Exploring the Influence of Environmental, Social, and Individual Factors on the Entrepreneurial Intentions of Emirati University Students.

Appendix 1.
VARIABLES CONSTRUCTION

Intention (INT):

Question	Variable name
I want to start my own business	I1
I prefer to work for a large company, for better career prospects (reversed)	I2
I seriously consider entrepreneurship as a career option	I3
I can earn more money working for someone else (reversed)	I4
I would become an entrepreneur, if a suitable opportunity appeared	I5
I have many ideas for business ventures	I6
I am constantly alert to business opportunities	I7

Attitude (ATT):

Question	Variable name
Entrepreneurship provides an individual the opportunity for financial independence	A1
Entrepreneurs May improve one's quality of life	A2
Entrepreneurs Raises one's standard of living.	A3
Entrepreneurs are comfortable taking risks.	A4
Entrepreneurial opportunities are essential elements of my everyday life.	A5
Entrepreneurs are largely responsible for new innovations, technologies and products	A6
I would like to utilize my education in my own enterprise.	A7
As an entrepreneur I can take responsibility for my work.	A8
I would become an entrepreneur, if a suitable opportunity appeared	A9
Entrepreneurship is interesting and challenging	A10

Subjective Norms (SN):

Question	Variable name
My family and close friends support entrepreneurs (1-5)	SN1
My local community supports entrepreneurs	SN2
An entrepreneur has the chance to be independent, his/her own master	SN3
My income level is better as an entrepreneur than in a paid work	SN4
As an entrepreneur the quality of life is better than if I would work in a paid job	SN5
As an entrepreneur I can make independent decisions	SN6
Entrepreneurship affects the country's economy positively	SN7

Entrepreneurship increases job opportunities in the country	SN8
Entrepreneurs have a positive image within society and the community	SN9
Entrepreneurial opportunities are integral parts of the social, political, and demographic changes of the population	SN10
Entrepreneur frequently makes a difference in the world	SN11
An entrepreneur holds an esteemed position in society (1-5)	SN12
Entrepreneurship is an honorable profession	SN13
Has the ability to change the way people think about the world	SN14

Self-Efficacy (SE):

Question	Variable name
I have no practical skills for running a business (reversed)	SE1
My education does not support becoming an entrepreneur (reversed)	SE2
I know market research techniques	SE3
I know about market threats	SE4
I know how to finance a business	SE5
I am able to prepare a business plan	SE6
I have good understanding of intellectual property	SE7
I understand what is meant by equity finance	SE8
I have many ideas for business ventures	SE9
I am constantly alert to business opportunities	SE10
I need good connections to start a new business	SE11

Obstacles - Fear-of-Failure- (OBT):

Question	Variable name
I fear that I will fail if I start a new business	O1
Personal financial instability	O2
Financing an enterprise is too expensive	O3
Entrepreneurship takes all of the time, and there is not enough time left for the family or my own hobbies.	O4
Need for job security	O5
Current economic atmosphere not conducive	O6
I have no practical skills for running a business	O7
As an entrepreneur I cannot develop myself enough	O8
I do not want to be responsible for the enterprise and its employees.	O9
My education does not support becoming an entrepreneur	O10

University Support -University Opportunity Feasibility- (US):

Question	Variable name
The university offers mentorship on how to start a business	US1

The university offers small finances to encourage entrepreneurship	US2
The university interacts highly with businesses to encourage entrepreneurial activities	US3
The university seeks private sector financial support for students' entrepreneurs	US4
Entrepreneurial or business related examples are included in classes	US5
The university encourages entrepreneurship across all majors	US6
The university offers support programs to students to start a business	US7
The university offers Entrepreneurship education to students.	US8
The university offers a wide range of training programs	US9
I am aware of programs offered at the university to help and support students to start a business	US10
I believe now is the best time to think about starting a business	US11
The university increased science and technology examples taught in class to help generate new business ideas	US12
The university provides platforms to show case students businesses	US13
The university is doing well in encouraging entrepreneurial activities among students	US14
Do you think that the education you are gaining at university enhances your entrepreneurship skills ?	US15

Country Support -Country Opportunity Feasibility- (CS):

Question	Variable name
The UAE is an excellent country to start a business	CS1
My local community supports entrepreneurs	CS2
It is easy to raise the money needed to start a new business in the UAE	CS3
Assistance is easily available in the country to help start a new business	CS4
The government offers many programs to help people start new businesses	CS5

Appendix 2. Factor Analysis, Sampling adequacy and Cronbach's Alpha

Intention (INT):

