, tempoh perkahwinan, pendapatan keluarga dan tahap pendidikan pasangan dengan komitmen

perkahwinan di kalangan responden. Lebih-lebih lagi, regresi linear berganda Bootstrap pada pemboleh ubah yang relevan menunjukkan bahawa jantina adalah peramal kuat komitmen perkahwinan, diikuti oleh kepuasan perkahwinan, kualiti alternatif dan ukuran pelaburan di kalangan responden. Model peramal menjelaskan 59.5 peratus varians komitmen perkahwinan responden dalam kajian. Oleh itu, hasilnya menyokong penggunaan Model Pelaburan Rusbult yang menjelaskan faktor penting yang meningkatkan komitmen perkahwinan seseorang dalam konteks masyarakat Iran. Kesimpulannya, kajian ini menjelaskan kestabilan penyumbang perkahwinan untuk membantu pembuat dasar dan profesional untuk menyediakan dasar dan program yang lebih efisien. Kajian lebih lanjut mengenai Model Pelaburan Rusbult dapat membantu dalam membuat generalisasi penemuan untuk keuntungan yang lebih besar.



ACKNOWLEDGEMENTS

First and foremost, I would like to thank God for all the opportunities, trials, and strengths that have been showered on me through all the difficulties I experienced to finish writing the thesis.

I would like to sincerely thank my husband, Babak, who has been so understanding and supportive. This has been a long journey, and I could not have finished my Master's degree without his tremendous support and patience. I am truly blessed to have you as my partner in life. Thank you from the bottom of my heart.

My deepest gratitude goes to my parents for their prayers, wishes, and positive thoughts, which helped me a lot all these years and especially my brother, who was super supportive during this difficult journey.

I would also like to thank my supervisory committee, Professor Dr Rumaya Binti Juhari and Associate Professor Dr Zarinah Arshat, for all their patience with me to complete this research. I would also like to thank the staff of the Faculty of Human Ecology for all their help during this process.

Finally, thank you to everyone who supported me or guided me, either directly or indirectly, through the process of completing this final year of research.

This thesis was submitted to the Senate of the Universiti Putra Malaysia and has been accepted as fulfilment of the requirement for the degree of Master of Science. The members of the Supervisory Committee were as follows:

Rumaya binti Juhari, PhD

Professor Faculty of Human Ecology Universiti Putra Malaysia (Chairman)

Zarinah binti Arshat, PhD

Associate Professor Faculty of Human Ecology Universiti Putra Malaysia (Member)

ZALILAH MOHD SHARIFF, PhD

Professor and Dean School of Graduate Studies Universiti Putra Malaysia

Date: 14 October 2021

Declaration by Members of Supervisory Committee

This is to confirm that:

- the research conducted and the writing of this thesis was under our supervision;
- supervision responsibilities as stated in the Universiti Putra Malaysia (Graduate Studies) Rules 2003 (Revision 2012-2013) are adhered to.

Signature: Name of Chairman of Supervisory	
Committee:	Professor Dr. Rumaya binti Juhari
Signature:	
Name of Member of Supervisory Committee:	Associate Professor Dr. Zarinah binti Arshat

TABLE OF CONTENTS

			Page
APPRO DECLA LIST O LIST O	AK DWLEI VAL RATIC F TABI F FIGU	LES	i iii v vi viii xiii xiii xiv
СНАРТ	ER		
1	INTR	ODUCTION	1
1	1.1	Background of the Study	1
	1.1	Statement of the Problem	
	1.3	Research Questions	5
	1.4	Objectives of the Study	5
		1.4.1 General Objective	3 5 5 5 5 6
		1.4.2 Specific Objective	5
	1.5	Research Hypothesis	6
	1.6	Significance of the Study	7
	1.7	Definition of Terms	7
	1.8	Theoretical Background	8
	1.9	The Rusbult's Investment Model of Commitment Scale	10
	1.10	Conceptual Framework	10
	1.11	Limitation of Research	11
2	LITE	RATURE REVIEW	12
4	2.1	Introduction	12
	2.2	Marriage	12
	2.3	Marriage in Iran	13
	2.3	2.3.1 Postgraduate Study and Marriage	14
	2.4	Marital Commitment	17
	2.5	The Investment Model of Commitment	18
		2.5.1 Applications of the Investment Model	19
		2.5.2 Satisfaction, Alternatives, Investment and	17
		Commitment	21
	2.6	Demographic variables and marital commitment	23
		2.6.1 Gender, Age, Marital Duration, Having Children,	
		Income, Education Level and Marital Commitment	23
	2.7	Summary	31
3	RESE	ARCH METHODOLOGY	32
	3.1	Introduction	32
	3.2	Research Design	32
	3 3	Study Population	32

	3.4 3.5	Sampling Unit Subject Criteria	32 32
		3.5.1 Inclusion Criteria	32
	3.6	3.5.2 Exclusion Criteria Study Location	33 33
	3.7	Sample Size Estimation	33
	3.8	Sampling Method	33
	3.9	Web Survey	34
	3.10	Research Instrument	34
	3.11	Study Variables	35
		3.11.1 Dependent Variable	35
		3.11.2 Independent Variables	35
	3.12	Pilot Study	35
	3.13	Reliability	36
	3.14	Validity and Reliability of the Investment Scale	37
	3.15	Data Collection	37
	3.16	Data analysis	38
		3.16.1 Univariate Analysis	39
		3.16.2 Bivariate Analysis	39
	3.17	3.16.3 Exploratory Factor Analysis (EFA) Exploratory Data Analysis	39 41
	3.17	3.17.1 Missing Data	41
		3.17.2 Outliers	41
	3.18	Normality Test	42
	3.19		42
	3.20	Chapter Summary	43
4	FINDI	NGS AND DISCUSSION	44
•	4.1	Introduction	44
	4.2	Result of Univariate Analysis	44
	4.3	Descriptive statistics	44
		4.3.1 Descriptive Findings on Marital Satisfaction,	
		Quality of Alternatives and Investment Size	
		Statistics of Variables	47
	4.4	Relationships between the Variables	49
	4.5	Result of Hypotheses Testing	51
	4.6	Summary of Findings	59
	4.7	Chapter Summary	60
5	CONC	CLUSIONS, IMPLICATIONS, RECOMMENDATIONS	61
	5.1	Conclusion	61
	5.2	Implications of the Study	62
		5.2.1 Theoretical Implications	62
	<i>5</i> 2	5.2.2 Practical Implications	63
	5.3	Limitation and Suggestions for Future Research	63
	EREN		65
	ENDIC		75
BIO	DATA	OF STUDENT	103

