In the Name of God The Most Compassionate, The Most Merciful

14/140



Shahid Bahonar University of Kerman

Faculty of Letters and Humanities

English Language Department

The Relationship Between Extraversion/Introversion and Iranian EFL Learners' Language Learning Strategies

Preferences

Supervisor:

Dr. J. Langroudi

Advisor:

Dr. M. Shariati

Prepared by:

Amir Hamid Forough Ameri

A Thesis Submitted as a Partial Fulfillment of the Requirements for the Degree of Master of Science in Teaching English as a Foreign Language

(M.Sc.)

June 2009



دانشکده ادبیات و علوم انسانی گروه زبان انگلیسی

پایان نامه تحصیلی برای دریافت درجه کارشناسی ارشد آ موزش زبان انگلیسی

ارتباط بین برون گرایی/درون گرایی و استفاده زبان آموزان ایرانی از راهکارهای یادگیری زبان خارجه

> استاد راهنما: دكتر جهانبخش لنگرودى

> > استاد مشاور: دکتر محمد شریعتی

•

مولف:

امير حميد فروغ عامرى

17X9/4/1 Y

تيرماه ١٣٨٨

مید وجود این دارگ می داد شد و میاده این دارگ

('

12010



Shahid Bahonar University of Kerman

Faculty of Letters and Humanities

English Language Department

Hereby, we recommend that this thesis submitted by *Amir Hamid Forough Ameri* be accepted as a partial fulfillment of the requirements of the degree of Master of Science in Teaching English as a Foreign Language (M.Sc.).

Committee Members:

Supervisor: Dr. Langrudi

Advisor: Dr. Shariati

Referee: Dr. Sharifi Moghaddam

Referee: Dr. Sharififar

J. Langrandi M. Sharifi M. M. Sharifi M.

Head of Department:

H. Zahedi

Dr. Hamid Zahedi

To My Father and Mother

Who Have Supported Me Enthusiastically

All the Way Since the Beginning of My Studies, and

Who have Been My Great Sources of Motivation and Inspiration.

ACKNOWLEDGEMENTS

First of all, I would like to gratefully acknowledge the enthusiastic supervision of Dr. Langroudi who provided me with many helpful suggestions and important pieces of advice during this work.

I also wish to express my genuine appreciation to Dr Shariati, my advisor, who made many valuable suggestions and constructive pieces of advice during the course of this work.

I would also like to express my heartfelt thanks to Mr. Homayoonfar and all other people without whose cooperation the present thesis could not have been carried out.

Finally and most importantly, my special appreciation goes to my parents who always kept me away from family responsibilities and encouraged me to concentrate on my study. I am forever indebted to them for their endless patience and encouragement when it was most required.

ABSTRACT

The present study is an attempt to explore any significant relationships between extraversion/introversion and the frequency and type of language learning strategies (LLS) Iranian EFL learners use, and to seek any significant differences between males and females regarding extraversion/introversion and LLS use. One hundred Iranian EFL students studying at the departments of foreign languages of Kerman universities, namely Shahid Bahonar university and Azad university, took part in this study. These students, including both males and females, were randomly selected from among junior and senior students majoring in English Translation and English Literature. In order to obtain the required data, two questionnaires were utilized: Eysenck Personality Questionnaire (EPQ) to measure extraversion/ introversion, and the Strategy Inventory for Language Learning (SILL) to determine the type and frequency of language learning strategies. The findings of this study revealed that first, there was a significant relationship between extraversion/introversion and the frequency of students' language learning strategies use: the more extraverted the students, the higher their scores of LLS; second, there was a significant relationship between extraversion/introversion and three types of language learning strategies that the students used: the more extraverted the students, the higher their scores of Cognitive, Metacognitive, and Social strategies; third, there was no significant difference between males and females regarding the frequency of their LLS use, and finally, there was a significant difference between males and females regarding their extraversion/introversion, i.e., females were more extraverted than males.

KEYWORDS: Extraversion/introversion, language learning strategies (LLS), Gender, Eysenck Personality Questionnaire (EPQ), Strategy Inventory for Language Learning (SILL).

