



UKRIDA

**Fakultas
Psikologi**
Faculty of Psychology

SURAT TUGAS

No.: 169/ST/UKKW/FPsi/Prodi/V/2021

Pimpinan Fakultas Psikologi Universitas Kristen Krida Wacana dengan ini memberi tugas kepada :

Nama : **William Gunawan, S.Psi., M.Min., M.Si., PhD (Land)**
NIK Dosen : 1450
Jabatan : Dosen Tetap S-1 Psikologi UKRIDA
Keperluan : **Sebagai Penyaji dan Peserta pada 2021 Asia Pacific Career Development Association (APCDA) Conference**
Waktu : **19-29 Mei 2021 (Conference), 25 Mei (Presenter)**
Tempat : (Zoom Meeting)
Keterangan : 1. Melaksanakan tugas dengan baik dan bertanggung jawab.
2. Selesai bertugas membuat laporan kepada Pimpinan Fakultas.
3. Selama bertugas dianggap hadir di Ukrida.

Dikeluarkan di : Jakarta

Pada tanggal : 18 Mei 2021

Ka. Prodi S-1 Psikologi



Pinkan Margaretha, M. Psi., Psikolog

Tembusan :

1. Kepala Kesejahteraan (wajib).
2. Arsip.

TELAH MELAKSANAKAN TUGAS

Bukti undangan / sertifikat

The Validity and Reliability of Personal Globe Inventory-Short in Indonesian Language

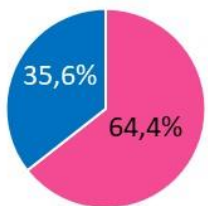
Abstract. The purpose of this study is to evaluate the validity and reliability of Personal Globe Inventory Short, an Interest Assessment instrument in Indonesian Language. On this research there were 371 participants, they are students from high school and vocational high school all across Indonesia, with the largest number of participants are coming from Jakarta. The concurrent validity was assessed with correlating RIASEC score of Personal Globe Inventory Short with O*net Interest Profiler and reliability testing was conducted with Cronbach's Alpha formula. This study also assess the item discriminant and internal consistency of itemtotal correlation of Personal Globe Inventory Short. The result of this study is a valid and reliable measurement of Personal Globe Inventory Short (2010) in Bahasa Indonesia.

Keywords : career interest, interest assessment, personal globe inventory



Participants Demography

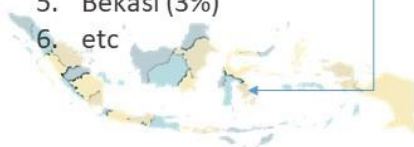
Gender



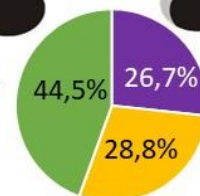
Female Male

Participant Domiciles:

1. Jakarta (26,4%)
2. Bandung (11,1%)
3. Tangerang (9,2%)
4. Cianjur (3,2%)
5. Bekasi (3%)
6. etc

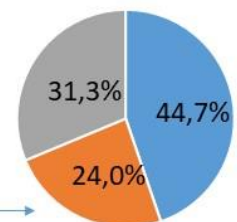


Grade



Grade 10 Grade 11 Grade 12

Major



Science Social Others

371 Participants



The Validity and Reliability of Personal Globe Inventory-Short in Indonesian Language

**Santy Liusmin
&**

**William Gunawan, S.Psi.,
M.Min., M.Si., Ph.D., CLC.**



Research Background

Santrock (2019) on adolescents stage, people are facing decision-making about how do they face the changing situations from childhood to adult.