LIST OF TABLES

Table		Page
2.1	Analyses of Some Articles Review	27
3.1	Result of reliability test	37
3.2	Result of KMO and Bartlett's Test of Sphericity	40
3.3	Factor Matrix	40
3.4	Skewness and Kurtosis of the data	42
3.5	Result of Multicollinearity Diagnosis	43
4.1	Background of 473 respondents	45
4.2	Descriptive statistics of research variables	49
4.3	Bivariate correlations	50
4.4	Result of Spearman Rho Analysis of Main Independent Variables According to the Model	52
4.5	Result of Spearman Rho Analysis on Demographic Variables	54
4.6	Descriptive Statistic of Gender	55
4.7	Result of Mann-Whitney U Analysis for Hypothesis 7	55
4.8	Descriptive Statistic of Having Children	55
4.9	Result of Mann-Whitney U Analysis for Hypothesis 8	56
4.10	Result of Spearman Rho Correlation	57
4.11	Result of Bootstrap Multiple Linear Regression	57
4.12	Predictors of Marital Commitment among Respondents	59
4.13	Summary of Findings	60

LIST OF FIGURES

Figure		Page
1.1	The Rusbult Investment Model of Commitment Scale (Rusbult, 1983)	10
1.2	Conceptual Framework	11
3.1	Flow of Sampling Process	38



LIST OF APPENDICES

Appendix		Page
A	Consent form	75
В	Questionnaire	77
C	Translated Consent form	84
D	Translated Version of Questionnaire	87
E	Ethical Approval	91
F	Permissions for Using Questionnaires	92
G	Simple Random Sampling the Universities with SPSS	93
Н	Demographics Charts	94

CHAPTER 1

INTRODUCTION

This chapter contains the background of the current study in relation to variables including marital satisfaction, quality of alternatives, investment size, marital commitment, and relationship stability, and statement of the problem, and significance of study followed by research questions, research objectives, research hypothesises, the definition of terms, theoretical and conceptual frameworks.

1.1 Background of the Study

Today's world is shifting to be modernised and developed. However, the marriage value continues to be appreciated and practiced significantly in most people's lives. From a traditional social point of view, it is evident that society is made from the perspective of families (Wardle, 2016), particularly when the majority of people pass their principal psychological and emotional life in the unit of their families (Sexton & Lebow, 2015). "Family" is the central nucleus of every community and the centre of various aspects of health and wellbeing also it is the origin of human emotions and the focus of the most traditional intimate relationships and interpersonal interactions; however, it is not the only place to meet the emotional, material, evolutionary and spiritual needs of its own members. Furthermore, marriage is mostly identified as the base of society while it is meaningfully cooperating in shaping the culture and foundation of the society (Yektafar-Hooshvar, 2016). Families are progressively seen as organisations where the partners potentially came to practice demonstrative contentment and satisfy their mutual requirements in relation to their children (Sexton & Lebow, 2015) as well. These traditional highlighted concepts have been affected in the modernisation transition along with many other concepts in social and individual levels.

The process of transition from traditional to modernise system has culturally changed peripheral countries by creating the division splitting and weakening the factors of traditional society (Hezarjaribi et al., 2017). Therefore, the family-centred culture has been partially transformed to the person-centred system, and this process has altered the structure of marriage from entity-centred to relationship-centred, which might potentially cause several social complications in families (Hezarjaribi et al., 2017). For instance, as the number of highly educated Iranian women has dramatically increased, it encouraged more participation in social activities and more independence. In a greater sense, mortality rates reduced, fertility rates declined, the age of marriage raised, the expectations of marital life increased, and the freedom in selecting the spouse enhanced in the Iranian women category. These shifts have evolved in Iranian families as a result of the transition. The research revealed the divorce rate had increased dramatically in Iran, especially among postgraduate students (Hezarjaribi et al., 2017). Ghoroghi et al. (2015) reported the divorce rate is relatively high among graduate students.

Being a married postgraduate student is not a laidback role to be due to its multiple progressive facets. Each partner as a single unit of society faces a genuinely different life experience at their personal, working, and academic levels, and shaping cumulative challenges in the student's life and the marriage consequently (Ghoroghi et al., 2015). Postgraduate study years seem an important period in an individual's life, especially in married couple cases, while potentially encourages more marital disagreement and even divorce (Ghoroghi et al., 2012). Hassan and Al Horany (2011) also mentioned, being married and pursuing graduate study initiates a considerable amount of personal effort to balance between work and marriage, marital commitment, financial management, parenting, and handling the relationship itself.

Marital commitment plays a vital role in either the success or the failure of marriages while assisting in the interpretation of the potential reasons contributing to relationship breakdowns or survivals (Weigel & Ballard-Reisch, 2014). Furthermore, Clements and Swensen (2000) also consider the spouse's commitment as the strongest predictor of quality of life in marriage. Another study done by Tang and Curran (2013) nominated marital commitment as the strongest predictor of the quality of marital life based on its relation to more meaningful communication, greater happiness, and constructive behaviour, particularly in the presence of complications. A high level of marital commitment is profoundly associated with greater love expression, higher marital compatibility, stability, better problem-solving skills, and marital satisfaction (Olson et al., 2013). Marital commitment also indicates long-term and durable relationships (Adams & Jones, 1997), and high levels of commitment predict the stability of relationships for more than five years (Sprecher & Fehr, 2005). Even in a recent study, marital commitment has been shown to be a good predictor of a stable long-term marriage (e.g., more than 15 years) (Mehdizadegan & Renani, 2016).

A legal and culturally accepted family is solely identified through a registered marriage in Middle Eastern societies, particularly in Iran. Sexual relations are religiously and culturally permitted by marriage, and unregistered relations are lawfully forbidden, follows by legal penalties; therefore, early age marriage for both males and females has been encouraged during the long history of Iranian tradition. Recently, the transition of traditional society to modern society and adaptive changes in law and society dismiss an alteration on marriage age and consequently increased the marriage age. Growth in the age of marriage, an increasing number of divorces, less offspring, and higher levels of education for females change the traditional families' interaction model. Some significant partner's traditional role changes in relation to noted variations are imposing a great quantity of stress on Iran society in the current social transition (Edalati & Redzuan, 2010). Alongside socio-cultural differences, married couples must encounter battles regarding their personal differences. In relation to personal differences, married couples with the capability of managing fights, mutual understanding, and avoiding criticising each other have higher stability and satisfaction in their marital lives (McCoy et al., 2017).