TABLE OF CONTENTS

Dedications	٤V
Acknowledgements	.V
Abstract	VI
List of Tables	XI
List of FiguresXI	\mathbf{II}
List of Abbreviations	W
Chapter One: Introduction	1
1.1. Overview	. 1
1.2. Statement of the Problem	4
1.3. Objectives of the Study	7
1.4. Significance of the Study	8
1.5. Theoretical Framework of the Study	10
1.6. Research Questions	13
1.7. Limitations of the Study	14
1.8. Operational Definitions of Terms	15
Chapter Two: The Review of Literature1	7
2.1. Introduction	17
2.2. Personality and Individual Differences	17
2.3. Personality Theories and Models.	19

2.3.1. The Big Five Model	19
2.3.2. Jung's Theory of Personality	21
2.3.3. Myers-Briggs Type Indicator (MBTI)	22
2.3.4. Eysenck's Three-Factor Model (Pen Model)	23
2.4. Extraversion/Introversion.	26
2.4.1. Biological Basis	29
2.4.2. Research on Extraversion/Introversion	31
2.5. Language Learning Strategies	33
2.5.1. Definitions of Language Learning Strategies	34
2.5.2. Taxonomies of Language Learning Strategies	38
2.5.3. Characteristics of Language Learning Strategies	44
2.5.4. Language Learning Strategies Training	46
2.5.5. Language Learning Strategies Assessment	49
2.5.5.1. Observation	49
2.5.5.2. Interviews and Think-aloud Procedure	50
2.5.5.3. Diaries or Journals	51
2.5.5.4. Self-Report Surveys	52
2.5.5.5. Multiple Methods of Gathering Data	53
2.5.6. Research on Language Learning Strategies	53
2.6. Research on the Relationship Between Extraversion/Introversion and	
Language Learning Strategies	66
2.7. Descends on the Effect of Gorden on Language Learning Strategy Ha	65

Chapter Three: Methodology	70
3.1. Introduction	70
3.2. Participants	70
3.3. Instruments	71
3.3.1. The Strategy Inventory for Language Learning (SILL)	72
3.3.2. Eysenck Personality Questionnaire (EPQ)	75
3.4. Data Collection Procedures	76
3.5. Data Analysis Procedures	78
3.6. Design of the Study	78
Chapter Four: Results and Discussions	80
4.1. Introduction	80
4.2. Descriptive Statistics.	81
4.2.1. Gender	81
4.2.2. Learners' Language Learning Strategies (Based on SILL)	82
4.2.2.1. Memory Strategies	84
4.2.2.2. Cognitive Strategies	86
4.2.2.3. Compensation Strategies	88
4.2.2.4. Metacognitive Strategies	90
4.2.2.5. Affective Strategies	92
4.2.2.6. Social Strategies	94
4.2.3. Extraversion/Introversion	98
4.3. Analysis of the Relationship Between Extraversion/Introversion and	
Learners' Frequency of Language Learning Strategies	100

4.4. Analysis of the Relationship Between Extraversion/Introversion and	
Learners' Type of Language Learning Strategies Use	104
4.4.1. Analysis 1	104
4.4.2. Analysis 2	105
4.4.3. Analysis 3	107
4.4.4. Analysis 4	109
4.4.5. Analysis 5	110
4.4.6. Analysis 6	112
4.5. Analysis of the Difference Between Males and Females Regarding th	.e
Frequency of Language Learning Strategies	114
4.6. Analysis of the Difference Between Males and Females Regarding	
Extraversion/Introversion	116
Chapter Five: Conclusion	118
5.1. Introduction	118
5.2. Summary of the Study	118
5.3. Discussion	119
5.4. Implications for Teaching	123
5.5. Suggestions for Further Research.	126
References	128
Appendix (A)	140
Appendix (B)	143
Appendix (C)	146

LIST OF TABLES

Tables Page
Table 4.1. The Frequency Distribution of the Students' Gender
Table 4.2. The Frequency Distribution and Descriptive Statistics of the Students'
LLS Use83
Table 4.3. The Frequency Distribution and Descriptive Statistics of the Students'
Memory Strategies Use
Table 4.4. The Frequency Distribution and Descriptive Statistics of the Students'
Cognitive Strategies87
Table 4.5. The Frequency Distribution and Descriptive Statistics of the Students'
Compensation Strategies Use
Table 4.6. The Frequency Distribution and Descriptive Statistics of the Students'
Metacognitive Strategies Use91
Table 4.7. The Frequency Distribution and Descriptive Statistics of the Students'
Affective Strategies Use93
Table 4.8. The Frequency Distribution and Descriptive Statistics of the Students'
Social Strategies Use95
Table 4.9. The Descriptive Statistics of the Students' LLS Preferences96
Table 4.10. The Frequency Distribution and Descriptive Statistics of the
Students' Extraversion/Introversion
Table 4.11. The Statistics of Pearson and Spearman Correlation Coefficients
Between Extraversion/Introversion and Language Learning Strategies101