Ideal Conditions

Havighurst (in Hurlock, 2012) Preparing for the future, especially career is one of the tasks of teenagers in their developmental stage

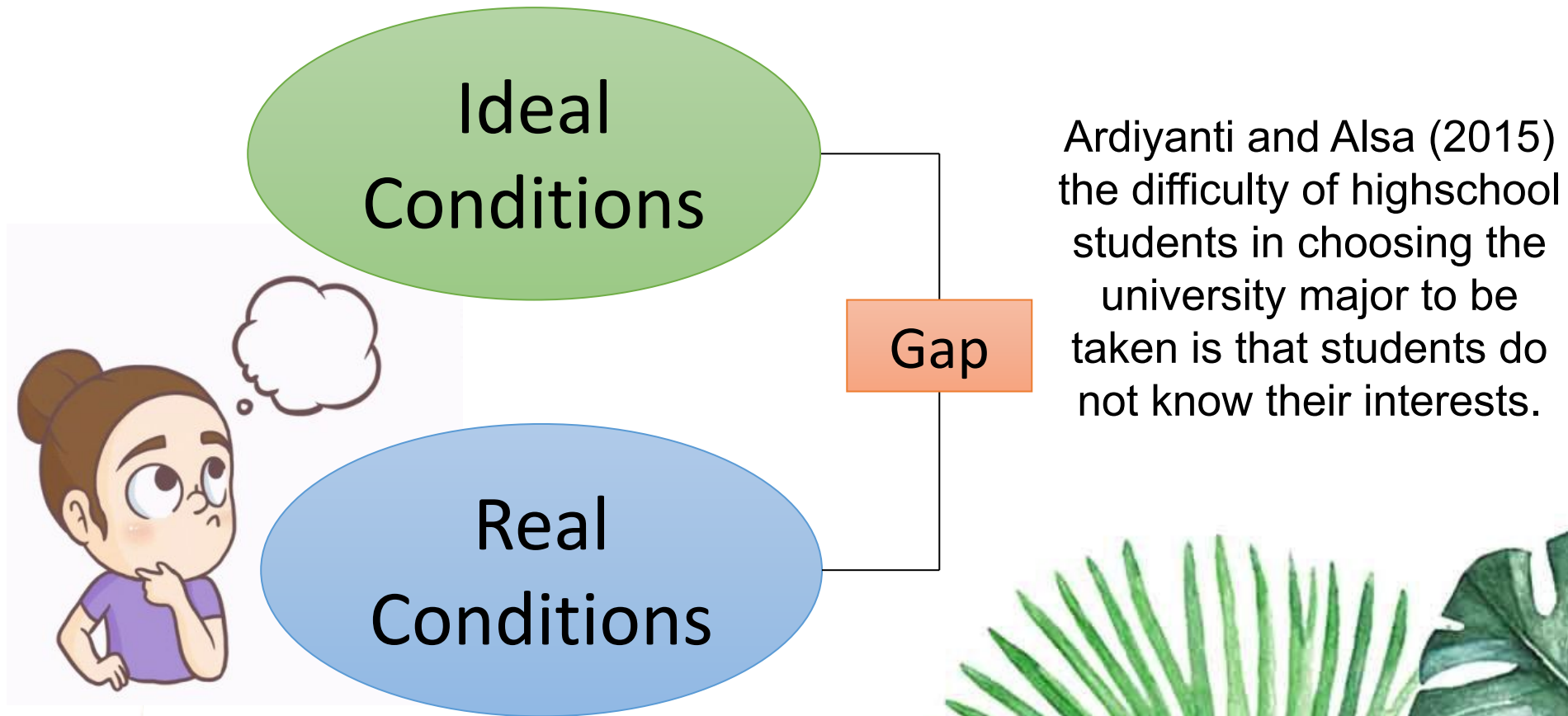
Super (in Amundson *et al.*, 2016) 14-18 year old people are in exploration stage especially crystallization category

VS

Real Conditions

Suvey result from Indonesia Career Center Network (ICCN) 2017
87% Indonesian college students stated that the majors they chose did not match their interests.

Research Background



Cummings dan Worley (2009) the assessment process on someone's interests, needs to be done at the beginning of intervention and career planning.



Tracey (2010) Personal Globe Inventory- Short (PGI-S)
A career interest assessment that more complete with prestige dimension, has only 40 items, has been assessed that PGI-S has no significant difference across culture and gender (Zhang, 2013).

Has been adapted in China (2013), Japan (2006), Croatia (2008), Serbia (2008), Irland (2005), Iran (2010), Singapore (2011), and Caribia (2012).