Marital commitment, as the highlighted point, was investigated in various models, including Rusbult's Investment Model of Commitment (1980). Rusbult's Investment Model of commitment (1980) depicts the theory of interdependence and interconnects structures to analyse the tendency to maintain a relationship, based on the theory of interdependence to predict the marital commitment and stability of romantic relationships. According to Rusbult's Investment Model of Commitment, marital commitment is affected by the three key elements; the level of satisfaction with the relationship, the quality of the alternatives, and the amount of investment in the relationship (Rusbult, 1980).

Even though marriage and marital commitment have got their own specific depth in each context, in Middle Eastern Muslim-based countries, including Iran, the country's rules and regulations along the transitional journey from traditional society to a modern one affects the marital circumstances. The individuals' satisfaction level, quality of alternatives, and investment size in their marriage have been potential predictors of marital commitment's level between spouses and the stability of the marriage and significantly contribute to either staying or leaving their marital relationship (Caryl, 2011).

1.2 Statement of the Problem

Iran, as a developing country, has been affected by its long history, culture, and tradition. The current and new Iranian generations are facing a great conflict between modernisation and culture. Tehran is the capital of Iran, with the largest population contains greater cultural, racial, and religious diversities than other states. Since the 20th century, Tehran, as the capital city, has become the most popular place for immigrants from all over the country (Hezarjaribi et al., 2017). Therefore, the pace of social changes and the population's adaptability are relatively higher in Tehran.

Census organisation of Iran revealed the highest number of marriages (114900), and divorces (24667) happened in Tehran in 2006. According to statistics, 21.46 percentage of marriages in Tehran have been normally ended by divorce. By 2017, still, the highest rate of both marriage and divorce belongs to Tehran (more than twice in percentage= 45.35 %) than other states; meanwhile, the number of marriages decreased and divorced increased, particularly in the university students' group (Registration, 2017).

The divorce rate is still growing daily in contrast with the rate of marriage in Iran, even in the presence of lettered, social, and legitimate restrictions (Registration 2017). According to the Census Organization of Iran, in 2006, the number of marriages was 778291, and the number of divorces was 94039, which means 12.082 percent of marriages got terminated in Iran. Later, by the year 2017, the number of marriages decreased while the divorce cases increased. The number of marriages in 2017 was 608956, and the number of divorced couples was 17457, so 28.66% of marriages got terminated (Registration, 2017). All highlighted statistics revealed the drastic changes in

marital relationships and shed light on the urge of studies, including the impactful factors on the stability and duration of marital relationships in Iran society.

According to the latest data from the Census organisation of Iran (2017), among the 30459 number of recorded divorces in Tehran, the number of university students who got a divorce was particularly increased than other social groups. Consequently, it is important to discover the important factors that affect commitment in marriage among graduate-level students in Iran. Hassan and Al Horany (2011) argumentatively stated that graduate-level study is one important decision in life as it could affect how one's life is shaped, including their marriage. In addition to this, extra challenges are known to be experienced by married students due to the new study environment. Marital lives and study lives are not easy to be handled at the same time (Ghoroghi et al., 2012). Therefore, marital commitment is sensibly needed to be studied among postgraduate students in Iran.

Every successful marriage has survived on three fundamental pillars of commitment, attraction, and understanding. Marital commitment is identified as one of the vital factors in the growth and stability of personal relationships, which plays a crucial role in the success or failure of marriages while helping to interpret the reasons and perceptions related to the marital relationship's break down or survival (Adams & Jones, 1997; Weigel & Ballard-Reisch, 2014). The cumulative stress and disagreement between couples in the marital relationship might lead to less commitment in the relationship and unstable marriage (Zaheri et al., 2016). Karimi et al. (2019), based on a systematic review, noted marital commitment is the most important factor in the stability of marriage in the society of Iran. In other words, lack of commitment is a key issue in unstable marriages in Iran.

The need for a proper tool to identify the impactful components in marital survival is necessary based on the given meaningful reputation to the marital relationships as the core group of society; however, the divorce rate is increasing in Iranian society. There are various available scales to determine commitment levels; however, most of them measure the different types of commitment, such as Levinger's cohesiveness scale model (1965) and three-component model of commitment developed by Meyer and Allen (1991), and these models have not been proven to be used on intimate relationships. The Investment Model of Commitment by Rusbult (1980) is the only available and rigorously proven scale to determine commitment in intimate relationships to find the predictors in various societies. The scale of Rusbult's Investment Model of Commitment is a suitable tool to identify the factors affecting marital relationships since commitment is one of the most important components of keeping a marriage going and avoiding divorce. According to Rusbult's Investment Model of Commitment, commitment is affected by three key elements, the level of satisfaction with the relationship, the quality of the alternatives, and the amount of investment in the relationship (Rusbult, 1980).

The lack of studies and research on the quality of the alternatives and the amount of investment in the relationship, as impactful factors on commitment, is obvious in the context of Iran society and particularly in married postgraduate students. On the other hand, the Marital Investment Scale (Rusbult et al., 1998) has been translated in 2018 for the very first time in Iran (Ghezelseflo et al., 2018), and it has been poorly used in Iran society. Therefore, the current study is focused on exploring and examining Rusbult's Investment Model of Commitment (Rusbult, 1980) among married postgraduate students in the context of Iran society (Tehran) to fulfil the following research questions.

1.3 Research Questions

The following research questions are aimed to be answered in this study:

Research Question 1: What are the relationships between demographic factors, satisfaction level, quality of alternatives, and investment size with marital commitment among the respondents?

Research Question 2: Are there any differences between female and male respondents and the respondents with or without children in their satisfaction level, quality of alternatives, investment size, and marital commitment?

Research Question 3: What factors significantly predict marital commitment?

1.4 Objectives of the Study

1.4.1 General Objective

This study aims to determine the relationships between independent variables in Rusbult's Investment Model of Commitment and the commitment among married postgraduate students in Tehran, Iran.

1.4.2 Specific Objective

Following specific research objectives are aimed to be fulfilled in this study:

Research Objective 1: To describe demographic factors (age, gender, marital duration, having children, education level, the field of study, number of semesters, working status, and family income), level of satisfaction, quality of alternatives, investment size, and commitment through the Rusbult's Investment Model of Commitment from the viewpoint of Tehran city married postgraduate students.