Table 4	4.12. T	he Statistic	cs of T	Γ-test to Cor	npare the Me	ans of LLS U	se in two
Groups of Extraverts and Introverts							
Table	4.13.	Pearson	and	Spearman	Correlation	Coefficients	Between
Extrave	ersion/I	ntroversion	and N	Memory Stra	tegies	••••••	104
Table	4.14.	Pearson	and	Spearman	Correlation	Coefficients	Between
Extrave	ersion/Ir	ntroversion	and C	Cognitive Str	ategies	•••••	106
Table	4.15.	Pearson	and	Spearman	Correlation	Coefficients	Between
Extrave	ersion/Ir	ntroversion	and C	Compensation	n Strategies	•••••	108
Table	4.16.	Pearson	and	Spearman	Correlation	Coefficients	Between
Extraversion/Introversion and Metacognitive Strategies							
Table	4.17.	Pearson	and	Spearman	Correlation	Coefficients	Between
Extraversion/Introversion and Affective Strategies							
Table	4.18.	Pearson	and	Spearman	Correlation	Coefficients	Between
Extraversion/Introversion and Social Strategies							
Table 4	4.19. Th	ne Statistic	s of T	T-test to Con	npare the Mea	ans of LLS U	se in two
Groups of Males and Females							
Table 4.20. The Statistics of T-test to Compare the Means of Extraversion							
/Introversion in two Groups of Males and Females							

LIST OF FIGURES

Figures Page
Figure 4.1. The Percentage of the Students' Gender Status81
Figure 4.2. The Percentage of the Students' LLS Use83
Figure 4.3. Descriptive Statistics of the Students' LLS Use84
Figure 4.4. The Percentage of the Students' Memory Strategies Use85
Figure 4.5. Descriptive Statistics of the Students' Memory Strategies Use86
Figure 4.6. The Percentage of the Students' Cognitive Strategies Use87
Figure 4.7. Descriptive Statistics of the Students' Cognitive Strategies Use88
Figure 4.8. The Percentage of the Students' Compensation Strategies Use89
Figure 4.9. Descriptive Statistics of the Students' Compensation Strategies
Use90
Figure 4.10. The Percentage of the Students' Metacognitive Strategies Use91
Figure 4.11. Descriptive Statistics of the Students' Metacognitive Strategies
Use92
Figure 4.12. The Percentage of the Students' Affective Strategies Use93
Figure 4.13. Descriptive Statistics of the Students' Affective Strategies Use94
Figure 4.14. The Percentage of the Students' Social Strategies Use95
Figure 4.15. Descriptive Statistics of the Students' Social Strategies Use96
Figure 4.16. The Comparison of the Distribution of Different Categories of
LLS98
Figure 4.17. The Percentage of the Students' Extraversion/Introversion99

Figure 4.18. Descriptive Statistics of the Students' Extraversion/Introversion100								
Figure	4.19.	The	Scatter	diagram	for	Correlation	Between	Extraversion/
Introve	sion ar	nd Lar	iguage L	earning St	rateg	ies	• • • • • • • • • • • • • • • • • • • •	102
Figure	4.20. E	Box Pl	ot to Co1	mpare the	Distr	ibution of Ll	LS Use in	two Groups of
Extrave	rts and	Intro	verts	• • • • • • • • • • • • • • • • • • • •	••••	• • • • • • • • • • • • • • • • • • • •	•••••	103
Figure	4.21.	The	Scatter	Diagram	for	Correlation	Between	Extraversion/
Introver	sion ar	nd Me	mory Str	ategies	• • • • •	•••••		105
Figure	4.22.	The	Scatter	Diagram	for	Correlation	Between	Extraversion/
Introver	rsion ar	nd Cog	gnitive St	trategies	••••		• • • • • • • • • • • • • • • • • • • •	107
Figure	4.23.	The	Scatter	Diagram	for	Correlation	Between	Extraversion/
Introver	rsion ar	d Cor	npensatio	on Strategi	es	•••••		108
Figure	4.24.	The	Scatter	Diagram	for	Correlation	Between	Extraversion/
Introver	rsion ar	id Me	tacogniti	ve Strategi	.es		••••••	110
Figure	4.25.	The	Scatter	Diagram	for	Correlation	Between	Extraversion/
Introver	sion an	d Aff	ective St	rategies		•••••	• • • • • • • • • • • • • • • • • • • •	112
Figure	4.26.	The	Scatter	Diagram	for	Correlation	Between	Extraversion/
Introver	sion an	d Soc	ial Strate	gies		• • • • • • • • • • • • • • • • • • • •	••••••	114
Figure 4.27. Box Plot to Compare the Distribution of LLS Use in two Groups of								
Males a	nd Fem	ales	••••	• • • • • • • • • • • • • • • • • • • •	••••		• • • • • • • • • • • • • • • • • • • •	115
Figure 4.28. Box Plot to Compare the Distribution of the Scores of Extraversion/								
Introven	sion in	tavo (France of	Malag on	1 Ear	malaa		117