There's no PGI-S in Indonesian Language yet



Research Purpose

To assess whether interest inventory that had been developed by Tracey (2010), Personal Globe Inventory – Short in Indonesian Language is valid and reliable



Benefits of Research



Literature Review

1. Career Interest Definition

Career Interest describes a person's vocational orientation towards work activities and specific work environments (Holland, 1973). There are six kind of typology such as Realistic (R), Investigative (I), Artistic (A), Social (S), Enterprising (E), dan Conventional (C).

2. Definition *Personal Globe Inventory-Short*

An interest assessment which has spherical or round interest model and includes items of occupational preferences along with activity liking, and competence belief in a more simple version to be applied with 40 items.

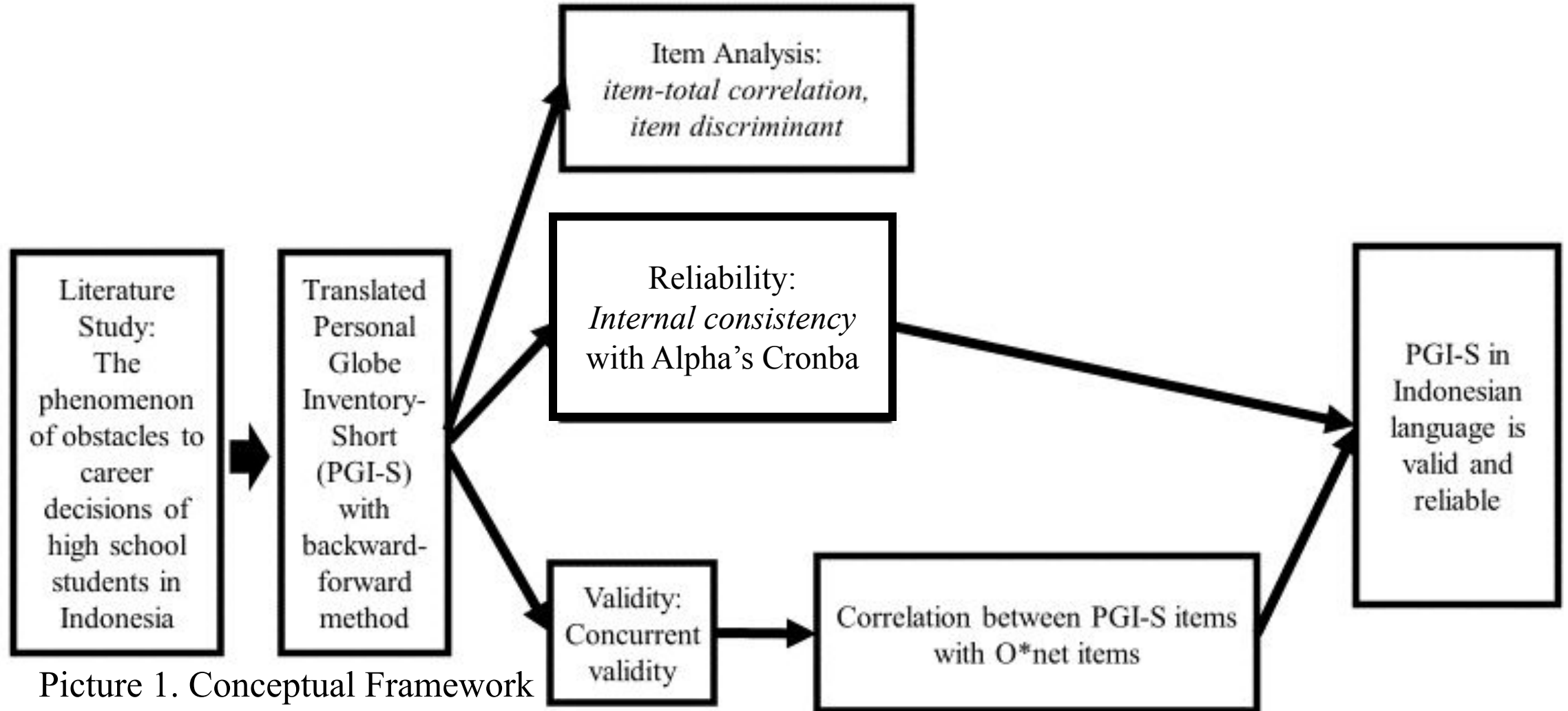
3. Personal Globe Inventory-Short Dimentions :

