

JTI Reliability: Information Technology Applicants

Sample composition

Respondents were applicants for training or placement to a specialist consultancy operating in Gauteng. Race was coded from respondents' names. Whites and coloureds were coded WC. The minimum educational level was grade 12.

Frequency table: GENDER				
Category	Count	Cumulative Count	Percent	Cumulative Percent
Male	45	45	72.58065	72.5806
Female	16	61	25.80645	98.3871
Unknown	1	62	1.61290	100.0000
Missing	0	62	0.00000	100.0000

Frequency table: RACE				
Category	Count	Cumulative Count	Percent	Cumulative Percent
WC	28	28	45.16129	45.1613
A	10	38	16.12903	61.2903
B	22	60	35.48387	96.7742
Missing	2	62	3.22581	100.0000

Descriptive Statistics AGE						
Variable	Mean	Std.Dev	Minimum	Maximum	N	No.cases Missing
AGE	23.43548	4.355592	0.00	31.00000	62	0

Descriptive statistics on JTI scales

Variable	Descriptive Statistics				
	Valid N	Mean	Minimum	Maximum	Std.Dev.
EI Extraversion - Introversion	62	24.46774	1.00000	46.00000	9.044005
SN Sensing - Intuiting	62	35.53226	19.00000	51.00000	6.540461
TF Thinking - Feeling	62	35.01613	15.00000	49.00000	6.749601
JP Judgment - Perception	62	20.87097	4.00000	39.00000	7.442642

Internal consistency reliabilities

JTI Scale	Coefficient Alpha
Extraversion-Introversion	.840961
Sensing-Intuiting	.689844
Thinking-Feeling	.709406
Judgment-Perception	.735848
Mean Alpha	0.744015

Standard error of measurement

	1	2	3	4
	ScaleName	SEM	SD	Reliability
1	Extraversion - Introversion	3.60672	9.044005	0.840961
2	Sensing - Intuiting	3.64249	6.540461	0.689844
3	Thinking - Feeling	3.63849	6.749601	0.709406
4	Judgment - Perception	3.82520	7.442642	0.735848