

REFERENCES

- Shahzad, M., Khan, K. I., Saleem, S., & Rashid, T. (2021). What Factors Affect the Entrepreneurial Intention to Start-Ups? The Role of Entrepreneurial Skills, Propensity to Take Risks, and Innovativeness in Open Business Models. *Journal of Open Innovation*, 7(3), 173. <https://doi.org/10.3390/joitmc7030173>
- Agustina, T. S., & Fauzia, D. S. (2021). The Need For Achievement, Risk-Taking Propensity, And Entrepreneurial Intention Of The Generation Z. *Risenologi*, 6(1), 96-106.
- Basu, A., & Virick, M. (2008). Assessing entrepreneurial intentions amongst students: A comparative study. In VentureWell. Proceedings of Open, the Annual Conference (p. 79). National Collegiate Inventors & Innovators Alliance.
- Carree, M., Stel, A., van Thurik, R. and Wennekers, S. (2002), "Economic development and business ownership: an analysis using data of 23 OECD countries in the period 1976-1996", *Small Business Economics*, Vol. 19 No. 3, pp. 271-290, doi: 10.1023/A:1019604426387.
- Chin, W. W. (1998). The partial least squares approach to structural equation modeling. *Modern methods for business research*, 295(2), 295-336.

Farrukh, M., Khan, A. A., Shahid Khan, M., Ravan Ramzani, S., & Soladoye, B. S. A. (2017). Entrepreneurial intentions: the role of family factors, personality traits and self-efficacy. *World Journal of Entrepreneurship, Management and Sustainable Development*, 13(4), 303-317.

Field, E., Jayachandran, S., Pande, R., & Rigol, N. (2016). Friendship at work: Can peer effects catalyze female entrepreneurship?. *American Economic Journal: Economic Policy*, 8(2), 125-153.

Hacamo, I., & Kleiner, K. (2018). *Belief in yourself: Do peers promote or discourage entrepreneurship?*. working paper, Kelley School of Business, Indiana University.

Hair, J. F., Risher, J. J., Sarstedt, M., & Ringle, C. M. (2019). When to use and how to report the results of PLS-SEM. *European business review*, 31(1), 2-24.

Kautonen, T., Van Gelderen, M., & Fink, M. (2015). Robustness of the theory of planned behavior in predicting entrepreneurial intentions and actions. *Entrepreneurship theory and practice*, 39(3), 655-674.

Kemenperin: Indonesia Butuh 4 Juta Wirausaha Baru untuk Menjadi Negara Maju. (n.d.).

<https://www.kemenperin.go.id/artikel/19926/Indonesia-butuh-4-juta-wirausaha-baru-untuk-menjadi-negara-maju>

- Linan, F. (2008). Skill and value perceptions: how do they affect entrepreneurial intentions?. *International entrepreneurship and management journal*, 4, 257-272.
- Lingappa, A. K., Shah, A., & Mathew, A. O. (2020). Academic, family, and peer influence on entrepreneurial intention of engineering students. *Sage Open*, 10(3), 2158244020933877.
- Maitlo, A. A., Memon, S. B., & Kumar, M. (2020). The mediating role of networking orientation between entrepreneurial personality characteristics and entrepreneurial intentions. *Advances in Business-Related Scientific Research Journal*, 11(1), 48-65.
- Mala, I. K., Pratikto, H., & Winarno, A. (2019). The effect of family environment, entrepreneurship education and self-efficacy on entrepreneurial intention in Pondok Pesantren throughout Malang, Indonesia. *Int. J. Bus. Econ. Law*, 20, 112-119.
- Marques, C. S., Marques, C. P., Ferreira, J. J., & Ferreira, F. A. (2019). Effects of traits, self-motivation and managerial skills on nursing intrapreneurship. *International Entrepreneurship and Management Journal*, 15, 733-748. *Journal of Nusantara Studies (JONUS)*
- Mutiarasari, A. (2018). Peran entrepreneur meningkatkan pertumbuhan ekonomi dan mengurangi tingkat pengangguran. *Dinar: Jurnal Prodi Ekonomi Syariah*, 1(2), 51-

75.

Negara, D. J. K. (n.d.). *Urgensi Pemindahan Ibu Kota Negara*.

<https://www.djkn.kemenkeu.go.id/kanwil-kalbar/baca-artikel/14671/Urgensi-Pemindahan-Ibu-Kota-Negara.html>

Packham, G., Jones, P., Miller, C., Pickernell, D., & Thomas, B. (2010). Attitudes towards entrepreneurship education: a comparative analysis. *Education+ training*, 52(8/9), 568-586. (2023) *International Journal of Evaluation and Research in Education*

Pradana, M., Wardhana, A., Wijayangka, C., Kartawinata, B. R., & Wahyuddin, S. (2020). Indonesian university students' entrepreneurial intention: A conceptual study. *Journal of Critical Reviews*, 7(7), 571-573.

Sekaran, U., & Bougie, R. (2016). *Research methods for business: A skill building approach*. John Wiley & Sons.

Sergi, B. S., Popkova, E. G., Bogoviz, A. V., & Ragulina, J. V. (2019). Entrepreneurship and economic growth: the experience of developed and developing countries. In *Entrepreneurship and Development in the 21st Century* (pp. 3-32). Emerald publishing limited.

Shabbir, M. S., Shariff, M. N. M., Salman, R., & Shabbir, M. F. (2017). Exploring the link between entrepreneurial skills and entrepreneurial intentions: Proposing a hypothesized model for future research. *Paradigms, 11*(1), 72.

Shah, Syed Inaam Ullah & Abd Rahim, Nazahah. (2019). Effect of ethical climate on corporate financial performance in Pakistan: An application of confirmatory tetrad analysis(CTA-PLS)approach.