3.1 *People-Things dimention = social and realistic*

3.2 *Data-Ideas dimention = enterprising, conventional, investigative, and artistic*

3.3 *Prestige Dimention= status/occupational level/level of training/level of difficulty and responsibility*

Literature Review



Picture 1. Conceptual Framework

Research Questions

Is PGI-S in Indonesian Languages valid and reliable?



Hypothesis

Ha: Personal Globe Inventory-Short in Indonesia Language is valid and reliable



Method

Leavy (2017)

Qualitative research is a research that held with collecting data based on assessment through variables and analyze collected data statistically.

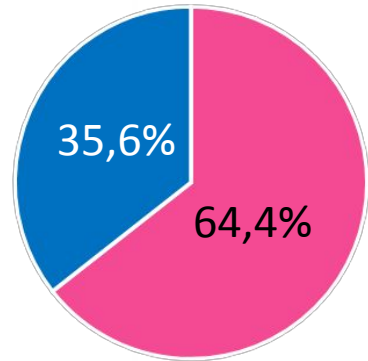
Operational Definition of Career Interest Variable

In this study, the variable studied was career interest which described a person's vocational orientation towards work activities and certain work environments (Holland, 1973).

The variable of career interest in this study was measured using Personal Globe Inventory- Short (2010) that have been translated to Indonesian Language. There were forty questions would be responded with two Likert type answers, which are liking and competence. PGI-S scores were obtained by adding up items for each aspect.

Participants Demography

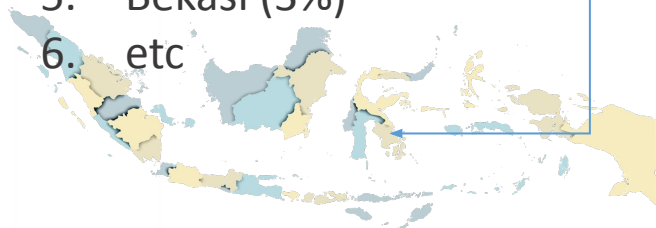
Gender



Female Male

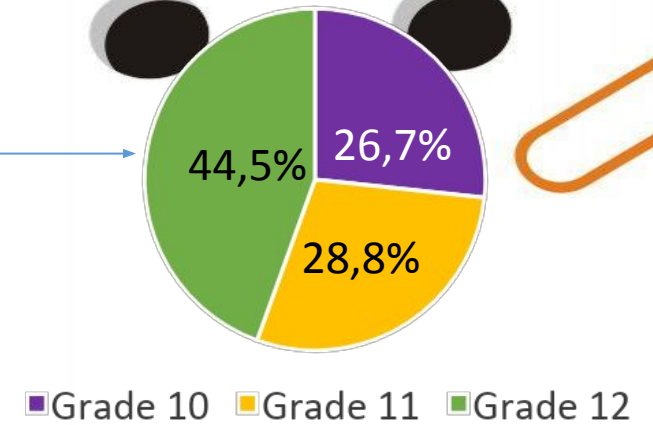
Participant Domiciles:

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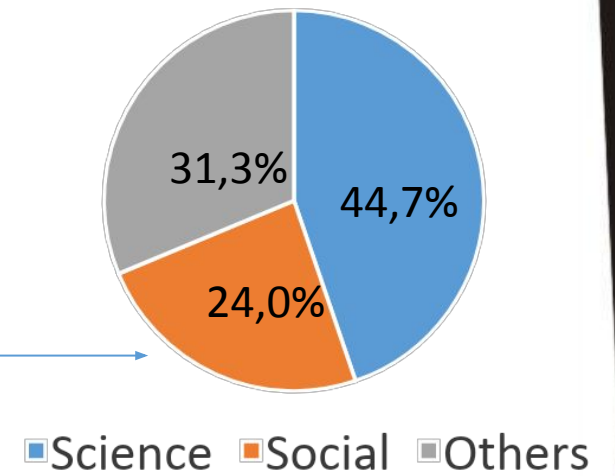


