

## OIP Reliability: SA grade 9 pupils at an English-medium school

### **Sample composition**

South African scholars at an English medium government school, tested for vocational guidance purposes.

Data were collected in 2001.

Frequency table: Race				
Category	Count	Cumulative Count	Percent	Cumulative Percent
WC	202	202	78.29457	78.2946
B	44	246	17.05426	95.3488
A	12	258	4.65116	100.0000
Missing	0	258	0.00000	100.0000

Race was coded based on respondents' names.

Whites and coloureds were coded WC.

Frequency table: Sex				
Category	Count	Cumulative Count	Percent	Cumulative Percent
F	124	124	48.06202	48.0620
M	129	253	50.00000	98.0620
Error	5	258	1.93798	100.0000
Missing	0	258	0.00000	100.0000

Frequency table: Age				
Category	Count	Cumulative Count	Percent	Cumulative Percent
14	74	74	28.68217	28.6822
15	149	223	57.75194	86.4341
16	31	254	12.01550	98.4496
17	1	255	0.38760	98.8372
19	1	256	0.38760	99.2248
Missing	2	258	0.77519	100.0000

**Internal consistency reliability (Coefficient Alpha) on OIP scales**

Scale	Coefficient Alpha (N=258)
Need for Excitement	.750598832
Stability	.804483757
Need for Change	.730592498
Need for People	.724641328
Need for Control	.785484818
Persuasive interest	.784470872
Scientific interest	.839297920
Practical interest	.739968588
Administrative interest	.808762207
Caring interest	.846746848
Artistic/creative interest	.893711364
Logical interest	.780835360
Mean alpha	<b>0.790799533</b>

**Standard error of measurement**

	1 ScaleName	2 SEM	3 SD	4 Reliability
1	Need for Excitement	3.036357	6.08	0.750599
2	Stability	3.117314	7.05	0.804484
3	Need for change	3.103888	5.98	0.730592
4	Need for people	3.86738	7.37	0.724641
5	Need for control	3.218947	6.95	0.785485
6	Persuasive interest	3.305468	7.12	0.784471
7	Scientific interest	3.162917	7.89	0.839298
8	Practical/mechanical i	3.467543	6.8	0.739969
9	Administrative interest	3.564056	8.15	0.808762
10	Caring interest	3.116146	7.96	0.846747
11	Artistic/creative interes	3.204771	9.83	0.893711
12	Logical/computational	3.408134	7.28	0.780835