Sharaf, A., El-Gharbawy, A., & Ragheb, M. A. (2018). Factors that influence entrepreneurial intention within university students in Egypt. *Open Access Library Journal, 5*(10), 1-14.

Soomro, M. A., Memon, M. S., & Bukhari, N. S. (2019). Entrepreneurial education and its impact on entrepreneurial intentions: A comparative analysis of business graduates of public and private universities of Sindh. *Pacific Business Review International, 11*(6), 35-46.

Sugiyono, D. (2013). Metode penelitian pendidikan pendekatan kuantitatif, kualitatif dan R&D.

Tanveer, M. A., Zafar, S., Shafique, R., Jhangir, M., & Rizvi, S. (2013). Motivational factors and students entrepreneurial intention in Pakistan. *Journal Basic Applied Scientific Research, 3*(4), 263-269.

Tentang IKN. (2021, December 13). IKN. <https://ikn.go.id/tentang-ikn>

Wyrwich, M., Sternberg, R., & Stuetzer, M. (2019). *Failing role models and the formation of fear of entrepreneurial failure: A study of regional peer effects in German regions. Journal of Economic Geography, 19(3), 567-588.*

Zellweger, T., Sieger, P., & Halter, F. (2011). Should I stay or should I go? Career choice intentions of students with family business background. *Journal of business venturing, 26(5), 521-536.*

Zisser, M. R., Johnson, S. L., Freeman, M. A., & Staudenmaier, P. J. (2019). The relationship between entrepreneurial intent, gender and personality. *Gender in Management: An International Journal.*

Hameed, I., & Irfan, Z. (2019). Entrepreneurship education: a review of challenges, characteristics and opportunities. *Entrepreneurship Education, 2, 135-148.*

Andriaskiton, M., & Natalia, F. (2022). Analysis of the Effect of Self-Efficiency and Self-Motivation on Business Success (Case Study on Entrepreneurs Food at Cemara Asri Medan). *Enrichment: Journal of Management, 12(4), 3366-3374.*

Winters, A., Meijers, F., Kuijpers, M., & Baert, H. (2009). What are vocational training conversations about? Analysis of vocational training conversations in Dutch vocational education from a career learning perspective. *Journal of Vocational Education and Training*, 61(3), 247-266.

Khan, K. I., Naqvi, S. M. W. A., Ghafoor, M. M., & Nayab, G. (2020). Effect of reward system on innovative work behaviour through temporary organizational commitment and proficiency: Moderating role of multiculturalism. *International Journal of Management Research and Emerging Sciences*, 10(2).

Xu, F., Kellermanns, F. W., Jin, L., & Xi, J. (2020). Family support as social exchange in entrepreneurship: Its moderating impact on entrepreneurial stressors-well-being relationships. *Journal of business research*, 120, 59-73.

Welsh, D. H., Tullar, W. L., & Nemat, H. (2016). Entrepreneurship education: Process, method, or both?. *Journal of Innovation & Knowledge*, 1(3), 125-132.

APPENDIX

Hello! My name is Robby Martin (01013190004) From University Pelita Harapan. This questionnaire is for my undergraduate thesis, this questionnaire is for active university(Undergraduate students) in Samarinda this questionnaire students. Will help me to determine my research. It will take approximately 10-15 Minutes. This research is about The role of entrepreneurial skills, propensity to take risks, and innovativeness in open business models in affecting the entrepreneurial intention of start-ups. Thank you in Advance for taking the time to fill in this questionnaire. This research will also be available in English and Indonesian.

Halo! Nama saya Robby Martin (01013190004) dari Universitas Pelita Harapan. Kuesioner ini adalah untuk tesis sarjana saya. Kuesioner ini ditujukan untuk mahasiswa aktif (mahasiswa S1) di Samarinda. Kuesioner ini akan membantu penelitian saya. Waktu yang dibutuhkan sekitar 10-15 menit. Penelitian ini tentang peran keterampilan wirausaha, kecenderungan untuk mengambil risiko, dan inovasi dalam model bisnis terbuka dalam mempengaruhi niat wirausaha untuk memulai start-up. Terima kasih sebelumnya atas waktu yang diberikan untuk mengisi kuesioner ini. Penelitian ini juga akan tersedia dalam bahasa Inggris dan Indonesia.

Screening Question Appendix A

Gender/ Jenis Kelamin	
Age/Umur	
University/Universitas	
Major/Program studi(Jurusan)	
Cohort/Angkatan	
Do you have any experience in running a business? / Apakah anda pernah menjalankan bisnis ?	

Appendix 1 Screening Question

Made for this research from the author (2023)

Questionnaire Questions Appendix B

No.	Statements	Answer				
		1	2	3	4	5
Entrepreneurial intentions						
<p>“The term “entrepreneurial intention” refers to those effective activities which create the desire of doing something productive, through which individuals are directed to employ and execute related concepts of a new venture</p> <p>"Terminologi "niat kewirausahaan" merujuk pada aktivitas-aktivitas efektif yang menciptakan keinginan untuk melakukan sesuatu yang produktif, melalui mana individu diarahkan untuk mempekerjakan dan melaksanakan konsep-konsep terkait dalam suatu usaha baru."</p>						
1	<p>I am ready to do anything to be an entrepreneur Saya siap melakukan apa saja untuk menjadi pengusaha</p>					
2	<p>My professional goal is to become an entrepreneur Tujuan profesional saya adalah menjadi pengusaha</p>					
3	<p>I will make every effort to start and run my own firm Saya akan melakukan segala upaya untuk memulai dan menjalankan perusahaan saya sendiri</p>					
4	<p>I have very seriously thought of starting a firm Saya sangat serius berpikir untuk memulai sebuah perusahaan</p>					
5	<p>I have the firm intention to start a firm someday Saya memiliki niat kuat untuk memulai suatu perusahaan suatu hari nanti</p>					
Family Support						
<p>Family Support Prior exposure in the form of direct experience, like a family's entrepreneurial background, can be presumed to affect attitudes and perceptions about entrepreneurship as a career</p>						