371 Participants

Grade



Major



Collecting Data Method

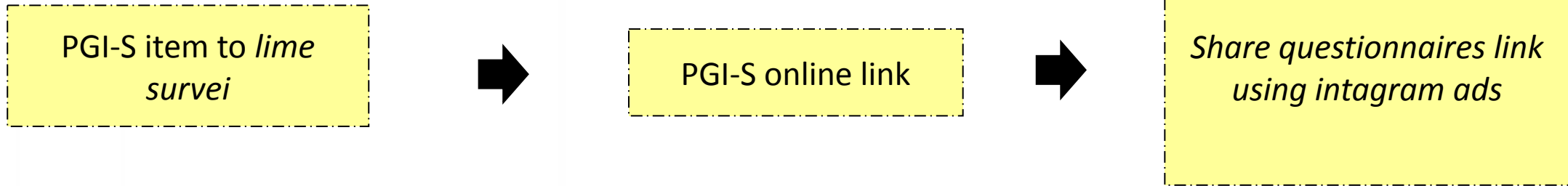


Table 1 Blue Print of Personal Globe Inventory - Short

	Dimintions	Aspecs	Items Number
1	People-Things	Social	1, 11, 21, 31 and 8,18,28,38
		Realisic	5, 15, 25, 35
2	Ideas-Data	Enterprising	1, 11, 21, 31 and 2, 12, 22, 32
		Conventional	3, 13, 23, 33 and 4, 14, 24, 34
		Investigative	6, 16, 26, 36
		Artistic	7, 17, 27, 37
3	Prestige	High Prestige	9,19, 29,39
		Low Prestige	10,20,30,40



Research Steps

1

• PGI and *Onet Interest Profiler* items are translated with *forward- backward method*. Then, take out PGI-S item from PGI.

2

• Put PGI-S in Indonesian Language Items to lime survey and get the link so the assessment can be shared.

3

• Get respondents with using instagram ads (paid promotion).

4

• Collecting responds by downloaded it on lime surveys

5

• Conducting property tests, namely normality test, item analysis, validity test, and reliability tests.

• **WANTED** •

PARTICIPANT FOR RESEARCH



REWARD TOTAL: RP 500.000

OVO / GOPAY untuk 10 orang yang beruntung
untuk info lebih lanjut silahkan hubungi
santy2017fpsi017@civitas.ukrida.ac.id

Scan Me!



Dibutuhkan partisipan penelitian
mengenai minat karier

Kriteria:

siswa/i SMA & SMK di Indonesia

<https://bit.ly/SurveiMinatKarierSiswa>

Normality test

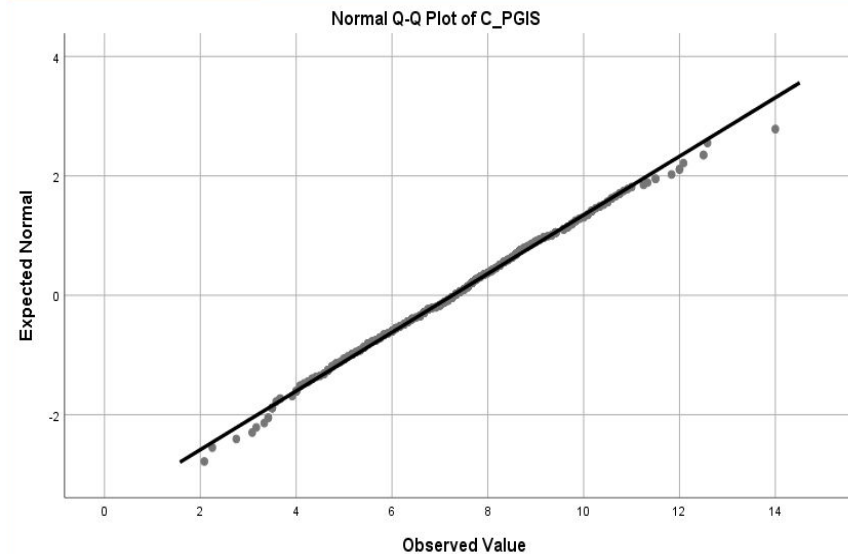


Data normally distributed if Zskew value and Zkurt value $\pm 1,96$ at the value of significance $<0,05$ (Field, 2017)