Research Objective 2: To determine the relationships between demographic factors, satisfaction level, quality of alternatives, investment size with commitment through the Rusbult's Investment Model of Commitment from the viewpoint of Tehran city married individual postgraduate students.

Research Objective 3: To compare satisfaction level, quality of alternatives, investment size, and marital commitment between male and female respondents and those with and without children.

Research Objective 4: To determine significant predictors of marital commitment among respondents.

1.5 Research Hypothesis

In general, it is hypothesised that satisfaction level, quality of alternatives, investment size predicts marital commitment among respondents.

Based on the objectives of this study, the following hypothesises are formulated:

Ha1: Higher satisfaction relates to higher marital commitment among the respondents.

Ha2: Higher quality of alternatives relates to lower marital commitment among the respondents.

Ha3: Larger investment size relates to higher marital commitment among the respondents.

Ha4: Younger respondents are more committed to their marriage.

Ha5: Respondents with longer marital duration tend to be more committed to their marriage.

Ha6: Respondents with higher family income tend to be more committed to their marriage.

Ha7: Female respondents are more committed to their marriage than male respondents.

Ha8: Respondents with children are more committed to their marriage.

Ha9: Marital satisfaction, quality of alternatives, investment size, age, gender, family income, and having children are significant predictors of marital commitment among respondents.

1.6 Significance of the Study

This research has been focusing on the role of marital commitment among married postgraduate students and investigated the relationships between the satisfaction level, the quality of alternatives, and the investment size with the commitment level through Rusbult's Investment Model of Commitment. On the other hand, this study aimed to find the predictors of commitment among respondents by examining the relationships between demographic factors and marital commitment. The current study contributed to the enrichment of the gap in the body of literature on marital commitment through Rusbult's Investment Model of Commitment on married postgraduate students in the context of Iran, Tehran society. Moreover, the results of the current study might serve the government, policymakers, community workers, and the individuals contributing to decreasing the divorce rate in Iran, Tehran; as well as the family health centres, premarriage education centres, and other relevant organisations including, university counsellors to develop effective intervention programs to promote marital satisfaction and maintenance.

1.7 Definition of Terms

Satisfaction Level

Conceptual Definition: According to Rusbult et al. (1998), "Satisfaction level refers to the positive versus negative affect experienced in a relationship. Marital satisfaction is influenced by the extent to which a partner fulfils the individual's most important needs."

Operational Definition: Satisfaction Level refers to the respondent's score on the Marital Satisfaction subscale of the Rusbult's Investment Model of Commitment inventory (Rusbult et al., 1998). A high score means a high level of satisfaction, and a low score means a low marital satisfaction.

Quality of alternatives

Conceptual Definition: Results seen as attainable in the best possible alternative to the current relationship. A person has better quality options so as to meet his/her significant requirements outside the current relationship (Tan et al., 2018).

Operational Definition: Quality of alternatives refers to the respondent's score on the Quality of Alternatives subscale of the Rusbult's Investment Model of Commitment inventory (Rusbult et al., 1998). A high score means a high quality of alternative, and a low score means a low quality of alternative.

Investment size

Conceptual Definition: Magnitude and significance of resources attached to the current relationship that would become lost or marred if the relationship were to cease. The investment by a person is so high that he/she has lots of tangible and intangible resources (Tan et al., 2018).

Operational Definition: Investment size refers to the respondent's score on the Investment Size subscale of the Investment Model of Commitment inventory (Rusbult et al., 1998). A high score means a small amount of investment, and a low score means a large amount of investment.

Marital Commitment

Conceptual Definition: The intention of a person to maintain a psychological attachment to a relationship and a spouse, and a long-term orientation toward the relationship and the desire to continue the relationship (Arriaga et al., 2006).

Operational Definition: Commitment refers to the respondent's score on the Marital Commitment subscale of the Rusbult's Investment Model of Commitment inventory (Rusbult et al., 1998). A high score means a high level of marital commitment, and a low score means a low marital commitment.

1.8 Theoretical Background

One of the most highlights theories related to marital commitment is Rusbult's Investment Model of Commitment (Rusbult, 1980). Rusbult's Investment Model of Commitment portrays the interdependence theory and interconnect's structure to evaluate the inclination to preserve a relationship. Rusbult designed the Investment Model of Commitment based on the theory of interdependence to predict the commitment and stability of romantic relationships.

According to Rusbult's Investment model of commitment, the commitment is affected by three key elements; the level of satisfaction with the relationship, the quality of the alternatives, and the amount of investment in the relationship (Rusbult, 1980). The strong commitment of a relationship in a romantic relationship is related to the sense of people's satisfaction with the relationship (Olson et al., 2013).

Satisfaction Level

In this model, the level of satisfaction means experiencing positive emotions against negative emotions in a relationship. The level of satisfaction depends on the extent to

which the spouse or the other person is meeting other parties' needs (Chitsazzadeh Alaf & Sanai, 2017).

Marital satisfaction is an important factor during postgraduate years among married students, which affects their psychological wellbeing (Ghoroghi et al., 2015). Individuals feel satisfied whenever their relationship has more rewards than costs. Rewards are the provided services by a spouse or the relationship itself (e.g., sexual pleasure or social support). Costs are the disliked components of a spouse or the relationship itself (e.g., ongoing conflicts or financial pressures) (Gettings & Wilson, 2014).

Quality of Alternatives

According to Rusbult's Investment Model of Commitment, the quality of the alternatives is the second most important predictor of commitment. The quality of the alternatives means the perceived utility of the best alternatives for a relationship. It refers to the subjective evaluation of people from the cost and rewards that they derive from the current relationship, including finding another partner, spending time with friends and family, or spending time alone (Gettings & Wilson, 2014; Olson et al., 2013).

Investment Size

The third factor that affects the commitment according to Rusbult's Investment Model of Commitment is the amount of investment. The amount of investment refers to the size and importance of the sources that depend on the relationship, the sources that are reduced or lost when the relationship ends. For the development of a relationship, spouses invest many resources directly in the hope of developing their relationships (Etcheverry et al., 2013).

However, some indirect investments end when the relationship is terminated, such as mutual friends, personal identities, children, or joint assets that are related to the relationship (Caryl, 2011). The invested resources will increase the commitment because the investment increases the cost of ending the relationship and acts as a psychological power to continue the relationship (Brooks et al., 2018).