<p>"Pengaruh Keluarga" Paparan sebelumnya dalam bentuk pengalaman langsung, seperti latar belakang kewirausahaan keluarga, dapat diasumsikan mempengaruhi sikap dan persepsi tentang kewirausahaan sebagai karier."</p>						
6	<p>I have immediate family members are that are self-employed</p> <p>Saya memiliki anggota keluarga dekat(Ayah/Ibu/Saudara/Saudari) wiraswasta</p>					
7	<p>I have extended family members into entrepreneurship</p> <p>Saya mempunyai anggota keluarga besar(diluar dari Ayah/Ibu/Saudara/Saudari) yang berwirausaha</p>					
Peer Influence						
<p>Peer Influence” Positive PEER is believed to bring about entrepreneurial behavior among students by increasing the likelihood of choosing a business-related major and prompting the decision to have a graduate start-up</p> <p>"Pengaruh Teman Sebaya" Pengaruh positif dari teman sebaya diyakini dapat membawa perilaku kewirausahaan di antara mahasiswa dengan meningkatkan kemungkinan memilih jurusan terkait bisnis dan memicu keputusan untuk memulai start-up setelah lulus."</p>						
8	<p>I have friends who have start-ups</p> <p>Saya punya teman yang punya start-up</p>					
9	<p>I have friends who value entrepreneurship more</p> <p>Saya punya teman yang lebih menghargai profesi kewirausahaan</p>					
10	<p>I have friends who inspire me to be an entrepreneur</p> <p>Saya punya teman yang menginspirasi saya untuk menjadi pengusaha</p>					
11	<p>I have friends who would want to start a firm</p>					

	Saya punya teman yang ingin memulai sebuah usaha					
Entrepreneurial skills						
<p>Entrepreneurial skills” Entrepreneurial skills are the individual competencies required to build, arrange, and implement ideas during entrepreneurial activities</p> <p>“Keterampilan Kewirausahaan” Keterampilan kewirausahaan adalah kompetensi individu yang diperlukan untuk membangun, mengorganisir, dan menerapkan ide selama aktivitas kewirausahaan.”</p>						
12	I have the ability to recognize an opportunity. Saya mampu mengidentifikasi peluang.					
13	I am a creative person Saya orang yang kreatif					
14	I have problem solving skills Saya mempunyai keterampilan untuk memecahkan masalah					
15	I have leadership skill Saya mempunyai keterampilan untuk memimpin					
16	I have communication Skills Saya mempunyai keterampilan berkomunikasi					
17	I am able to develop a new product/Service. Saya mampu untuk mengembangkan produk/servis yang baru.					
18	I have networking skills Saya mempunyai keterampilan networking.					
Institutional Support						
<p>Institutional Support” Institutional support also positively impacts entrepreneurial skills, a propensity to take risks, and innovativeness by providing an atmosphere that encourages entrepreneurs to participate in business activities</p>						

<p>“Dukungan Institusional” Dukungan institusional juga berdampak positif pada keterampilan kewirausahaan, kecenderungan untuk mengambil risiko, dan inovasi dengan memberikan suasana yang mendorong para pengusaha untuk berpartisipasi dalam kegiatan bisnis.”</p>						
19	<p>For becoming an entrepreneur necessary educational infrastructure is needed.</p> <p>Institusi yang saya hadiri menyediakan infrastruktur yang mendukung untuk menjadi seorang wirausahawan.</p>					
20	<p>Encouragement to be an entrepreneur is needed for becoming an entrepreneur.</p> <p>Institusi pendidikan yang saya hadiri memberikan dorongan untuk menjadi wiraswasta.</p>					
21	<p>Entrepreneurship workshops and conferences are needed to become an entrepreneur.</p> <p>Institusi pendidikan yang saya hadiri mengadakan Lokakarya termasuk konferensi kewirausahaan diperlukan untuk mendorong minat menjadi wirausaha.</p>					
22	<p>Networking of entrepreneurial students is needed to become an entrepreneur.</p> <p>Institusi pendidikan yang saya hadiri membentuk Jejaring mahasiswa kewirausahaan termasuk para alumninya untuk mendorong minat berwirausaha.</p>					
23	<p>Spreading entrepreneurial awareness is needed to become an entrepreneur.</p> <p>Institusi pendidikan yang saya hadiri menyebarkan kesadaran kewirausahaan untuk menjadi wiraswasta.</p>					
<p>Propensity to take risk</p>						
<p>Risk taking propensity is "the willingness to be courageous and aggressive in pursuing opportunities and choosing high risk projects with very high returns over low risk projects with lower and more predictable returns" (Spicka, 2020)</p>						

