

10-factor intuitive QoL Index	QoL index code	Variable *		QoL index code	7 factor solution	Variable	7-factor empirical solution
Infrastructure dimension	i1	Has been an improvement in the community		d3	0.724	Dwelling structure made of bricks or concrete	Infrastructure factor
	i2	Water is usually/always clean		i3	0.783	1.7 - Flush toilet facility	
	i3	Flush toilet facility		i4	0.630	1.4 - Piped water source	
	i4	Piped water source		i5	0.764	1.9 - Electricity supply	
	i5	Electricity supply		i6	0.709	1.8 - Rubbish disposal	
	i6	Rubbish disposal		e4	0.638	5.7_3 - Household assets: Television	
	i7	Have not had water/electricity cut off or been evicted		d1	-0.366	1.17 - Satisfaction: Dwelling	
Socio-political attitudes dimension	p1	Disagree that politics is a waste of time		p6	-0.653	6.6 - Satisfaction: National government	Satisfaction with government factor
	p2	Agree that elections were/will be free and fair		p7	-0.652	6.7 - Satisfaction: Provincial government	
	p3	Agree that judiciary is free from government influence		p8	-0.573	6.8 - Satisfaction: Local municipality	
	p4	Disagree that blacks and whites will never trust each other		r5	0.513	8.14 - Level of gov't done most to improve quality of life	Social participation factor
	p5	Believe foreigners should be allowed to stay		g4	0.361	6.32 - The country is going in the right direction	
	p6	Satisfaction: National government		p9	0.420	6.23 - Most government officials are doing their best?	
	p7	Satisfaction: Provincial government		p11	0.633	6.2 - Planning to vote in the 2016 local election	Life satisfaction factor
	p8	Satisfaction: Local municipality		r6	0.505	8.03 - Reason for not voting	
	p9	Most government officials are doing their best?		p10	0.482	6.4_3 - Attended Community development forum	
	p10	Attended Community development forum		r4	0.450	8.22 - Communication with municipality	Health status factor
	p11	Planning to vote in the 2016 local election		f3	0.533	7.2 - Satisfaction: Time to do things you want to do?	
	p12	Not been asked for a bribe		f2	0.603	7.4 - Satisfaction: Family	
Global life Satisfaction dimension	g1	Satisfaction: Life as a whole		c2	0.522	7.5 - Satisfaction: Friends	Social class factor
	g2	Disagree tht no-one cares about me		g1	0.442	7.9 - Satisfaction: Life as a whole	
	g3	Disagree that I cannot influence developments		w3	0.381	7.6 - Satisfaction: Standard of living	
	g4	The country is going in the right direction		f4	0.569	7.7 - Satisfaction: Leisure time	Safety factor
Family dimension	f1	Satisfied with marriage/relationship		h2	0.631	11.16 - Health status prevent from doing daily work?	
	f2	Satisfaction: Family		h3	0.630	11.17 - Health prevent from usual social activities?	
	f3	Satisfaction: Time to do the things you want to do?		h1	-0.443	11.15 - Health status in the past 4 weeks	Social class factor
	f4	Satisfaction: Leisure time		r3	0.352	5.02 - Never leave to go anywhere	
	f5	Children skipped meal past year?		h5	0.676	11.6 - Personally covered by medical aid	
Community dimension	c1	People in your community can be trusted		e2	0.560	12.1 - Highest level of education completed	Safety factor
	c2	Satisfaction: Friends		w6	0.649	12.10 - Total monthly income all household members	
	c3	It is important to look after the environment		f5	0.472	5.9 - Children skipped meal past year?	
	c4	Have participated in an organisation/club event		e5	0.495	5.7_5 - Household assets: Internet connection	Safety factor
Health dimension	h1	Health status in the past 4 weeks		w1	-0.402	7.1 - Satisfaction: money available to respondent?	
	h2	Health status prevent from doing daily work?		w4	-0.429	8.25 - Satisfaction: Working conditions in your job	
	h3	Health prevent from usual social activities?		w5	0.484	Employment Status	Safety factor
	h4	Did not fail to get/look for healthcare		s1	0.621	9.3 - How safe walking in your area during the day?	
	h5	Personally covered by medical aid		s2	0.520	9.4 - How safe walking in your area after dark?	
Dwelling dimension	d1	Satisfaction: Dwelling		s3	0.543	9.5 - How safe do you feel at home?	Safety factor
	d2	Satisfied with area where live		s4	0.534	9.1 - Crime improved or got worse?	
	d3	Dwelling structure made of bricks/concrete		c1	0.472	6.43 - People in your community can be trusted	
	d4	Dwelling is owned		s5	-0.370	9.2 - Have you been a victim of crime in the past year?	Safety factor
	d5	Not overcrowded/don't share one room with other households					
Connectivity dimension	e1	Press is free to write/say what it likes					
	e2	Highest level of education completed					
	e3	Have telephone or cellphone					
	e4	Household assets: Television					
Work dimension	e5	Household assets: Internet connection					
	w1	Satisfaction: money available to respondent?					
	w2	View as middle/upper class					
	w3	Satisfaction: Standard of living					
	w4	Satisfaction: Working conditions in your job					
	w5	Employment Status					
	w6	Total monthly income all household members					
Security dimension	w7	Not in debt					
	s1	How safe walking in your area during the day?					
	s2	How safe walking in your area after dark?					
	s3	How safe do you feel at home?					
	s4	Crime improved or got worse?					
	s5	Have you been a victim of crime in the past year?					

For example:

- 1) The yellow coloured Infrastructure factor in the empirical solution above draws its items from three dimensions in the intuitive 10-dimension solution: mainly Infrastructure, but also from Dwelling and Connectivity.
- 2) The tan coloured Life Satisfaction factor in the empirical solution above draws on items from four dimensions in the intuitive solution: mainly Family, but also Community, Global satisfaction, and Work.
- 3) The grey coloured Security factor in the empirical solution above draws all of the items from the Security dimension in the intuitive solution, plus a single item from the Community dimension.