1.9 The Rusbult's Investment Model of Commitment Scale

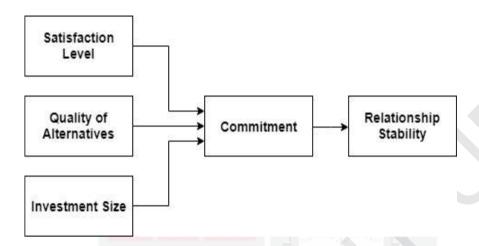


Figure 1.1: The Rusbult Investment Model of Commitment Scale (Rusbult, 1983)

1.10 Conceptual Framework

The framework represents a research plan and shows the ideas and variables relevant to the study in summary.

The conceptual framework for this study, shown in Figure 1.2, is based on Rusbult's Investment Model of Commitment. The arrows designate the divisions and relationships between the variables of the research. The demographic variables are related to the dependent variable (commitment) directly, and they are related indirectly to the independent variables, which have been shown by dotted lines in Figure 1.2. Additionally, the satisfaction level, the quality of alternatives, and the investment size directly affect marital commitment (DV). Moreover, relationship stability is the outcome of Rusbult's Investment Model of Commitment that is potentially predicted by marital commitment.

This study aims to determine the relationships between satisfaction level, quality of alternatives, investment size, and commitment of the Rusbult's Investment Model of Commitment among married postgraduate students in Tehran, Iran; while age, gender, marital duration, having children, and family income are considered as demographic variables.

Figure 1.2 refers to the conceptual framework of the current research among married postgraduate students in Tehran, Iran.

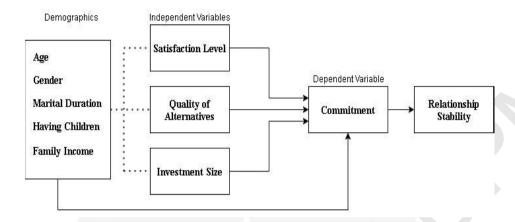


Figure 1.2: Conceptual Framework

1.11 Limitation of Research

Despite all the respected findings of the study, some limitations were co-existing along the journey.

The absence of literature, including empirical support on the Rusbult's Investment Model of Commitment Scale (Rusbult, 1983), particularly in Iran, improvised some limitations of the study. This study has been a correlational study in nature, so the lack of control on the unpredictable variable is presented. The lack of previous literature and the existence of unpredictable variables might affect the generalizability of the study on larger scales. Therefore, Therefore, further studies in other communities and groups are required to assist the generalizability of the findings.

The next limitation would be related to the employed data collection technique. Utilising the self-reporting online data collection technique might expose participants to the potential social desirability in self-reporting surveys.

REFERENCES

- Adams, J. M., & Jones, W. H. (1997). The conceptualization of marital commitment: An integrative analysis. *Journal of personality and social psychology*, 72(5), 1177.
- Akhavan, N. (2014). Family Feuds: Digital Battles Over the Place of Women in Contemporary Iran. 23(3), 349-362.
- Alemán, A. M. M., Renn, K. A., & Tidball, M. E. (2002). Women in higher education: An encyclopedia. ABC-CLIO.
- Amirsardari, L., & Khademi, A. (2018). Psychometric Properties of Rusbult's Relationship Investment Scale. Jentashapir Journal of Health Research, 9(6).
- Anne Legako, M., Lehmann Sorenson, R. J. J. o. P., & Theology. (2000). Christian psychology graduate school's impact on marriage: Nonstudent spouses speak. 28(3), 212-220.
- Arif, N., Fatima, I. J. P. J. o. S., & Psychology, C. (2015). Marital satisfaction in different types of marriage. *13*(1), 36.
- Arriaga, X. B. (2013). An interdependence theory analysis of close relationships.
- Arriaga, X. B., Reed, J. T., Goodfriend, W., & Agnew, C. R. (2006). Relationship perceptions and persistence: Do fluctuations in perceived partner commitment undermine dating relationships? *Journal of personality and social psychology*, 91(6), 1045.
- Astin, A. W., Berger, J. B., Bibo, E. W., Burkum, K. R., Cabrera, A. F., Crisp, G., Gansemer-Topf, A., Hagedorn, L. S., LaNasa, S. M., & Lyons, S. (2012). *College student retention: Formula for student success*. Rowman & Littlefield Publishers.
- AZAD, A. T., & Maleki, A. (2007). Traditional and modern values a study on their relations at macro and micro levels.
- Babbie, E. R. (1998). The practice of social research. International Thomson Publishing Services.
- Bailey, J. (2003). *Unquiet lives: marriage and marriage breakdown in England, 1660–1800.* Cambridge University Press.
- Barton, A. W., Hurt, T. R., Futris, T. G., Sheats, K. F., McElroy, S. E., & Landor, A. M. J. J. o. B. P. (2017). Being committed: Conceptualizations of romantic relationship commitment among low-income African American adolescents. *43*(2), 111-134.
- Becker, G. S., & Becker, G. S. (2009). A Treatise on the Family. Harvard university press.

- Belsky, J., & De Haan, M. (2011). Annual research review: Parenting and children's brain development: The end of the beginning. *52*(4), 409-428.
- Bookwala, J., Sobin, J., & Zdaniuk, B. J. S. r. (2005). Gender and aggression in marital relationships: A life-span perspective. *52*(11-12), 797-806.
- Bookwala, J. E. (2016). Introduction: Current perspectives on couple relationships in the middle and later years.
- Brannock, R. G., Litten, M. J., & Smith, J. J. J. o. C. C. (2000). The impact of doctoral study on marital satisfaction. *3*(2), 123-130.
- Brooks, J. E., Ogolsky, B. G., & Monk, J. K. (2018). Commitment in Interracial Relationships: Dyadic and Longitudinal Tests of the Investment Model. *Journal of Family Issues*, 39(9), 2685-2708.
- Bui, K.-V. T., Peplau, L. A., & Hill, C. T. (1996). Testing the Rusbult model of relationship commitment and stability in a 15-year study of heterosexual couples. *Personality and Social Psychology Bulletin*, 22(12), 1244-1257.
- Bulgan, G., & Çiftçi, A. (2017). Psychological adaptation, marital satisfaction, and academic self-efficacy of international students. Journal of International Students. 7(3), 687-702.
- Bulgan, G., & Çiftçi, A. (2017). Psychological adaptation, marital satisfaction, and academic self-efficacy of international students. 7(3), 687-702.
- Caryl, R. (2011). The investment model of commitment processes. *Handbook of theories of social psychology*, 2, 218.
- Chitsazzadeh Alaf, B., & Sanai, B. (2017). Effect of practical application of intimate relationship skills program in marital commitment of couples. *Journal of Research and Health*, 7(1), 653-662.
- Cigno, A. J. R. o. E. o. t. H. (2012). Marriage as a commitment device. 10(2), 193-213.
- Clark, M. S., & Grote, N. K. (1998). Why aren't indices of relationship costs always negatively related to indices of relationship quality? *Personality and Social Psychology Review*, 2(1), 2-17.
- Cotten, S. R. (1999). Marital status and mental health revisited: Examining the importance of risk factors and resources. 225-233.
- Cox, F. D., & Demmitt, K. (2013). *Human intimacy: Marriage, the family, and its meaning*. Cengage Learning.
- Edalati, A., & Redzuan, M. (2010). Perception of women towards family values and their marital satisfaction. *Journal of American science*, 6(4), 132-137.