"Kecenderungan untuk Mengambil Risiko" adalah "kesediaan untuk berani dan agresif dalam mengejar peluang dan memilih proyek berisiko tinggi dengan hasil yang sangat tinggi dibandingkan dengan proyek berisiko rendah dengan hasil yang lebih rendah dan lebih dapat diprediksi."						
24	I am open to new experiences saya terbuka untuk pengalaman baru					
25	I am ready to accept entrepreneurial risks saya siap dalam menerima resiko berwirausaha					
26	I am ready to accept higher risks because I am aware of the consequences Saya siap menerima risiko yang lebih tinggi karena saya menyadari konsekuensinya					
27	I have the ability to calculate risks that will occur Saya memiliki kemampuan untuk menghitung risiko yang akan terjadi					
28	A high business risk does not make me hinder from business / Resiko bisnis yang tinggi tidak membuat saya terhalang untuk berbisnis					
Innovativeness						
<p>Innovativeness influences the entrepreneurial intention of individuals in terms of behavior, alertness, and the use of technology in order to improve a business's strategy</p> <p>"Inovasi mempengaruhi niat kewirausahaan individu dalam hal perilaku, kewaspadaan, dan penggunaan teknologi untuk meningkatkan strategi bisnis."</p>						
29	I really dislike not knowing what is going to happen / Saya sangat tidak suka tidak tahu apa yang akan terjadi					
30	People often ask me for help in creative activities/ Orang sering meminta bantuan saya dalam kegiatan kreatif.					
31	I obtain more satisfaction from mastering a skill than coming up with a new idea/ saya mendapatkan lebih banyak kepuasan dari menguasai					

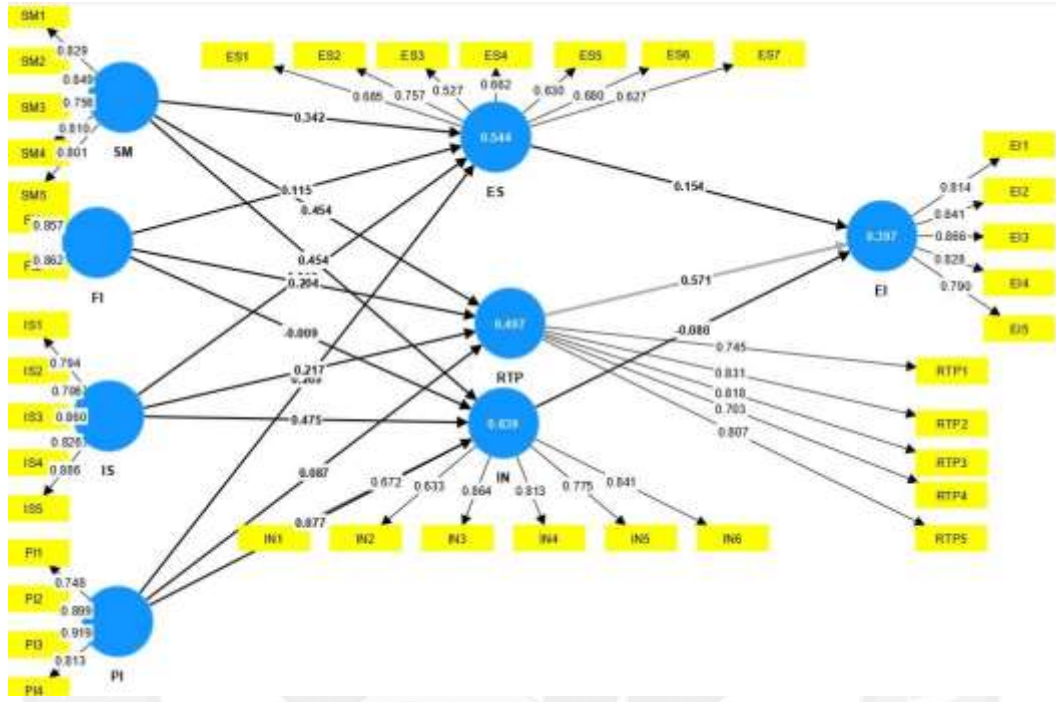
	keterampilan daripada menghasilkan ide baru.					
32	I prefer work that requires original thinking/ Saya lebih suka pekerjaan yang membutuhkan pemikiran orisinal					
33	I usually continue doing a new job in exactly the way it was taught to me/ Saya biasanya terus melakukan pekerjaan baru persis seperti yang diajarkan kepada saya.					
34	I like a job which demands skill and practice rather than inventiveness Saya menyukai pekerjaan yang menuntut keterampilan dan latihan daripada daya cipta.					
Self-Motivation						
<p>Self-motivation is a driving force that leads a person towards their target. It is a personality characteristic that motivates someone to face challenges and encourages them to never quit, even in difficult situations. It is an internal driving force that keeps individuals focused on set targets, and so is considered to be essential in developing career choices /</p> <p>"Motivasi Diri adalah kekuatan penggerak yang mengarahkan seseorang menuju tujuannya. Ini adalah karakteristik kepribadian yang memotivasi seseorang untuk menghadapi tantangan dan mendorong mereka untuk tidak pernah menyerah, bahkan dalam situasi sulit. Ini adalah kekuatan penggerak internal yang membuat individu tetap fokus pada target yang ditetapkan, dan oleh karena itu dianggap penting dalam mengembangkan pilihan karier."</p>						
35	I want to create my own job Saya ingin menciptakan pekerjaan saya sendiri					
36	I want to develop an idea Saya ingin mengembangkan ide					
37	I want to do things my way Saya ingin melakukan sesuatu dengan cara saya					
38	I want to have personal growth Saya ingin memiliki pertumbuhan pribadi					
39	I want to exploit a business opportunity Saya ingin memanfaatkan peluang bisnis					

Appendix 21.2 Questionnaire Question

Made for this research from the author (2023)

ATTACHMENT

1. Initial outer loading test results (before elimination)



Attachment 1.1 Initial Outer Loading test results

Sources: Smart PLS 4 (2023)