Factor loadings (pattern matrix) and unique variances

Variable	Factor1	F2	F3	F4	F5	F6	Uniqueness
I1	0.70	0.26	-0.22	-0.16	-0.07	-0.04	0.36
I2	-0.34	0.47	0.18	0.02	-0.10	-0.05	0.62
I3	0.68	0.08	-0.09	0.11	-0.17	0.08	0.48
I4	-0.42	0.44	-0.01	-0.03	0.13	0.07	0.61
I5	0.60	0.12	-0.26	0.13	0.16	-0.03	0.51
I6	0.80	-0.03	0.24	-0.21	0.07	0.03	0.26
I7	0.73	0.08	0.33	0.17	0.04	-0.02	0.32

LR test: independent vs. saturated: chi2(21) = 617.57 Prob>chi2 = 0.0000

Kaiser-Meyer-Olkin measure of sampling adequacy

Variable	kmo
I1	0.82
I2	0.75
I3	0.87
I4	0.80
I5	0.86
I6	0.80
I7	0.80
Overall	0.82

Scale reliability (alpha) coefficient: 0.79

Attitude (ATT):

Factor loadings (pattern matrix) and unique variances

Variable	Factor1	F2	F3	F4	F5	F6	F7	F8	F9	Uniqueness
A1	0.75	-0.46	-0.06	0.04	-0.09	0.16	-0.07	0.04	0.01	0.18
A2	0.79	-0.46	-0.07	-0.11	-0.02	-0.03	0.12	-0.04	-0.03	0.12
A3	0.76	-0.52	-0.14	0.11	0.08	-0.14	-0.05	0.01	0.01	0.10
A4	0.38	-0.06	0.38	0.12	0.14	0.14	0.03	-0.02	-0.01	0.65
A5	0.63	0.13	0.33	0.11	-0.10	-0.09	-0.08	-0.06	-0.01	0.43
A6	0.61	0.08	0.38	-0.11	0.02	-0.07	0.06	0.07	0.02	0.46
A7	0.75	0.38	-0.10	0.11	-0.25	0.01	0.05	0.03	-0.01	0.21
A8	0.79	0.34	-0.10	-0.11	0.15	-0.02	-0.08	0.04	-0.03	0.20
A9	0.68	0.38	-0.24	0.19	0.14	0.02	0.07	-0.02	0.02	0.27
A10	0.82	0.22	-0.07	-0.24	-0.02	0.06	-0.03	-0.06	0.03	0.20

LR test: independent vs. saturated: chi2(45) = 2017.75 Prob>chi2 = 0.0000

Kaiser-Meyer-Olkin measure of sampling adequacy

Variable	kmo
A1	0.89
A2	0.85

A3	0.83
A4	0.90
A5	0.93
A6	0.92
A7	0.90
A8	0.89
A9	0.88
A10	0.90
Overall	0.88

Scale reliability (alpha) coefficient: 0.89

Subjective Norms (SN):
Factor loadings (pattern matrix) and unique variances

Variable	Factor1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	Uniqueness
SN1	0.66	-0.01	0.55	-0.15	0.03	-0.05	0.07	-0.05	-0.10	-0.10	0.10	0.01	0.00	0.20
SN2	0.69	-0.15	0.57	-0.10	0.06	-0.06	-0.02	0.04	0.04	0.11	-0.11	-0.02	0.01	0.13
SN3	0.76	0.21	0.11	0.30	-0.18	-0.10	-0.21	0.03	0.09	0.00	0.00	-0.01	-0.02	0.18
SN4	0.57	0.54	-0.09	-0.13	0.09	-0.04	0.04	-0.01	0.15	-0.15	-0.07	-0.02	0.01	0.29
SN5	0.59	0.63	-0.07	-0.13	0.22	0.14	0.00	0.04	-0.04	0.09	0.03	0.04	-0.01	0.15
SN6	0.70	0.32	-0.18	-0.04	-0.22	-0.20	0.06	0.04	-0.08	0.14	0.07	-0.03	0.01	0.26
SN7	0.71	-0.24	-0.14	-0.26	-0.16	0.14	0.07	-0.12	0.09	0.03	0.02	-0.07	-0.01	0.27
SN8	0.76	-0.29	-0.14	-0.21	-0.25	0.04	-0.08	0.12	0.05	-0.07	0.03	0.07	0.01	0.18
SN9	0.55	-0.12	0.10	0.24	0.01	0.27	0.15	0.14	0.08	0.06	0.01	0.01	0.01	0.50
SN10	0.68	-0.21	-0.16	0.03	0.11	-0.08	0.03	-0.22	0.05	0.09	-0.04	0.07	0.00	0.38
SN11	0.75	-0.25	-0.27	-0.13	0.19	0.02	-0.15	0.10	-0.16	-0.01	-0.07	-0.03	0.00	0.18
SN12	0.72	0.15	0.04	0.23	-0.12	0.21	-0.06	-0.16	-0.15	-0.06	-0.03	-0.01	0.01	0.29
SN13	0.69	-0.13	-0.17	0.19	-0.01	-0.15	0.25	0.06	-0.07	-0.08	-0.06	0.00	-0.01	0.34
SN14	0.67	-0.28	-0.10	0.16	0.33	-0.08	-0.06	0.00	0.08	-0.03	0.13	-0.03	0.01	0.30