- Egenti, M., & Omoruyi, F. J. E. J. o. C. (2011). Challenges of women participation in continuing higher education programme: Implications for adult women counselling and education. *4*(1-2), 131-143.
- Etcheverry, P. E., Le, B., WU, T. F., & Wei, M. (2013). Attachment and the investment model: Predictors of relationship commitment, maintenance, and persistence. *Personal relationships*, 20(3), 546-567.
- Faul, F., Erdfelder, E., Lang, A.-G., & Buchner, A. (2007). G* Power 3: A flexible statistical power analysis program for the social, behavioral, and biomedical sciences. *Behavior research methods*, 39(2), 175-191.
- Field, A. (2009). In Discopering Statistics Using SPSS, Thrid Edition.
- Fincham, F. D., Rogge, R., & Beach, S. R. (2018). Relationship satisfaction.
- Fuenfhausen, K. K., & Cashwell, C. S. (2013). Attachment, stress, dyadic coping, and marital satisfaction of counseling graduate students. *The Family Journal*, 21(4), 364-370.
- George, D., & Mallery, P. (2011). IBM SPSS Statistics 19 Step by Step: A Simple Guide and Reference: Pearson Higher Education.
- Gerstein, L. H., & Russell, N. J. C. S. J. (1990). The experience of medical school: A major life crisis.
- Gettings, P. E., & Wilson, S. R. (2014). Examining commitment and relational maintenance in formal youth mentoring relationships. *Journal of Social and Personal Relationships*, 31(8), 1089-1115.
- Ghezelseflo, M., Aghamiri, N., Aghamiri, N., & Hemati-Pouya, S. (2018). Confirmatory Factor Analysis, Reliability, and Validity of Relational Maintenance Strategy Measure among Couples in Tehran. *Community Health (Salāmat-i ijtimāī)*, 5(3), 207-216.
- Ghoroghi, S., Hassan, S. A., & Baba, M. (2012). Function of Family-of-Origin experiences and marital adjustment among married Iranian students of Universiti Putra Malaysia. *International Journal of Psychological Studies*, 4(3), 94.
- Ghoroghi, S., Hassan, S. A., & Baba, M. (2015). Marital Adjustment and Duration of Marriage among Postgraduate Iranian Students in Malaysia. *International Education Studies*, 8(2), 50-59.
- Ghoroghi, S., Hassan, S. A., & Baba, M. (2015). Marital Adjustment and Duration of Marriage among Postgraduate Iranian Students in Malaysia. *International Education Studies*, 8(2), 50-59.
- Gill, B., Hayes, S., & Senior, C. (2015). The effects of family support and gender on mature student engagement in higher education. *Frontiers in psychology*, *6*, 156.

- Gold, J. M. (2006). Profiling marital satisfaction among graduate students: An analysis of the perceptions of masters and doctoral-students. 28(4), 485-495.
- Hadden, B. W., Harvey, S. M., Settersten Jr, R. A., & Agnew, C. R. (2019). What do I call us? The investment model of commitment processes and changes in relationship categorization. *Social Psychological and Personality Science*, 10(2), 235-243.
- [Record #71 is using a reference type undefined in this output style.]
- Hair Jr, J., Black, W., Babin, B., Anderson, R., & Tatham, R. J. M. d. a. A. g. p. (2010). SEM: An introduction. 5(6), 629-686.
- Hammer, M. R. (1992). Research, mission statements, and international student advising offices. *16*(2), 217-236.
- Hashmi, H. A., Khurshid, M., & Hassan, I. J. I. j. o. m. u. (2007). Marital adjustment, stress and depression among working and non-working married women. 2(1), 19-26.
- Hassan, S. A., & Al Horany, A. (2011). Marital adjustment among postgraduate students at universities in Malaysia. *Elixir Psychology*, *37*, 3773-3776.
- Hatch, L. R., & Bulcroft, K. (2004). Does long-term marriage bring less frequent disagreements? Five explanatory frameworks. 25(4), 465-495.
- Hezarjaribi, J., Entezari, A., & Niyyati, M. (2017). Divorce Trends in Iran between 2004-2013. *Journal of History Culture and Art Research*, 6(4), 1108-1122.
- Higgins, L. T., Zheng, M., Liu, Y., & Sun, C. H. J. S. R. (2002). Attitudes to marriage and sexual behaviors: A survey of gender and culture differences in China and United Kingdom. *46*(3-4), 75-89.
- Hinton, P. R., Brownlow, C., & McMurray, I. I., & Cozens, B. (2004). SPSS explained.
- Hou, Y., Jiang, F., & Wang, X. J. I. J. o. P. (2019). Marital commitment, communication and marital satisfaction: An analysis based on actor–partner interdependence model. *54*(3), 369-376.
- Iran, S. c. o. (2020). Statistical center of Iran. www.amar.org.ir
- Jacobson, N. S., Waldron, H., & Moore, D. (1980). Toward a behavioral profile of marital distress. *Journal of Consulting and Clinical Psychology*, 48(6), 696.
- Jalali, B. (2005). Iranian families. Ethnicity and family therapy, 3, 451-467.
- Jalovaara, M. (2002). Socioeconomic differentials in divorce risk by duration of marriage. 7, 537-564.