Statistics

		R_PGIS	I_PGIS	A_PGIS	S_PGIS	E_PGIS	C_PGIS
N	Valid	371	371	371	371	371	371
	Missing	0	0	0	0	0	0
Skewness		.522	.665	.456	.180	.118	.156
Std. Error of Skewness		.127	.127	.127	.127	.127	.127
Kurtosis		-.017	.008	.115	-.153	-.150	-.061
Std. Error of Kurtosis		.253	.253	.253	.253	.253	.253



Item Analysis and Result

Item Discriminant

Cohen dan Swerdlik (2009) the power of discrimination is the degree to which items can differentiate between respondents with high and low scores.

Item Realistic	Item Discriminant	
	t	Sig (2-tailed)
Liking_5	-17.425	0.000
Competence_5	-15.577	0.000
Liking_15	-18.028	0.000
Competence_15	-16.254	0.000
Liking_25	-12.039	0.000
Competence_25	-12.193	0.000
Liking_35	-12.098	0.000
Competence_35	-12.552	0.000

Item Investigative	Item Discriminant	
	t	Sig (2-tailed)
Liking_6	-6.240	0.000
Competence_6	-6.694	0.000
Liking_16	-3.584	0.000
Competence_16	-5.313	0.000
Liking_26	-3.343	0.001
Competence_26	-4.269	0.000
Liking_36	-6.092	0.000
Competence_36	-8.020	0.000

Item Artistic	Item Discriminant	
	t	Sig (2-tailed)
Liking_7	-8.519	0.000
Competence_7	-9.805	0.000
Liking_17	-6.764	0.000
Competence_17	-8.078	0.000
Liking_27	-4.997	0.000
Competence_27	-5.763	0.000
Liking_37	-5.259	0.000
Competence_37	-7.824	0.000

Different are significant at value of significancy $<0,05$ (Field, 2017). The test results show all items has significant values $p<0,05$. There is a significant difference between the upper and lower groups, each PGI-S item is proven to have a good difference.

Item Analysis and Result

Item Discriminant

Cohen dan Swerdlik (2009) the power of discrimination is the degree to which items can differentiate between respondents with high and low scores.

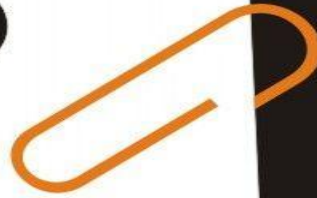
Item Social	Item Discriminant	
	t	Sig (2-tailed)
Liking_1	-5.178	0.000
Competence_1	-7.425	0.000
Liking_8	-7.154	0.000
Competence_8	-8.860	0.000
Liking_11	-14.042	0.000
Competence_11	-15.305	0.000
Liking_18	-8.525	0.000
Competence_18	-9.659	0.000
Liking_21	-10.479	0.000
Competence_21	-10.060	0.000
Liking_28	-7.229	0.000
Competence_28	-7.527	0.000
Liking_31	-7.027	0.000
Competence_31	-8.043	0.000
Liking_38	-5.790	0.000
Competence_38	-8.323	0.000

Item Enterprising	Item Discriminant	
	t	Sig (2-tailed)
Liking_1	-4.972	0.000
Competence_1	-6.661	0.000
Liking_2	-10.375	0.000
Competence_2	-10.721	0.000
Liking_11	-9.181	0.000
Competence_11	-9.996	0.000
Liking_12	-10.607	0.000
Competence_12	-12.491	0.000
Liking_21	-6.548	0.000
Competence_21	-6.844	0.000
Liking_22	-7.957	0.000
Competence_22	-7.999	0.000
Liking_31	-5.745	0.000
Competence_31	-7.122	0.000
Liking_32	-12.703	0.000
Competence_32	-11.209	0.000

