

Table 1.

Selected Characteristics of the Included Studies/Samples

Authors	Year	N	Mean Age	Country	Samples	Variables	Scale
Zhou et al.	2021	743	22.5	China	University Graduates	<ul style="list-style-type: none"> Proactive personality Career decision-making self-efficacy Employment stress 	<ul style="list-style-type: none"> Proactive Personality Scale Career Decision-Making Self-Efficacy Scale Career Success Criteria Scale
Xin et al.	2020	220	21.82	China	Undergraduates	<ul style="list-style-type: none"> Proactive personality Career Success Criteria Clarity Career Decision-Making Self-Efficacy 	<ul style="list-style-type: none"> Proactive Personality Scale Career Decision-Making Self-Efficacy Scale Career Success Criteria Scale
Tanau & Salim	2020	140	14	Indonesia	Junior High School	<ul style="list-style-type: none"> Career Decision Self-Efficacy Planned Happenstance Career Decision Self-Efficacy 	<ul style="list-style-type: none"> Career Decision Self-Efficacy Short Form Planned Happenstance Career Inventory The Proactive Personality Scale
Srikanth	2012	186	34.72	India	Manufacturing Companies	<ul style="list-style-type: none"> Self Efficacy Career Self Management Proactive Personality 	<ul style="list-style-type: none"> Career Self Efficacy Scale Proactive Personality Scale Career Self Management Scale
Ramadhani & Suharso	2021	758	Between 16-19 ages	Indonesia	High School	<ul style="list-style-type: none"> Proactive Personality Parental Involvement Career Decision Self-Efficacy 	<ul style="list-style-type: none"> Career Decision Self-Efficacy Scale Short Form Parent Career Behavior Checklist Proactive Personality Scale
Ramadhani & Susharso	2020	758	/	Indonesia	High School	<ul style="list-style-type: none"> Proactive Personality Parental Involvement Career Decision Self-Efficacy 	<ul style="list-style-type: none"> Career Decision Self-Efficacy Scale Short Form Parent Career Behavior Checklist Proactive Personality Scale

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Preston & Salim	2019	949	16	Indonesia	Senior High School	<ul style="list-style-type: none"> Parenting style Proactive personality Career decision self-efficacy 	<ul style="list-style-type: none"> Career Decision Self-Efficacy Scale-Short Form Parental Authority Questionnaire Proactive Personality Scale
Mujiati & Salim	2021	858	17.7	Indonesia	12th-grade vocational school students	<ul style="list-style-type: none"> Career Decision Self-Efficacy Proactive Personality Attributions 	<ul style="list-style-type: none"> Career Decision Self-Efficacy Scale – Short Form Proactive Personality Scale Assessment of Attributions for Career Decision Making
Li	2021	514	/	China	High schools	<ul style="list-style-type: none"> Family Function Proactive Personality Career Decision-Making Self-Efficacy 	<ul style="list-style-type: none"> Major Decision-Making Self-Efficacy Scale Proactive Personality Scale Family Assessment Device
Kim & Park	2017	296	21.74	South Korea	University students	<ul style="list-style-type: none"> Proactive Personality Career Decision-Making Self-Efficacy Career Search Self-Efficacy 	<ul style="list-style-type: none"> Proactive Personality Scale Career Decision-Making Self-Efficacy Scale Career Search Self-Efficacy Scale
Hsieh & Huang	2014	336	21.03	Taiwan	College students	<ul style="list-style-type: none"> Career decision self-efficacy Proactive Personality Socioeconomic Status 	<ul style="list-style-type: none"> Socioeconomic Status Proactive Personality Scale Career Decision Self-Efficacy Scale–Short Form
Hou et al.	2014	810	22.90	China	Graduate students	<ul style="list-style-type: none"> Proactive personality Decision-making self-efficacy Career adaptability 	<ul style="list-style-type: none"> Chinese version of the Proactive Personality Scale Career Adapt-Abilities Scale-International Form Career Decision-Making Self-Efficacy Scale

