

OIP Reliability: SA Industrial Psychology students

Sample composition

Sample characteristics

Students in their third year at a university in Gauteng, studying Industrial Psychology. Students completed the questionnaires as part of their training requirements.

Frequency table: Sex				
Category	Count	Cumulative Count	Percent	Cumulative Percent
F	66	66	86.84211	86.8421
M	10	76	13.15789	100.0000
Missing	0	76	0.00000	100.0000

Frequency table: Age				
Category	Count	Cumulative Count	Percent	Cumulative Percent
18	1	1	1.31579	1.3158
19	20	21	26.31579	27.6316
20	32	53	42.10526	69.7368
21	11	64	14.47368	84.2105
22	6	70	7.89474	92.1053
24	2	72	2.63158	94.7368
25	1	73	1.31579	96.0526
28	1	74	1.31579	97.3684
35	2	76	2.63158	100.0000
Missing	0	76	0.00000	100.0000

Frequency table: Education				
Category	Count	Cumulative Count	Percent	Cumulative Percent
Degree	2	2	2.63158	2.6316
University entrance matri	68	70	89.47368	92.1053
Technikon	1	71	1.31579	93.4211
Grade 12	4	75	5.26316	98.6842
Post Graduate	1	76	1.31579	100.0000
Missing	0	76	0.00000	100.0000

Frequency table: First Language				
Category	Count	Cumulative Count	Percent	Cumulative Percent
English	11	11	14.47368	14.4737
Afrikaans	54	65	71.05263	85.5263
Sesotho	1	66	1.31579	86.8421
isiZulu	3	69	3.94737	90.7895
SWAZI	1	70	1.31579	92.1053
Setswana	1	71	1.31579	93.4211
isiXhosa	2	73	2.63158	96.0526
Missing	3	76	3.94737	100.0000

Frequency table: Race				
Category	Count	Cumulative Count	Percent	Cumulative Percent
Asian	4	4	5.26316	5.2632
European	60	64	78.94737	84.2105
African	10	74	13.15789	97.3684
Coloured	2	76	2.63158	100.0000
Missing	0	76	0.00000	100.0000

Internal consistency reliabilities (Coefficient Alpha) on OIP scales

Scale	Total Group N = 76	Home language not English N = 61
Need for Excitement	.851986120	.825916610
Stability	.848689377	.870526257
Need for Change	.690410941	.679790026
Need for People	.785073917	.804467797
Need for Control	.841896469	.830849571
Persuasive interest	.860885143	.873324687
Scientific interest	.809737792	.839347283
Practical interest	.824932509	.832062650
Administrative interest	.858601560	.850930525
Caring interest	.852958301	.815560257
Artistic/creative interest	.858732750	.875823915
Logical interest	.779531093	.782051233
Mean alpha	0.821952998	0.823387568

Standard error of measurement

	1	2	3	4
	ScaleName	SEM	SD	Reliability
1	Need for Excitement	2.46001	6.394186	0.851986
2	Stability	2.93559	7.546766	0.848689
3	Need for change	2.77770	4.992204	0.690411
4	Need for people	3.45852	7.460116	0.785074
5	Need for control	2.69604	6.780403	0.841896
6	Persuasive interest	3.14307	8.426889	0.860885
7	Scientific interest	3.15535	7.233875	0.809738
8	Practical/mechanical interest	3.09996	7.408897	0.824933
9	Administrative interest	2.95685	7.863339	0.858602
10	Caring interest	2.89384	7.546662	0.852958
11	Artistic/creative interest	3.18217	8.466487	0.858733
12	Logical/computational interest	3.20415	6.824003	0.779531