2. Initial AVE test results (before elimination)

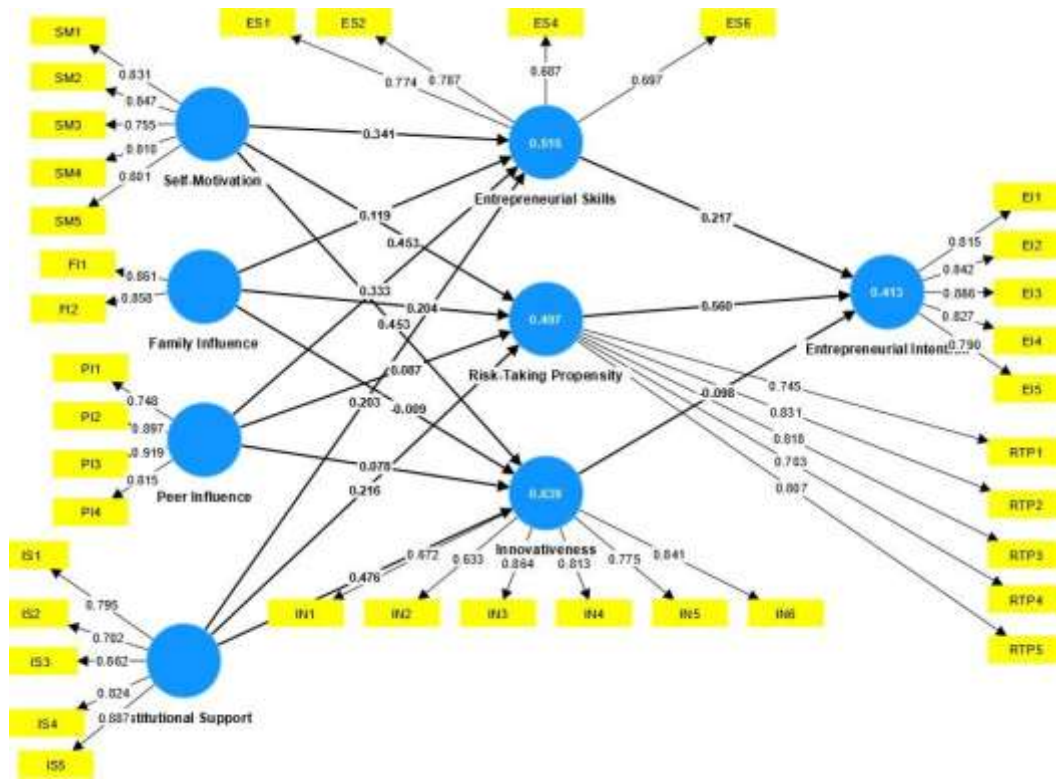
Construct reliability and validity - Overview

	Cronbach's alpha	Composite reliability (rho_a)	Composite reliability (rho_c)	Average variance extracted (AVE)
EI	0.885	0.887	0.916	0.686
ES	0.779	0.789	0.840	0.430
FI	0.646	0.646	0.850	0.738
IN	0.880	0.870	0.897	0.594
IS	0.874	0.889	0.909	0.667
PI	0.885	0.892	0.910	0.718
RTP	0.841	0.849	0.887	0.612
SM	0.809	0.876	0.905	0.656

Attachment 1.2 Initial AVE test (before elimination)

Sources: Smart PLS 4 (2023)

3. After elimination graphical output (real test)



Attachment 1.3 Graphical output (after elimination)

Sources: Smart PLS 4 (2023)



4. Construct reliability and validity Overview(real test)

	Cronbach's alpha	Composite reliability (rho_a)	Composite reliability (rho_c)	Average variance extracted (AVE)
Entrepreneurial Intention	0.885	0.886	0.816	0.686
Entrepreneurial Skills	0.720	0.729	0.625	0.544
Family Influence	0.646	0.648	0.650	0.738
Innovativeness	0.860	0.870	0.887	0.594
Institutional Support	0.874	0.892	0.909	0.667
Peer Influence	0.855	0.892	0.910	0.718
Risk-Taking Propensity	0.841	0.849	0.867	0.612
Self-Motivation	0.890	0.876	0.905	0.656

Attachment 1.4 Construct reliability and validity Overview

Sources: Smart PLS 4 (2023)

5 Discriminant validity HTMT (real test)

	Entrepreneurial Intention	Entrepreneurial Skills	Family Influence	Innovativeness	Institutional Support	Peer Influence	Risk-Taking Propensity	Self-Motivation
Entrepreneurial Intention								
Entrepreneurial Skills	0.898							
Family Influence	0.798	0.671						
Innovativeness	0.407	0.772	0.381					
Institutional Support	0.207	0.362	0.163	0.757				
Peer Influence	0.478	0.594	0.589	0.381	0.213			
Risk-Taking Propensity	0.756	0.738	0.902	0.761	0.489	0.464		
Self-Motivation	0.625	0.738	0.454	0.789	0.427	0.456	0.738	

Attachment 1.5 Discriminant Validity HTMT

Sources: Smart PLS 4 (2023)

6. Discriminant Validity Fornell-larcker(real test)

	Entrepreneurial Intention	Entrepreneurial Skills	Family Influence	Innovativeness	Institutional Support	Peer Influence	Risk-Taking Propensity	Self-Motivation
Entrepreneurial Intention	0.826							
Entrepreneurial Skills	0.472	0.737						
Family Influence	0.553	0.389	0.688					
Innovativeness	0.202	0.555	0.208	0.771				
Institutional Support	0.236	0.402	0.078	0.681	0.917			
Peer Influence	0.424	0.589	0.433	0.342	0.163	0.867		
Risk-Taking Propensity	0.620	0.585	0.406	0.642	0.428	0.206	0.782	
Self-Motivation	0.555	0.589	0.327	0.682	0.388	0.400	0.637	0.850

Attachment 1.6 Discriminant Validity Fornell-larcker

Sources: Smart PLS 4 (2023)