- Juhari, R., & Arif, N. A. M. (2016). Investment model of marital commitment among urban duel-earner couples. *Journal of Education & Social Sciences*, 5(2), 170-174.
- Juhari, R., Yaacob, S. N., Arif, N. A. M., & Sabri, M. F. (2019). Marital Commitment as a Function of Marital Satisfaction, Marital Investment and Marital Alternatives among Working Women in Malaysia. *Towards a Safer World: Addressing the Dynamics of Human Ecological Challenges*, 61.
- Kamali, M. (2018). Revolutionary Iran: Civil society and state in the modernization process. Routledge.
- Karimi, R., Bakhtiyari, M., & Arani, A. M. (2019). Protective factors of marital stability in long-term marriage globally: a systematic review. 41.
- Kelley, H. H., & Thibaut, J. W. (1978). Interpersonal relations: A theory of interdependence. John Wiley & Sons.
- Khayatzadeh, M. M., Rostami, H. R., Amirsalari, S., & Karimloo, M. (2013). Investigation of quality of life in mothers of children withcerebral palsy in Iran: association with socio-economic status, marital satisfaction and fatigue. *Disability and rehabilitation*, 35(10), 803-808.
- Kiernan, K. (2000). European perspectives on union formation. 40-58.
- Kline, R. B. (2005). Principles and practice of structural equation modeling 2nd edition guilford press.
- Kogan, S. M., Yu, T., Brown, G. L. J. J. o. M., & Family. (2016). Romantic relationship commitment behavior among emerging adult African American men. 78(4), 996-1012.
- Krejcie, R. V., Morgan, D. W. J. E., & measurement, p. (1970). Determining sample size for research activities. *30*(3), 607-610.
- Kulik, L., & Havusha-Morgenstern, H. (2010). An ecological approach to explaining women's adjustment in the initial stage of marriage. *Contemporary Family Therapy*, 32(2), 192-208.
- Kurdek, L. J. P., family,, & GOD, p. p. o. a. o. i. f.-t. f.-g. c.-. (2015). i Sinclair, RJ (2000). 24, 487-507.
- Larson, J. H., & Holman, T. B. J. F. R. (1994). Premarital predictors of marital quality and stability. 228-237.
- Lavner, J. A., Karney, B. R., Bradbury, T. N. J. B. S., & Policy. (2015). New directions for policies aimed at strengthening low-income couples. *I*(2), 13-24.

- Le, B., & Agnew, C. R. (2003). Commitment and its theorized determinants: A meta-analysis of the Investment Model. *Personal relationships*, 10(1), 37-57.
- Lyngstad, T. H., Noack, T., & Tufte, P. A. J. E. S. R. (2011). Pooling of economic resources: A comparison of Norwegian married and cohabiting couples. *27*(5), 624-635.
- Madanian, L. (2013). *Marital Satisfaction Among Married Iranian Students in Malaysia* Universiti Teknologi Malaysia].
- Mahmoudian, H., & Khodamoradi, H. (2006). Investigating the relationship of socio economic progress and divorce rate among cities in 2006. 23, 13-41.
- Maqsood, F., Maqsood, S., & Raza, H. J. A. R. I. (2012). Getting higher education: Is it really a challenge for females in Pakistan?, 2(3), 352.
- Martin, P. D., Specter, G., Martin, M., & Martin, D. J. A. (2003). Expressed attitudes of adolescents toward marriage and family life. *38*(150).
- McCoy, A., Rauer, A., & Sabey, A. (2017). The meta marriage: links between older couples' relationship narratives and marital satisfaction. *Family process*, 56(4), 900-914.
- McGoldrick, M., Carter, B., & Garcia Preto, N. (2011). Overview: The life cycle in its changing context. 4, 1-19.
- McRoy, S., & Fisher, V. L. (1982). Marital adjustment of graduate student couples. *Family Relations*, 37-41.
- Mehdizadegan, I., & Renani, Z. (2016). Comparing of sexual satisfaction, marital commitment, marital intimacy and body image among married employed and married housewives women. *International Journal of Psychology*, 51.
- Meier, A., & Allen, G. (2009). Romantic relationships from adolescence to young adulthood: Evidence from the National Longitudinal Study of Adolescent Health. 50(2), 308-335.
- Memon, M. A., Salleh, R., Baharom, M. N. R., & Harun, H. J. I. E. S. (2014). Factors Influencing the Satisfaction of International Postgraduate Students in the Malaysian Context--A Literature Review and a Proposed Model. 7(11), 76-83.
- Meyer, J. P., & Allen, N. J. J. H. r. m. r. (1991). A three-component conceptualization of organizational commitment. *I*(1), 61-89.
- Negy, C. (2003). Undergraduate students' adaptation to college: does being married make a difference?, 44(5), 670-690.

- Olson, J. R., Goddard, H. W., & Marshall, J. P. (2013). Relations among risk, religiosity, and marital commitment. *Journal of Couple & Relationship Therapy*, 12(3), 235-254.
- Pallant, J. (2005). In SPSS survival guide. Crow's Nest, NSW: Allen & Unwin.
- Pallant, J. (2020). SPSS survival manual: A step by step guide to data analysis using IBM SPSS. Routledge.
- Patten, R. (2005). Marriage, a History: From Obedience to Intimacy or How Love Conquered Marriage. 67(5), 1350.
- Peleg-Koriat, I., Weimann-Saks, D., & Ben-Ari, R. (2018). The relationship between power perception and couple's conflict management strategy. *17*(3), 227-249.
- Registration, N. O. f. C. (2017). *Marriage & Divorce Statistics in Iran*. https://www.sabteahval.ir/Default.aspx?tabid=4773
- Robinson, C. D. B. (2017). Differences in Marital Satisfaction and Marital Commitment Based on Theological Adherence to and Practice of Biblically Based Principles According to Ephesians 5: 21-33 Alliant International University].
- Rodrigues, D., & Lopes, D. J. I. J. o. P. (2015). The role of moral commitment within the Investment Model. 50(2), 155-160.
- Rosen-Grandon, J. R., Myers, J. E., & Hattie, J. A. (2004). The relationship between marital characteristics, marital interaction processes, and marital satisfaction. *Journal of Counseling & Development*, 82(1), 58-68.
- Roxburgh, S., & Class. (2014). Race, class, and gender differences in the marriage-health relationship. 7-31.
- Rusbult, C. E. (1980). Commitment and satisfaction in romantic associations: A test of the investment model. *Journal of experimental social psychology*, 16(2), 172-186.
- Rusbult, C. E. (1983). A longitudinal test of the investment model: The development (and deterioration) of satisfaction and commitment in heterosexual involvements. *Journal of personality and social psychology*, 45(1), 101.
- Rusbult, C. E., Drigotas, S. M., & Verette, J. (1994). The investment model: An interdependence analysis of commitment processes and relationship maintenance phenomena.
- Rusbult, C. E., Martz, J. M., & Agnew, C. R. (1998). The investment model scale: Measuring commitment level, satisfaction level, quality of alternatives, and investment size. *Personal relationships*, 5(4), 357-387.
- Rusbult, C. E., & Van Lange, P. A. J. A. r. o. p. (2003). Interdependence, interaction, and relationships. *54*(1), 351-375.