Item Conventional	Item Discriminant	
	t	Sig (2-tailed)
Liking_3	-7.999	0.000
Competence_3	-9.359	0.000
Liking_4	-10.665	0.000
Competence_4	-10.842	0.000
Liking_13	-10.189	0.000
Competence_13	-10.495	0.000
Liking_14	-11.798	0.000
Competence_14	-11.940	0.000
Liking_23	-10.074	0.000
Competence_23	-7.519	0.000
Liking_24	-6.854	0.000
Competence_24	-6.781	0.000
Liking_33	-9.715	0.000
Competence_33	-8.825	0.000
Liking_34	-11.000	0.000
Competence_34	-10.980	0.000

Different are significant at value of significancy $<0,05$ (Field, 2017). The test results show all items has significant values $p<0,05$. There is a significant difference between the upper and lower groups, each PGI-S item is proven to have a good difference.

Item Analysis and Result



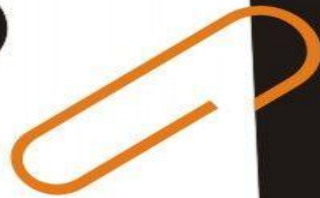
Item total correlated

Sugiyono (2017) items are valid if their corrected item-total correlation value $> 0,30$

Aitem Realistic	Corrected Item-Total Correlation
Liking_5	0.608
Competence_5	0.566
Liking_15	0.683
Competence_15	0.714
Liking_25	0.646
Competence_25	0.658
Liking_35	0.609
Competence_35	0.611

Aitem Investigative	Corrected Item-Total Correlation
Liking_6	0.572
Competence_6	0.612
Liking_16	0.586
Competence_16	0.654
Liking_26	0.601
Competence_26	0.641
Liking_36	0.548
Competence_36	0.668

Item Analysis and Result



Item total correlated

Sugiyono (2017) items are valid if their corrected item-total correlation value $> 0,30$

Aitem Artistic	Corrected Item-Total Correlation
Liking_7	0.585
Competence_7	0.572
Liking_17	0.722
Competence_17	0.763
Liking_27	0.399
Competence_27	0.425
Liking_37	0.644
Competence_37	0.711

Aitem Social	Corrected Item-Total Correlation
Liking_1	0.265
Competence_1	0.343
Liking_11	0.468
Competence_11	0.497
Liking_21	0.507
Competence_21	0.484
Liking_31	0.498
Competence_31	0.516
Liking_8	0.393
Competence_8	0.433
Liking_18	0.496
Competence_18	0.505
Liking_28	0.582
Competence_28	0.544
Liking_38	0.522
Competence_38	0.582

Item Analysis and Result

Item total correlated

Sugiyono (2017) items are valid if their corrected item-total correlation value $> 0,30$

Aitem Enterprising	Corrected Item-Total Correlation
Liking_1	0.25
Competence_1	0.373
Liking_11	0.512
Competence_11	0.53
Liking_21	0.5
Competence_21	0.509
Liking_31	0.46
Competence_31	0.516
Liking_2	0.489
Competence_2	0.495
Liking_12	0.595
Competence_12	0.642
Liking_22	0.585
Competence_22	0.615
Liking_32	0.595
Competence_32	0.527

Aitem Conventional	Corrected Item-Total Correlation
Liking_3	0.606
Competence_3	0.633
Liking_13	0.744
Competence_13	0.737
Liking_23	0.736
Competence_23	0.672
Liking_33	0.732
Competence_33	0.732
Liking_4	0.558
Competence_4	0.572
Liking_14	0.43
Competence_14	0.423
Liking_24	0.458
Competence_24	0.496
Liking_34	0.593
Competence_34	0.559