7. Discriminant Validity cross loading(real test)

Discriminant validity - Cross loadings

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	Entrepreneurial Intention	Entrepreneurial Skills	Family Influence	Innovativeness	Institutional Support	Peer Influence	Risk-Taking Propensity	Self-Motivation
EE1	0.815	0.203	0.391	0.224	0.193	0.298	0.521	0.404
EE2	0.842	0.442	0.438	0.315	0.243	0.271	0.493	0.517
EE3	0.889	0.398	0.483	0.381	0.228	0.325	0.588	0.484
EM	0.827	0.381	0.488	0.250	0.220	0.413	0.529	0.413
EM	0.790	0.382	0.478	0.241	0.187	0.380	0.477	0.413
EM	0.434	0.774	0.317	0.433	0.280	0.541	0.425	0.450
EM	0.376	0.787	0.238	0.488	0.388	0.318	0.883	0.472
EM	0.332	0.687	0.508	0.414	0.219	0.480	0.418	0.478
EM	0.240	0.697	0.287	0.338	0.337	0.372	0.210	0.329
EM	0.478	0.508	0.881	0.188	0.088	0.328	0.274	0.270
EM	0.480	0.582	0.858	0.170	0.044	0.418	0.324	0.283
EM	0.327	0.543	0.588	0.972	0.282	0.248	0.470	0.552
EM	0.228	0.488	0.121	0.833	0.483	0.288	0.388	0.377
EM	0.318	0.473	0.193	0.984	0.520	0.328	0.588	0.628
EM	0.321	0.477	0.218	0.813	0.534	0.278	0.881	0.388
EM	0.278	0.382	0.183	0.778	0.554	0.183	0.484	0.388
EM	0.288	0.488	0.121	0.841	0.888	0.288	0.818	0.822
EM	0.118	0.383	0.218	0.488	0.788	0.087	0.283	0.232
EM	0.224	0.214	0.218	0.423	0.752	0.228	0.281	0.211
EM	0.184	0.288	0.128	0.878	0.882	0.188	0.388	0.288
EM	0.177	0.278	0.218	0.828	0.828	0.124	0.384	0.218
EM	0.254	0.687	0.107	0.843	0.887	0.188	0.388	0.418
EM	0.284	0.487	0.288	0.138	0.087	0.748	0.213	0.248
EM	0.322	0.488	0.428	0.344	0.180	0.687	0.278	0.374
EM	0.427	0.688	0.418	0.332	0.238	0.818	0.388	0.387
EM	0.488	0.431	0.327	0.212	0.378	0.818	0.388	0.352
EM	0.428	0.348	0.271	0.488	0.221	0.328	0.748	0.824
EM	0.528	0.488	0.378	0.427	0.221	0.284	0.831	0.588
EM	0.821	0.548	0.342	0.442	0.182	0.318	0.818	0.802
EM	0.244	0.418	0.188	0.828	0.488	0.283	0.703	0.433
EM	0.888	0.408	0.374	0.148	0.427	0.382	0.807	0.828
EM	0.818	0.818	0.328	0.523	0.284	0.342	0.888	0.831
EM	0.488	0.484	0.284	0.817	0.287	0.288	0.582	0.847
EM	0.388	0.338	0.218	0.808	0.224	0.382	0.384	0.788
EM	0.488	0.418	0.283	0.883	0.328	0.383	0.482	0.818
EM	0.442	0.548	0.288	0.487	0.218	0.488	0.811	0.801

Attachment 1.7 Discriminant Validity Cross Loadings

Sources: Smart PLS 4 (2023)

8. VIF inner model(real test)

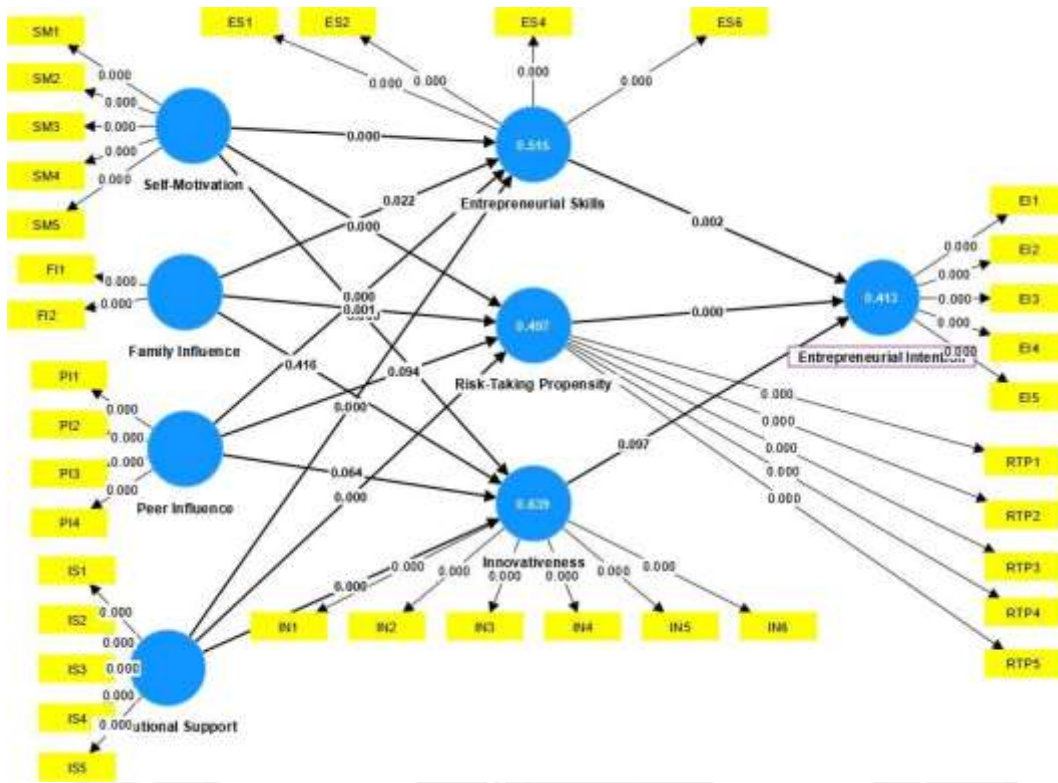
Collinearity statistics (VIF) - Inner model - List