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Authors	Year	N	Mean Age	Country	Sample	Variables	Scales
He et al.	2021	1540	19.58	China	College students	<ul style="list-style-type: none"> Proactive personality Perceived social support Interaction item 	<ul style="list-style-type: none"> Chinese version of the Proactive Personality Scale Perceived Social Support Scale Career Decision Making Self Efficacy Questionnaire Career Decision Making Difficulties Questionnaire
Fatin & Salim	2020	833	16-20	Indonesia	12th grade vocational school students	<ul style="list-style-type: none"> Emotional intelligence, Career Decision Self-Efficacy, Proactive Personality: 	<ul style="list-style-type: none"> Proactive Personality Scale Career Decision Self-Efficacy Scale-Short Form Trait Emotional Intelligence Questionnaire-Short Form
Darmayanti & Salim	2020	840	16.39	Indonesia	Senior high schools	<ul style="list-style-type: none"> Career Decision-Making Self-Efficacy Emotional Intelligence Proactive Personality 	<ul style="list-style-type: none"> Career Decision-Making Self-Efficacy Scale-Short Form. Trait Emotional Intelligence Questionnaire-Short Form Proactive Personality Scale
Ahmad & Nasir	2022	211	-	Pakistan	* Electronic media employees	<ul style="list-style-type: none"> Boundaryless Career Orientation Career Optimism Career Decision-making Self-efficacy Consideration of Future Consequences 	<ul style="list-style-type: none"> Career Decision Self Efficacy Scale Consideration of Future Consequences Form Career Orientation Scale The Career Futures Inventory

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Authors	Year	N	Mean Age	Country	Sample	Variables	Scales
Ahmad & Nasir	2021	192	/	Pakistan	Professionals of electronic media industry	<ul style="list-style-type: none"> Positive career shocks Career decision making self efficacy Career optimism Consideration of future consequence immediate 	<ul style="list-style-type: none"> Career Decision Self Efficacy Consideration of Future Immediate Form Career Shock Scale The Career Futures Inventory
Aymans et al.	2019	307	28	Germany	University students	<ul style="list-style-type: none"> Perceived lecturer support Perceived career optimism Perceived career barriers Self-efficacy 	<ul style="list-style-type: none"> Career Optimism subscale of the Career Futures Inventory Career Self-Efficacy Scale Perceived Lecturer Support Perceived Career Barriers Scale
Charokopaki & Argyropoulou,	2019	153	16-17	Greece	High school	<ul style="list-style-type: none"> Optimism, Career Decision Self-Efficacy Career Indecision 	<ul style="list-style-type: none"> Middle School Self-Efficacy Scale Career Decision Scale Life Orientation Test-Revised
Chui et al.	2022	170	/	China	Undergraduate students	<ul style="list-style-type: none"> Protean Career Orientation Career Optimism Career Adaptability Career Decision Self-Efficacy 	<ul style="list-style-type: none"> Career Adapt-Abilities Scale– Short Form Career Decision Self-Efficacy Scale The Career Futures Inventory Protean Career Orientation
Coon	2009	325	19.93	America	College students		<ul style="list-style-type: none"> Career Decision-making Difficulties Questionnaire Career Decision-Making Self-Efficacy Scale-Short Form Career Futures Inventory-Revised The Brief COPE scale