LIST OF ABBREVIATIONS

ARAS	Ascending Reticular Activating System
CFA	
EFL	English as a Foreign Language
EPI	Eysenck Personality Inventory
EPQ	Eysenck Personality Questionnaire
ESL	English as a Second Language
GLL	
GPA	Grade Point Average
ID	
LLS	Language Learning Strategies
MBTI	Myers-Briggs Type Indicator
SILL	Strategy Inventory for Language Learning

Chapter One: Introduction

1.1. Overview

Different Language teaching methods and techniques were first introduced to the area of language teaching and learning in the early 1970s. Since then, researchers have tried to investigate various methods in order to find out the best methods and techniques for language teaching. However, such efforts did not prove effective to boost the learners' language learning. As Brown (2000) noted "no single research finding and no single method of language teaching would usher in an era of universal success in teaching a second language" (p. 123). He also noticed that some learners seemed to be totally successful regardless of specific methods or techniques of teaching. Therefore, the importance of individual-learner variables such as motivation, attitude, aptitude, learning styles, language learning strategies (LLS), sex, age, and personality type factors such extraversion/introversion language learning in as significance. Generally, as Sharp (n.d.) has noted, in order to provide successful instruction, teachers need to learn to identify and understand their students' individual differences such as their personality type.

Studies concerning psychological aspects of learning dates back to humanistic psychology. One of the pioneers in this field is Carl Rogers (1902-1987). From his viewpoint, although cognitive and physical aspects of human beings are important, affective aspect of the individual takes precedence over other aspects (Brown, 2000).

However, language learning strategies have been investigated much more than other variables in the literature. The reason behind this fact might be "the mediating role of learning strategies" in language learning (Ellis, 1994, p. 529). Language learning strategies have often been studied in relation to several other variables that affect them such as gender, achievement, motivation, culture, learning styles, and personality type factors, etc.

According to Nunan (1999), "knowledge of strategies is important, because the greater awareness you have of what you are doing, if you are conscious of the processes underlying the learning that you are involved in, then learning will be more effective" (p. 171). Oxford (2002) has stated that proper use of language learning strategies, including hundreds of behaviors results in better L2 proficiency in general, or language skill areas in particular.

Moreover, Oxford (1989a) has offered several studies investigating the relationship between various variables and choice of language learning strategies. The variables she studied included the language being learned, degree of awareness, age, sex, and affective variables such as attitudes, motivational level, and personality characteristics. Hence, personality type variables have often been considered as possibly affecting learners' choice of LLS.

In 1994, Ellis classified individual learner differences affecting the strategy choice in terms of "(1) attitudes, (2) affective states, and (3) general factors" (p. 540). Among such general factors as age, sex, personality type, motivation, personal background, etc., "it is intuitively appealing to hypothesize a close relationship between personality types and strategy choice" (Ellis, 1994, p. 542). In addition, in Eysenck's (as cited in Ellis, 1994) theory there are three main dimensions or traits which together build an individual's affective aspect or personality type: extraversion/introversion, neurotic/stable, and psychotic/normal.

Therefore, the purpose of the present study is to explore the relationship between extraversion/introversion as well as gender and the frequency and type of language learning strategies Iranian EFL learners use. In other words, in order to achieve more objective and

more specified results, the present study focuses on just one personality factor, namely extraversion/introversion together with another factor, namely gender as possibly correlating with learners' LLS choices.

1.2. Statement of the Problem

Today learning English as an international language is an absolute necessity. Different people need English for different purposes. Some people such as businessmen need it to communicate with native English speakers for commercial purposes. Others need to use English for academic purposes to pursue their studies abroad. Still other people use English for such purposes as using Internet, traveling, etc.

In Iran, most people who want to learn English go to language institutes most of which do not provide language learners with necessary language learning strategies to help them learn better and more effectively. Language learning strategies are among individual-difference variables that play a significant role in foreign or second language learning (Skehan, 1989). According to Chamot and Kupper (as cited in Purdie & Oliver, 1999) it appears that all language learners use language learning strategies of some type, but the frequency and type of their use varies among different learners. However, as mentioned earlier, other individual-difference variables such as gender