	VIF
Entrepreneurial Skills -> Entrepreneurial Intention	1.818
Family Influence -> Entrepreneurial Skills	1.281
Family Influence -> Innovativeness	1.281
Family Influence -> Risk-Taking Propensity	1.281
Innovativeness -> Entrepreneurial Intention	1.873
Institutional Support -> Entrepreneurial Skills	1.177
Institutional Support -> Innovativeness	1.177
Institutional Support -> Risk-Taking Propensity	1.177
Peer Influence -> Entrepreneurial Skills	1.380
Peer Influence -> Innovativeness	1.380
Peer Influence -> Risk-Taking Propensity	1.380
Risk-Taking Propensity -> Entrepreneurial Intention	1.904
Self-Motivation -> Entrepreneurial Skills	1.483
Self-Motivation -> Innovativeness	1.483
Self-Motivation -> Risk-Taking Propensity	1.483

Attachment 1.8 VIF inner model

Sources: Smart PLS 4 (2023)

9. Graphical output BT test



Attachment 1.9 Graphical output bootstrap test

Sources: Smart PLS 4 (2023)

10. Path coefficient BT test

Path	Original sample (O)	Sample mean (M)	Standard deviation (STDEV)	T statistics (O/STDEV)	P values
Entrepreneurial Skills → Entrepreneurial Intention	0.217	0.222	0.077	2.818	0.002
Family Influence → Entrepreneurial Skills	0.119	0.119	0.058	2.010	0.022
Family Influence → Innovativeness	-0.099	-0.010	0.042	0.212	0.418
Family Influence → Risk-Taking Propensity	0.204	0.203	0.065	3.154	0.001
Innovativeness → Entrepreneurial Intention	-0.098	-0.065	0.075	1.297	0.097
Institutional Support → Entrepreneurial Skills	0.253	0.207	0.057	3.544	0.000
Institutional Support → Innovativeness	0.476	0.470	0.058	8.222	0.000
Institutional Support → Risk-Taking Propensity	0.216	0.219	0.063	3.413	0.000
Peer Influence → Entrepreneurial Skills	0.333	0.332	0.060	5.587	0.000
Peer Influence → Innovativeness	0.078	0.078	0.051	1.526	0.064
Peer Influence → Risk-Taking Propensity	0.087	0.087	0.065	1.317	0.094

Attachment 1.10 Path coefficient bootstrap test

Sources: Smart PLS 4 (2023)

11. Total indirect effects BT test

Total indirect effects - Mean, STDEV, T values, p values					
	Original sample (O)	Sample mean (M)	Standard deviation (STDEV)	T statistics (O/STDEV)	P values
Family Influence → Entrepreneurial Intention	0.141	0.143	0.047	3.012	0.001
Institutional Support → Entrepreneurial Intention	0.118	0.118	0.048	2.561	0.005
Peer Influence → Entrepreneurial Intention	0.113	0.114	0.042	2.697	0.004
Self-Motivation → Entrepreneurial Intention	0.283	0.286	0.054	5.242	0.000

Attachment 1.11 Total indirect effects bootstrap test

Sources: Smart PLS 4 (2023)

12. Specific indirect effects BT test

Specific indirect effects - Mean, STDEV, T values, p values					
	Original sample (O)	Sample mean (M)	Standard deviation (STDEV)	T statistics (O/STDEV)	P values
Peer Influence → Innovativeness → Entrepreneurial Intention	-0.008	-0.007	0.009	-0.897	0.368
Self-Motivation → Entrepreneurial Skills → Entrepreneurial Intention	0.074	0.076	0.032	2.327	0.018
Self-Motivation → Risk Taking Propensity → Entrepreneurial Intention	0.254	0.252	0.053	4.958	0.000
Institutional Support → Entrepreneurial Skills → Entrepreneurial Intention	0.044	0.045	0.028	1.220	0.013
Institutional Support → Innovativeness → Entrepreneurial Intention	-0.047	-0.047	0.037	-1.241	0.107
Peer Influence → Risk Taking Propensity → Entrepreneurial Intention	0.048	0.048	0.037	1.307	0.096
Family Influence → Innovativeness → Entrepreneurial Intention	0.001	0.001	0.005	0.167	0.434
Family Influence → Risk Taking Propensity → Entrepreneurial Intention	0.114	0.115	0.044	2.574	0.005
Peer Influence → Entrepreneurial Skills → Entrepreneurial Intention	0.072	0.073	0.028	2.614	0.004
Self-Motivation → Innovativeness → Entrepreneurial Intention	-0.044	-0.042	0.035	-1.284	0.100
Institutional Support → Risk Taking Propensity → Entrepreneurial Intention	0.121	0.120	0.034	3.547	0.000
Family Influence → Entrepreneurial Skills → Entrepreneurial Intention	0.038	0.038	0.018	1.370	0.085

Attachment 1.12 Specific indirect effects bootstrap test

Sources: Smart PLS 4 (2023)