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Authors	Year	N	Mean Age	Country	Sample	Variables	Scales
Garcia et al.	2015	235	17.34	Philippines	Undergraduate students	<ul style="list-style-type: none"> • Parental support • Teacher support • Career decision-making self efficacy • Career optimism 	<ul style="list-style-type: none"> • Career-Related Parent Support Scale • Teacher Support Scale • Career Decision-Making Self-Efficacy Scale-Short Form • Career Futures Inventory
Kanten et al.	2017	311	/	Turkey	Undergraduate students	<ul style="list-style-type: none"> • Mentoring Functions, • Career Adaptabilities, • Career Self-Efficacy, • Career Optimism 	<ul style="list-style-type: none"> • Mentoring Functions Scale • Career Futures Inventory • Career Self-Efficacy Scale • Career Adaptabilities Scale
Moon	2005	177	24.57	America	Undergraduate students	<ul style="list-style-type: none"> • Career self-efficacy • Attachment styles • Optimism 	<ul style="list-style-type: none"> • The Life Orientation Test-Revised • The Experiences in Close Relationships • Career Decision-Making Self-Efficacy Scale-Short Form
Şener & Kocaoğlu	2016	967	/	Turkey	University students	<ul style="list-style-type: none"> • Optimism, • Career Decision Efficacy Expectation, Professional Results Expect 	<ul style="list-style-type: none"> • Career Decision Self-Efficacy Scale – Short Form Professional Outcome Expectancy Scale • Optimism Scale
Darmayanti & Salim	2020	840	16.39	Indonesia	Senior high school	<ul style="list-style-type: none"> • Career decision-making self-efficacy • Emotional intelligence • Proactive personality 	<ul style="list-style-type: none"> • Career Decision-Making Self-Efficacy Scale–Short Form. • Trait Emotional Intelligence Questionnaire–Short Form • Proactive Personality Scale

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Authors	Year	N	Mean Age	Country	Sample	Variables	Scales
Salim & Safitri	2020	165	16.20	/	*High school students	<ul style="list-style-type: none"> • Career decision-making attribution • Career decision making self-efficacy • Emotional intelligence 	<ul style="list-style-type: none"> • Career Decision Self-Efficacy Scale-Short Form • Assessment of Attribution for Career Decision Making • Trait Emotional Intelligence Questionnaire Short Form
Song & Shin	2016	223	/	South Korea	* Nursing students	<ul style="list-style-type: none"> • Emotional Intelligence • Career Decision-Making Self-Efficacy • Career Decision Levels 	<ul style="list-style-type: none"> • Emotional Intelligence Scale • Career Decision-Making Self-Efficacy Scale
Santos et al.	2018	472	25	United Kingdom	University students	<ul style="list-style-type: none"> • Emotional Intelligence • Career Decision-Making Difficulties: Career Decision Self-Efficacy 	<ul style="list-style-type: none"> • Career Decision-Making Difficulties Revised Form • Emotional Intelligence Scale • Career Decision Self-Efficacy Scale-Short Form
Sidek & Bakar	2020	80	/	/	High school students	<ul style="list-style-type: none"> • Career decision • Emotional intelligence • Self-efficacy 	<ul style="list-style-type: none"> • Emotional Intelligence Inventory • Career Decision Making Self – Efficacy- Short-Form
Fatin& Salim	2020	833	16-20	Indonesia	12th-grade vocational school students	<ul style="list-style-type: none"> • Emotional Intelligence • Proactive Personality • Career Decision Self-Efficacy 	<ul style="list-style-type: none"> • Career Decision Self-Efficacy Scale-Short Form • Trait Emotional Intelligence Questionnaire-Short Form • Proactive Personality Scale
Fajobi &Bankole	2019	200	/	Nigeria	Senior secondary schools	<ul style="list-style-type: none"> • Emotional Intelligence • Career Decision Making Self-Efficacy 	<ul style="list-style-type: none"> • Career Decision-Making Self-Efficacy Short Form Scale • Emotional Intelligence Scale

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Jiang	2016	3185	19.88	China	Undergraduate students	<ul style="list-style-type: none"> Emotional intelligence, Career decision-making self-efficacy Goal commitment Professional commitment 	<ul style="list-style-type: none"> Career Decision-Making Self-Efficacy Short Form Scale Emotional Intelligence Scale Professional commitment Gaol commitment
Murphy	2021	305	/	/	College students	<ul style="list-style-type: none"> Career decision-making self-efficacy, Emotional Intelligence 	<ul style="list-style-type: none"> Trait Emotional Intelligence Questionnaire Short Form Scale, Career Decision-Making Self-Efficacy Short Form scale
Parmentier et al.	2021	307	22.33	Belgium	University students	<ul style="list-style-type: none"> Career adaptability, Emotional intelligence, Anticipatory emotions Career decision-making self-efficacy 	<ul style="list-style-type: none"> Career Adapt-Abilities Scale Emotional Intelligence Scale, *Anticipatory Emotions Scale Career Decision-Making Self-Efficacy Short Form
Hamzah et al.	2021	205	23	Malaysia	University students	<ul style="list-style-type: none"> Career adaptability Career Decision Emotional intelligence; Self-efficacy Self-esteem 	<ul style="list-style-type: none"> Schutte Self Report Emotional Intelligence Test Rosenberg Self-esteem Scale Career Decision Self-Efficacy Scale–Short Form Career Adapt-Abilities Scale
Ulaş & Yıldırım	2019	729	21.68	Turkey	University students	<ul style="list-style-type: none"> Locus of control Perceived career barriers Hopelessness Career decision-making self-efficacy 	<ul style="list-style-type: none"> Career Decision-Making Self-Efficacy Scale Perceived Career Barriers Scale Locus of Control Scale Beck Hopelessness Scale Positive and Negative Affect Scale

