RESEARCH ON FACTORS AFFECTING GREEN ENTREPRENEURSHIP INTENTION OF UNIVERSITY STUDENTS IN HO CHI MINH CITY

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Appendix 1. Scales used in the research

SCALE		SOURCE
GREEN ENTREPRENEURSHIP DESIRABILITY (GED)		Krueger (1993); Ramayah et al. (2019); Solesvik et al. (2014)
1	I really love implementing green entrepreneurship ideas.	
2	I feel confident when thinking about green entrepreneurship.	
3	I feel full of enthusiasm for green entrepreneurship.	
PERCEPTION OF GREEN ENTREPRENEURSHIP FEASIBILITY (PGEF)		Krueger (1993); Ramayah et al. (2019); Solesvik et al. (2014)
1	I believe I have the ability to carry out a green entrepreneurship project.	
2	I believe I have the ability to succeed in carrying out a green entrepreneurship project.	
3	I believe I am not overloaded (with work, time, etc.) when carrying out a green entrepreneurship project.	
4	I think I have the ability to start a green business.	
SEEKING FOR GREEN ENTREPRENEURSHIP OPPORTUNITIES (SGEO)		Ramayah et al. (2019); Solesvik et al. (2014)
1	I always try to find effective solutions for green entrepreneurship.	
2	I think green entrepreneurship are a potential opportunity in the business environment in Vietnam.	
3	I often think about how to turn ideas into green entrepreneurship opportunities.	
4	I think green entrepreneurship require the spirit of daring to think, daring to do, daring to take risks.	
GREEN ENTREPRENEURSHIP EDUCATIONAL SUPPORT (GEED)		Nguyen et al. (2022); Turker & Selcuk (2009)
1	My university offers courses on green entrepreneurship.	
2	My university equips me with the skills and knowledge needed to run a business.	
3	My university facilitates students to carry out projects related to green entrepreneurship.	
4	My university supports students to connect with businesses and organize activities related to green entrepreneurship.	
5	My university education helps me better understand the role of green entrepreneurs in society.	
GREEN ENTREPRENEURSHIP ENVIRONMENTAL SUPPORT (GEEN)		Lan et al. (2023); Turker & Selcuk (2009)
1	In Vietnam, green entrepreneurship projects are supported by both government and non-government organizations.	
2	Vietnam's current economic environment is favorable for green entrepreneurship.	

SCALE		SOURCE
3	In Vietnam, access to bank loans for green entrepreneurship projects is favorable.	
4	The State has policies to support the purchase of production equipment and other equipment for green entrepreneurship activities.	
PERCEPTION OF GREEN COMPETITIVE ADVANTAGE (PGCA)		Astuti & Datrini (2021)
1	Green entrepreneurship help businesses build a better environmentally friendly image.	
2	Green entrepreneurship help strengthen the capacity to research and develop environmentally friendly products.	
3	Green entrepreneurship contribute to creating differentiated products that help limit the possibility of copying from competitors.	
4	Products from green entrepreneurship are highly appreciated by customers.	
5	Green entrepreneurship help companies gain a special position that is not easily replaced by competitors.	
ENVIRONMENTAL VALUES (EV)		Yasir et al. (2023)
1	Green entrepreneurship helps me contribute to environmental protection.	
2	Green entrepreneurship requires me to care about the natural environment.	
3	Green entrepreneurship makes the world a better place.	
4	Green entrepreneurship helps bring more value to society through environmental responsibility.	
5	Green entrepreneurship is a job that both generates income and contributes to environmental protection.	
GREEN ENTREPRENEURSHIP INTENTION (GEI)		Lan et al. (2023); Ramayah et al. (2019)
1	My career goal is to become a green entrepreneur.	
2	I am willing to do whatever it takes to become a green entrepreneur.	
3	I am determined to create a green entrepreneurship business in the future.	
4	I have been thinking very seriously about starting a green entrepreneurship business.	

Appendix 2. Description of research sample

UNIVERSITY

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	74	19.2	19.2	19.2
	2	77	19.9	19.9	39.1
	3	74	19.2	19.2	58.3
	4	81	21.0	21.0	79.3
	5	80	20.7	20.7	100.0
	Total	386	100.0	100.0	

SEX

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	220	57.0	57.0	57.0
	2	166	43.0	43.0	100.0
	Total	386	100.0	100.0	

SCHOOL YEAR

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	60	15.5	15.5	15.5
	2	86	22.3	22.3	37.8
	3	149	38.6	38.6	76.4
	4	91	23.6	23.6	100.0
	Total	386	100.0	100.0	

FATHER'S OCCUPATION

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	65	16.8	16.8	16.8
	2	40	10.4	10.4	27.2
	3	112	29.0	29.0	56.2
	4	97	25.1	25.1	81.3
	5	72	18.7	18.7	100.0
	Total	386	100.0	100.0	

MOTHER'S OCCUPATION

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	21	5.4	5.4	5.4
	2	48	12.4	12.4	17.9
	3	114	29.5	29.5	47.4
	4	93	24.1	24.1	71.5
	5	110	28.5	28.5	100.0
	Total	386	100.0	100.0	