- Saggino, A., Kline, P. J. P., & Differences, I. (1996). The location of the Myers-Briggs Type Indicator in personality factor space. *21*(4), 591-597.
- Sanderson, A. R., Dugoni, B. L., Hoffer, T. B., & Myers, S. L. (2000). Doctorate Recipients from United States Universities: Summary Report, 1999.
- Sanderson, B., & Kurdek, L. A. J. F. R. (1993). Race and gender as moderator variables in predicting relationship satisfaction and relationship commitment in a sample of dating heterosexual couples. 263-267.
- Schumm, W. R., Crawford, D. W., Higgins, M., Lockett, L., AlRashed, A., bin Ateeq, A. J. M., & Review, F. (2018). Estimating the Standard Deviation From the Range: a Replication of Analysis of Demographic Data Reported in Marriage & Family Review, 2016-2017. 54(8), 777-792.
- Sexton, T. L., & Lebow, J. (2015). Handbook of family therapy. Routledge.
- Shackelford, T. K., Buss, D. M. J. P., & Differences, I. (2000). Marital satisfaction and spousal cost-infliction. 28(5), 917-928.
- Shayestehfar, A., & Farajollahi, M. J. Q. o. I. D. E. J. (2019). The Role of Economic Factors in the Growth and Development of Human Resources in Open and Distance Universities in Iran. 2(1).
- Shokrani, B., Seyed Mousavi, P. S., Sadeghi, M. S. J. J. o. R., & Health. (2020). Intergenerational Study of Commitment in Married Couples Living in Tehran City, Iran. 10(2), 79-84.
- Sori, C. F., Wetchler, J. L., Ray, R. E., & Niedner, D. M. (1996). The impact of marriage and family therapy graduate training programs on married students and their families. *American Journal of Family Therapy*, 24(3), 259-268.
- Sorokowski, P., Randall, A. K., Groyecka, A., Frackowiak, T., Cantarero, K., Hilpert, P., Ahmadi, K., Alghraibeh, A. M., Aryeetey, R., & Bertoni, A. (2017). Marital satisfaction, sex, age, marriage duration, religion, number of children, economic status, education, and collectivistic values: Data from 33 countries. Frontiers in psychology, 8, 1199.
- Spanier, G. B., & Lewis, R. A. (1980). Marital quality: A review of the seventies. *Journal of Marriage and the Family*, 825-839.
- Sprecher, S., & Fehr, B. (2005). Compassionate love for close others and humanity. *Journal of Social and Personal Relationships*, 22(5), 629-651.
- Tan, K., Arriaga, X. B., & Agnew, C. R. (2018). Running on empty: Measuring psychological dependence in close relationships lacking satisfaction. *Journal of Social and Personal Relationships*, 35(7), 977-998.

- Tashakkori, A., & Thompson, V. D. (1988). Cultural change and attitude change: an assessment of postrevolutionary marriage and family attitudes in Iran. 7(1), 3-27.
- Tichenor, V. (2013). The balance of power in most marriages reflects the ideology of separate spheres. 407.
- Trice, A. G. (2004). Mixing it up: International graduate students' social interactions with American students. 45(6), 671-687.
- Vaezi, B., Pour-Aboughadareh, A., Mehraban, A., Hossein-Pour, T., Mohammadi, R., Armion, M., & Dorri, M. (2018). The use of parametric and non-parametric measures for selecting stable and adapted barley lines. *Archives of Agronomy and Soil Science*, 64(5), 597-611.
- Vannier, S. A., & O'Sullivan, L. F. (2018). Great expectations: Examining unmet romantic expectations and dating relationship outcomes using an investment model framework. *Journal of Social and Personal Relationships*, 35(8), 1045-1066.
- Wardle, L. D. (2016). Marriage is the Best Measure of Society's Commitment to Child Well-being. *BYU Law Research Paper*(16-17).
- Webster, G. D., Laurenceau, J.-P., Smith, C. V., Mahaffey, A. L., Bryan, A. D., & Brunell, A. B. (2015). An investment model of sociosexuality, relationship satisfaction, and commitment: Evidence from dating, engaged, and newlywed couples. *Journal of Research in Personality*, 55, 112-126.
- Weigel, D. J., & Ballard-Reisch, D. S. (2014). Constructing commitment in intimate relationships: Mapping interdependence in the everyday expressions of commitment. *Communication Research*, 41(3), 311-332.
- Whitton, S. W., Stanley, S. M., Markman, H. J., & Johnson, C. A. (2013). Attitudes toward divorce, commitment, and divorce proneness in first marriages and remarriages. *Journal of marriage and family*, 75(2), 276-287.
- Williams, B., Onsman, A., & Brown, T. (2010). Exploratory factor analysis: A five-step guide for novices. 8(3).
- Wright, K. B. J. J. o. c.-m. c. (2005). Researching Internet-based populations: Advantages and disadvantages of online survey research, online questionnaire authoring software packages, and web survey services. *10*(3), JCMC1034.
- Yaacob, S. N., Vaez, E., & Juhari, R. (2015). Addressing the Problems Faced by Married International Students. 4(1), 24770.
- Yaacob, S. N., Vaez, E., & Juhari, R. (2015). *Addressing the Problems Faced by Married International Students*. Journal of Educational, Health and Community Psychology, 4(1), 29-40.

- Yektafar-Hooshvar, G. (2016). The Influence of Acculturation on Meanings of Marriage for Iranian-American Women.
- Yodanis, C., Schramm, M., & Czekajlo, C. (2015). All Our Stuff: Families and Consumption. *Sociology Compass*, *9*(10), 910-919.
- Zaheri, F., Dolatian, M., Shariati, M., Simbar, M., Ebadi, A., & Azghadi, S. B. H. J. E. p. (2016). Effective factors in marital satisfaction in perspective of Iranian women and men: A systematic review. *8*(12), 3369.
- Zaidi, A. U., & Shuraydi, M. J. J. o. C. F. S. (2002). Perceptions of arranged marriages by young Pakistani Muslim women living in a Western society. *33*(4), 495-514.
- Zipp, J. F., Prohaska, A., & Bemiller, M. (2004). Wives, husbands, and hidden power in marriage. *Journal of Family Issues*, 25(7), 923-948.