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Authors	Year	N	Mean Age	Country	Sample	Variables	Scales
Turan	2021	354	14.3	Turkey	Middle schools	<ul style="list-style-type: none"> • Locus of control, • Hope, • Career and talent development self-efficacy 	<ul style="list-style-type: none"> • Locus of Control Scale • Children's Hope Scale • Career and Talent Development Self-Efficacy Scale
Meyle	1993	88	18-43	America	College students	<ul style="list-style-type: none"> • Career Decision Making Self-Efficacy • Locus of Control, • Decision-Making Style, • Coping Style 	<ul style="list-style-type: none"> • The Importance of Others' Expectations for Career Questionnaire • The Assessment of Career Decision Making Scale • The Career Decision-Making Self-Efficacy Scale • The Internal-External Scale • The Coping Scale • The Bern Sex Role Inventory • The Bern Sex Role Inventory • The Traditionality of Significant Others Questionnaire
Taylor & Popma	1990	407	18.9	America	College students	<ul style="list-style-type: none"> • Career Decision Making Self-Efficacy, • Career Salience • Locus of Control • Vocational Indecision 	<ul style="list-style-type: none"> • The Career Decision-Making Self-Efficacy Scale • The Occupational Self-Efficacy Scale • Rotter Internal-External (I-E) Scale • Career Salience Questionnaire • Career Decision Scale
Kim & Lee	2018	310	23.91	South Korea	College students	<ul style="list-style-type: none"> • Career adaptability, • Career decision-making self-efficacy, • Occupational engagement, • Internal locus of control 	<ul style="list-style-type: none"> • Career Adaptability Scale • Internal Locus of Control Scale • Career Decision Self-Efficacy Scale • Occupational Engagement Scale

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Lee	2007	502	15.4	China	Secondary students	<ul style="list-style-type: none"> • Career Maturity • Career Decision-making Self-efficacy, Interdependent Self -construal, • Locus of Control and Gender 	<ul style="list-style-type: none"> • Career Maturity Inventory • Career Decision-Making Self-Efficacy Scale – Short Form • Attitudes Toward Women Scale • Interdependent Subscale of Self-Construal Scale • Rotter Internal-External Locus of Control Scale
Bahrani et al.	2021	2700	16.01	Oman	High school students	<ul style="list-style-type: none"> • Career decision self-efficacy • Career locus of control • Career aspiration 	<ul style="list-style-type: none"> • Career Aspirations Scale • Career Locus of Control Scale • The Career Decision Self-Efficacy Short Form
Burns et al.	2013	158	20.10	/	Athletes	<ul style="list-style-type: none"> • Career decision-making self-efficacy • Academic support service 	<ul style="list-style-type: none"> • Rotter’s Locus of Control Scale • Generalized Self Efficacy Scale • Career Decision-Making Self-Efficacy Scale • Athlete Satisfaction Questionnaire
Sarı & Şahin	2013	302	17.21	Turkey	High school students	<ul style="list-style-type: none"> • Career Decision Making Self-Efficacy • Hope • Locus of Control 	<ul style="list-style-type: none"> • Career Decision Making Self-Efficacy Scale • Hope Scale • Rotter Internal-External Locus of Control Scale