Appendix 3. The first PLS Algorithm analysis result

	EV	GED	GEED	GEEN	GEI	PGCA	PGEF	SGEO
EV1	0.706							
EV2	0.816							
EV3	0.728							
EV4	0.844							
EV5	0.822							
GED1		0.828						
GED2		0.842						
GED3		0.714						
GEED1			0.769					
GEED2			0.793					
GEED3			0.832					
GEED4			0.692					
GEED5			0.810					
GEEN1				0.797				
GEEN2				0.813				

GEEN3				0.716				
GEEN4				0.824				
GEI1					0.791			
GEI2					0.823			
GEI3					0.791			
GEI4					0.750			
PGCA1						0.813		
PGCA2						0.775		
PGCA3						0.804		
PGCA4						0.631		
PGCA5						0.721		
PGEF1							0.898	
PGEF2							0.896	
PGEF3							0.864	
PGEF4							0.757	
SGEO1								0.847
SGEO2								0.827
SGEO3								0.781
SGEO4								0.718

Appendix 4. The second PLS Algorithm analysis result

(1) Outer Loading

	EV	GED	GEED	GEEN	GEI	PGCA	PGEF	SGEO
EV1	0.706							
EV2	0.816							
EV3	0.728							
EV4	0.844							
EV5	0.822							
GED1		0.828						
GED2		0.842						
GED3		0.714						
GEED1			0.799					
GEED2			0.793					
GEED3			0.845					
GEED5			0.834					
GEEN1				0.797				
GEEN2				0.813				
GEEN3				0.716				

	EV	GED	GEED	GEEN	GEI	PGCA	PGEF	SGEO
GEEN4				0.824				
GEI1					0.790			
GEI2					0.824			
GEI3					0.791			
GEI4					0.749			
PGCA1						0.819		
PGCA2						0.772		
PGCA3						0.826		
PGCA5						0.751		
PGEF1							0.898	
PGEF2							0.896	
PGEF3							0.864	
PGEF4							0.757	
SGEO1								0.847
SGEO2								0.827
SGEO3								0.781
SGEO4								0.718

2. R Square

	R Square	R Square Adjusted
GEI	0.438	0.428

3. f Square

	EV	GED	GEED	GEEN	PGCA	PGEF	SGEO	GEI
EV								0.077
GED								0.015
GEED								0.025
GEEN								0.069
PGCA								0.037
PGEF								0.036
SGEO								0.011
GEI								

4. Construct Reliability and Validity

	Cronbach's Alpha	rho_A	Composite Reliability	Average Variance Extracted (AVE)
EV	0.846	0.875	0.889	0.617

GED	0.715	0.738	0.838	0.635
GEED	0.835	0.839	0.89	0.67
GEEN	0.796	0.802	0.868	0.622
GEI	0.797	0.8	0.868	0.623
PGCA	0.802	0.802	0.871	0.628
PGEF	0.876	0.882	0.916	0.732
SGEO	0.823	0.862	0.872	0.632

5. Discriminant Validity (Fornell - Larcker Criterion)

	EV	GED	GEED	GEEN	GEI	PGCA	PGEF	SGEO
EV	0.785							
GED	0.304	0.797						
GEED	0.351	0.286	0.818					
GEEN	0.351	0.278	0.225	0.788				
GEI	0.512	0.338	0.358	0.461	0.789			
PGCA	0.33	0.234	0.133	0.368	0.387	0.793		
PGEF	0.309	0.183	0.275	0.152	0.336	0.057	0.856	
SGEO	0.11	-0.026	-0.025	0.134	0.172	0.163	0.092	0.795

6. Discriminant Validity (Heterotrait - Monotrait Ratio)

	EV	GED	GEED	GEEN	GEI	PGCA	PGEF	SGEO
EV								
GED	0.374							
GEED	0.413	0.376						
GEEN	0.428	0.368	0.279					
GEI	0.6	0.438	0.437	0.575				
PGCA	0.392	0.311	0.162	0.457	0.485			
PGEF	0.342	0.227	0.326	0.182	0.4	0.084		
SGEO	0.127	0.051	0.061	0.159	0.184	0.191	0.121	

7. Collinearity Statistics (Inner VIF Values)

	EV	GED	GEED	GEEN	PGCA	PGEF	SGEO	GEI
EV								1.417
GED								1.212
GEED								1.24
GEEN								1.294
PGCA								1.261
PGEF								1.165

SGEO								1.058
GEI								

2.4. The Boostrapping analysis results

	Original Sample (O)	Sample Mean (M)	Standard Deviation (STDEV)	T Statistics (|O/STDEV|)	P Values
EV -> GEI	0.248	0.246	0.044	5.643	0
GED -> GEI	0.1	0.102	0.047	2.138	0.033
GEED -> GEI	0.131	0.132	0.047	2.802	0.005
GEEN -> GEI	0.223	0.222	0.049	4.567	0
PGCA -> GEI	0.161	0.162	0.051	3.165	0.002
PGEF -> GEI	0.155	0.155	0.039	3.97	0
SGEO -> GEI	0.08	0.088	0.039	2.078	0.038