LR test: independent vs. saturated: chi2(91) = 2517.04 Prob>chi2 = 0.0000

Kaiser-Meyer-Olkin measure of sampling adequacy

Variable	kmo
SN1	0.84
SN2	0.84
SN3	0.91
SN4	0.86
SN5	0.81
SN6	0.91

SN7	0.92
SN8	0.90
SN9	0.94
SN10	0.95
SN11	0.90
SN12	0.93
SN13	0.94
SN14	0.92
Overall	0.90

Scale reliability (alpha) coefficient: 0.92

Self-Efficacy (SE):
Factor loadings (pattern matrix) and unique variances

Variable	Factor1	F2	F3	F4	F5	F6	F7	F8	F9	F10	Uniqueness
SE1	-0.05	0.53	0.46	0.19	-0.12	-0.11	0.10	-0.12	-0.01	-0.01	0.42
SE2	-0.06	0.51	0.42	-0.03	0.16	0.15	0.05	0.17	0.00	0.01	0.48
SE3	0.72	0.33	-0.18	-0.09	-0.07	-0.11	0.14	0.08	-0.04	-0.07	0.28
SE4	0.63	0.37	-0.21	-0.09	0.01	-0.18	0.07	0.06	0.08	0.06	0.36
SE5	0.79	0.34	-0.17	0.08	0.11	0.20	0.05	-0.18	0.03	0.00	0.14
SE6	0.72	0.38	0.00	-0.05	0.03	0.04	-0.27	0.01	-0.11	0.01	0.24
SE7	0.60	-0.29	0.15	0.37	0.15	-0.21	-0.12	0.02	0.02	-0.01	0.32
SE8	0.55	-0.31	-0.07	0.36	-0.16	0.20	0.09	0.11	0.00	0.01	0.39
SE9	0.63	-0.24	0.28	-0.22	-0.12	0.07	-0.11	0.00	0.14	-0.03	0.37
SE10	0.64	-0.44	0.25	-0.19	-0.26	-0.03	0.08	-0.03	-0.09	0.03	0.21
SE11	0.43	-0.45	0.14	-0.13	0.44	-0.01	0.13	-0.03	-0.03	0.00	0.37

LR test: independent vs. saturated: chi2(55) = 1309.88, Prob>chi2 = 0.0000

Kaiser-Meyer-Olkin measure of sampling adequacy

Variable	kmo
SE1	0.59
SE2	0.61
SE3	0.85
SE4	0.86
SE5	0.83
SE6	0.85
SE7	0.84
SE8	0.81
SE9	0.82
SE10	0.78

SE11	0.76
Overall	0.81

Scale reliability (alpha) coefficient: 0.79

Obstacles (OBT):
Factor loadings (pattern matrix) and unique variances

Variable	Factor1	F2	F3	F4	F5	F6	F7	F8	F9	Uniqueness
O1	0.54	-0.03	0.31	-0.20	0.10	0.14	0.04	-0.02	0.01	0.54
O2	0.62	-0.46	0.17	0.03	-0.05	-0.18	0.02	0.08	-0.01	0.33
O3	0.73	-0.52	-0.10	-0.16	0.16	-0.08	0.00	-0.05	-0.01	0.13
O4	0.72	0.16	-0.25	-0.08	-0.14	0.13	0.10	0.00	-0.03	0.33
O5	0.63	-0.46	-0.05	0.18	-0.20	0.00	0.01	-0.06	0.02	0.32
O6	0.61	-0.09	-0.25	0.04	0.17	0.12	-0.11	0.06	0.02	0.50
O7	0.64	0.07	0.22	0.23	0.02	0.17	-0.06	-0.01	-0.02	0.45
O8	0.66	0.53	-0.02	0.06	0.09	-0.19	-0.08	-0.05	-0.01	0.23
O9	0.70	0.41	0.06	-0.18	-0.21	-0.04	-0.08	0.02	0.01	0.25
O10	0.58	0.39	-0.01	0.12	0.12	-0.06	0.18	0.02	0.02	0.45