Validity and Result

Concurrent Validity



Skala PGI-S	ONET	Keterangan
R	0.657	Strong Correlation
S	0.337	Weak Correlation
A	0.307	Weak Correlation
S	0.492	Moderate Correlation
E	0.461	Moderate Correlation
C	0.500	Moderate Correlation

Sugiyono (2017) Interpretation of correlation value can be categorised into:

- 0.00-0.199 (very weak correlation)
- 0.20-0.399 (weak correlation)
- 0.40-0.599 (moderate correlation)
- 0.60-0.799 (strong correlation)
- 0.80-1.000 (very strong correlation)

Uraian Reliability and Result



PGI-S Aspect	Cronbach's Alpha Coeficients
Realistic	0,876
Investigative	0,862
Artistic	0,856
Social	0,856
Enterprising	0,875
Conventional	0,915

Cohen dan Swerdlik (2009) in *internal consistency* metode, reliable if the cronbach's alpha coeficients $> 0,8$

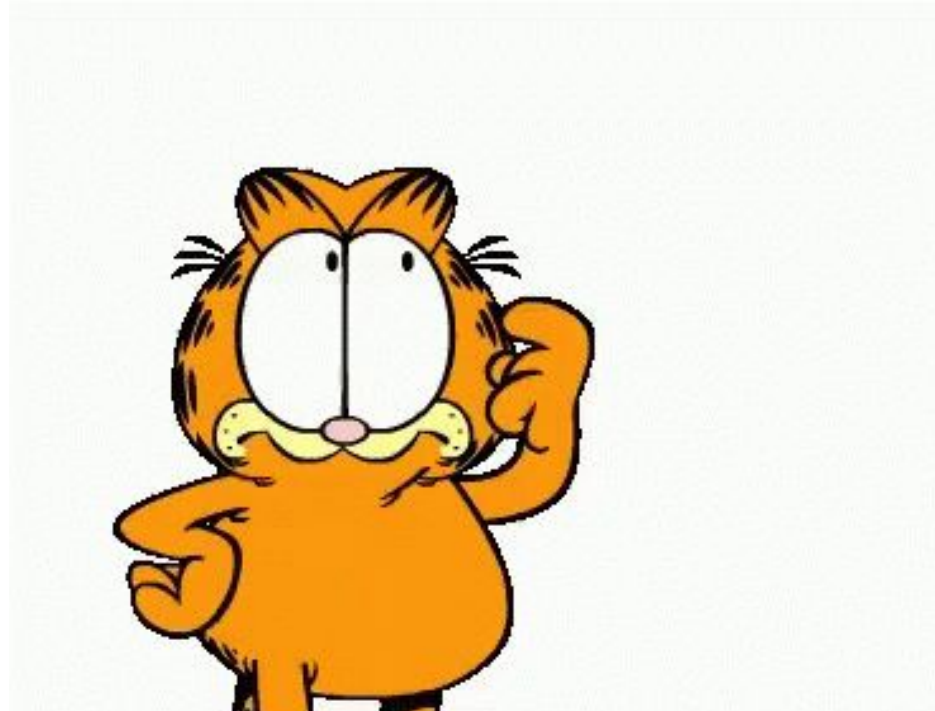
Limitation and Implication

Research Limitation



Research Implications





Research Questions :
Is PGI-S in Indonesia Languages valid and reliable?

Conclusions and Suggestions



Conclusions



Suggestions

PGI-S in Indonesia Language is valid and reliable

Thank

You



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APCDA

**Asia Pacific Career
Development Association**

CERTIFICATE OF RECOGNITION

FOR THE CONTRIBUTION OF

WILLIAM GUNAWAN

AS A PRESENTER ON THE TOPIC:

THE ASSESMENT OF VALIDITY AND RELIABILITY OF PERSONAL
GLOBE INVENTORY-SHORT IN INDONESIAN LANGUAGE

AT THE 2021 ASIA PACIFIC CAREER DEVELOPMENT ASSOCIATION VIRTUAL CONFERENCE
ON TUESDAY, MAY 25
SESSION # 137

Signed: *Sing Chee Wong*
APCDA President, 2021

Signed: *Gulnur Ismayil*
Executive Director,