13. Total Effects BT results

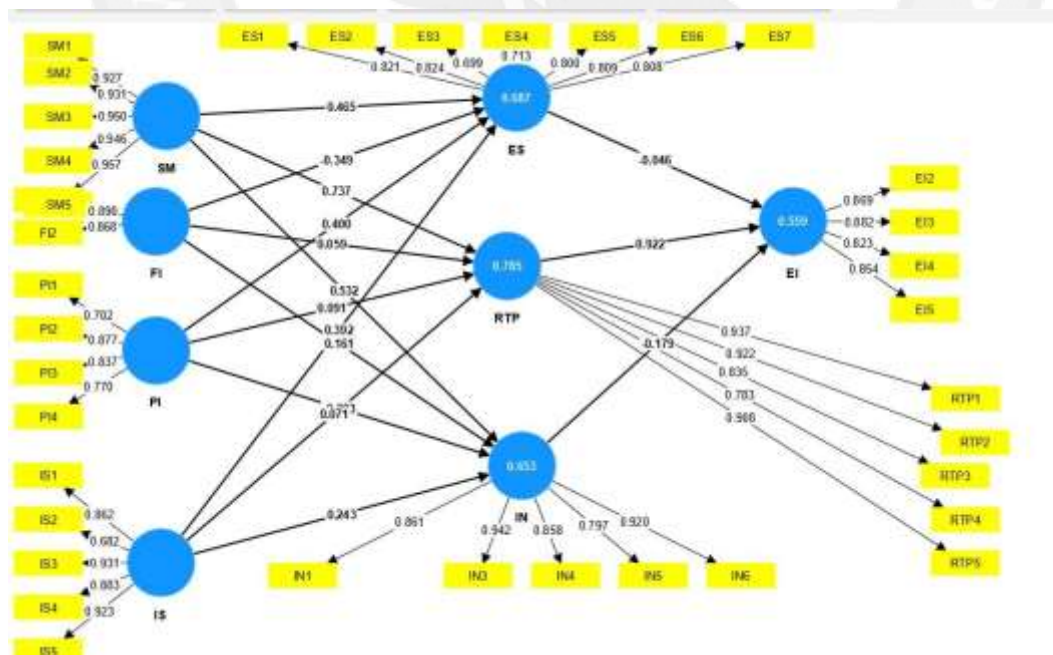
Total effects - Mean, STDEV, T values, p values Zoom (87%) Copy to Excel Copy to R

	Original sample (O)	Sample mean (M)	Standard deviation (STDEV)	T statistics (O/STDEV)	P values
Entrepreneurial Skills → Entrepreneurial Intention	0.217	0.222	0.077	2.818	0.002
Family Influence → Entrepreneurial Intention	0.141	0.143	0.047	3.012	0.001
Family Influence → Entrepreneurial Skills	0.119	0.119	0.059	2.010	0.022
Family Influence → Innovativeness	-0.069	-0.010	0.042	-0.212	0.416
Family Influence → Risk Taking Propensity	0.264	0.283	0.065	3.154	0.001
Innovativeness → Entrepreneurial Intention	-0.058	-0.095	0.075	-1.297	0.097
Institutional Support → Entrepreneurial Intention	0.119	0.119	0.046	2.561	0.005
Institutional Support → Entrepreneurial Skills	0.263	0.267	0.057	3.544	0.000
Institutional Support → Innovativeness	0.476	0.478	0.058	8.222	0.000
Institutional Support → Risk Taking Propensity	0.216	0.219	0.063	3.413	0.000
Peer Influence → Entrepreneurial Intention	0.113	0.114	0.042	2.697	0.004
Peer Influence → Entrepreneurial Skills	0.333	0.332	0.060	5.597	0.000
Peer Influence → Innovativeness	0.070	0.076	0.051	1.526	0.064
Peer Influence → Risk Taking Propensity	0.087	0.087	0.066	1.317	0.094
Risk Taking Propensity → Entrepreneurial Intention	0.560	0.567	0.086	-0.515	0.000
Self-Motivation → Entrepreneurial Intention	0.263	0.286	0.054	5.242	0.000
Self-Motivation → Entrepreneurial Skills	0.341	0.343	0.067	5.096	0.000
Self-Motivation → Innovativeness	0.453	0.452	0.065	6.937	0.000
Self-Motivation → Risk Taking Propensity	0.453	0.451	0.076	5.929	0.000

Attachment 1.13 Total effects bootstrap test

Sources: Smart PLS 4 (2023)

14. Graphical output pretest



Attachment 1.14 Graphical output pretest

Sources: Smart PLS 4 (2023)

15. Construct reliability and validity pretest

Construct reliability and validity - Overview Zoom (87%) Copy to Excel Copy to R

	Cronbach's alpha	Composite reliability (rho_c)	Composite reliability (rho_e)	Average variance extracted (AVE)
EI	0.880	0.887	0.917	0.755
E5	0.895	0.905	0.917	0.614
FI	0.707	0.710	0.872	0.773
IN	0.925	0.945	0.943	0.759
IS	0.910	0.930	0.934	0.741
PI	0.811	0.838	0.875	0.639
RTP	0.925	0.937	0.944	0.772
SM	0.969	0.969	0.975	0.888

Attachment 1.15 Construct reliability and validity pretest

Sources: Smart PLS 4 (2023)

16. VIF(pretest)

Collinearity statistics (VIF) - Inner model - List

	VIF
ES → EI	2.219
FI → ES	2.367
FI → IN	2.367
FI → RTP	2.367
IN → EI	3.496
IS → ES	1.445
IS → IN	1.445
IS → RTP	1.445
PI → ES	2.271
PI → IN	2.271
PI → RTP	2.271
RTP → EI	3.875
SM → ES	2.528
SM → IN	2.528
SM → RTP	2.528

Attachment 1.16 Collinearity statistics (VIF) results

Sources: Smart PLS 4 (2023)