LR test: independent vs. saturated: chi2(45) = 1378.47 Prob>chi2 = 0.0000

Kaiser-Meyer-Olkin measure of sampling adequacy

Variable	kmo
O1	0.90
O2	0.83
O3	0.81
O4	0.90
O5	0.86
O6	0.91
O7	0.92
O8	0.82
O9	0.85
O10	0.89
Overall	0.86

Scale reliability (alpha) coefficient: 0.86

University Support (US):
Factor loadings (pattern matrix) and unique variances

Variable	Factor1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	Uniqueness

US1	0.82	-0.10	-0.26	0.08	0.03	0.21	0.06	0.13	-0.13	0.01	-0.04	-0.02	0.01	0.00	0.16
US2	0.77	0.50	-0.14	-0.01	-0.15	0.01	-0.05	0.10	-0.02	-0.08	0.07	-0.01	0.00	-0.02	0.10
US3	0.82	-0.11	-0.09	0.21	-0.08	0.09	-0.23	-0.12	-0.02	0.02	0.02	0.00	0.00	0.02	0.18
US4	0.76	0.42	0.13	0.27	0.01	0.01	0.01	-0.01	0.13	0.03	-0.07	0.02	0.00	0.00	0.14
US5	0.79	-0.09	-0.09	0.22	0.22	-0.23	0.10	0.01	-0.01	0.03	-0.02	-0.02	0.02	-0.01	0.19
US6	0.80	-0.11	-0.14	-0.15	0.07	-0.19	-0.14	0.14	0.03	-0.07	-0.04	0.01	-0.02	0.02	0.22
US7	0.86	0.06	-0.07	-0.12	-0.03	-0.03	0.06	-0.06	-0.10	0.18	-0.04	0.02	-0.03	-0.01	0.18
US8	0.86	-0.21	-0.14	-0.06	0.23	0.12	-0.02	-0.10	0.10	-0.06	0.07	0.02	-0.01	-0.02	0.10
US9	0.82	0.07	0.18	-0.27	0.02	-0.02	-0.12	0.02	0.05	0.13	0.04	-0.03	0.03	0.00	0.18
US10	0.70	0.21	-0.15	-0.19	-0.03	-0.01	0.18	-0.16	0.03	-0.07	0.00	-0.02	0.00	0.02	0.34
US11	0.39	0.16	0.31	-0.04	0.26	0.15	0.05	0.09	-0.05	-0.02	0.03	0.03	0.00	0.01	0.62
US12	0.78	-0.06	0.24	0.03	-0.07	-0.13	0.00	-0.08	-0.18	-0.09	0.03	0.03	0.01	-0.01	0.26
US13	0.79	-0.26	0.32	0.10	-0.13	0.01	0.08	0.04	0.05	0.00	0.07	-0.04	-0.03	0.00	0.16
US14	0.87	-0.26	0.11	-0.09	-0.18	0.08	0.06	0.03	0.07	-0.06	-0.13	0.02	0.02	-0.01	0.09
US15	0.19	-0.14	-0.18	0.07	-0.14	-0.03	0.11	0.09	0.07	0.07	0.12	0.05	0.02	0.01	0.84

LR test: independent vs. saturated: chi2(105) = 3785.03 Prob>chi2 = 0.0000

Kaiser-Meyer-Olkin measure of sampling adequacy

Variable	kmo
US1	0.95
US2	0.89
US3	0.96
US4	0.91
US5	0.94
US6	0.96
US7	0.97
US8	0.94
US9	0.95
US10	0.95
US11	0.92
US12	0.97
US13	0.93
US14	0.94
US15	0.91
Overall	0.94

Scale reliability (alpha) coefficient: 0.94

Country Support (CS):
Factor loadings (pattern matrix) and unique variances

Variable	Factor1	F2	F3	F4	Uniqueness
CS1	0.74	0.45	-0.05	0.02	0.25
CS2	0.84	0.31	0.13	-0.01	0.18
CS3	0.72	-0.34	0.11	0.04	0.35
CS4	0.90	-0.29	-0.01	-0.04	0.11
CS5	0.86	-0.10	-0.16	0.01	0.23

LR test: independent vs. saturated: chi2(10) = 1096.96, Prob>chi2 = 0.0000

Kaiser-Meyer-Olkin measure of sampling adequacy

Variable	kmo
CS1	0.77
CS2	0.80
CS3	0.84
CS4	0.78
CS5	0.85
Overall	0.81

Scale reliability (alpha) coefficient: 0.89