Logistic Regression

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	**474**	**50.9**
	Missing Cases	**457**	**49.1**
	Total	**931**	**100.0**
Unselected Cases		**0**	**0.0**
Total		**931**	**100.0**

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Changed my mind about wanting to move to a sea or tree change location in Australia	**0**
Made the move within Australia in the last seven years	**1**

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	**512.601**	**1.080**
	2	**511.187**	**1.204**
	3	**511.186**	**1.209**
	4	**511.186**	**1.209**

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 511.186

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Movers vs Changed mind		
			Changed my mind about wanting to move to a sea or tree change location in Australia	Made the move within Australia in the last seven years	Percentage Correct
Step 0	Movers vs Changed mind	Changed my mind about wanting to move to a sea or tree change location in Australia	**0**	**109**	**0.0**
		Made the move within Australia in the last seven years	**0**	**365**	**100.0**
	Overall Percentage				**77.0**

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	**1.209**	**0.109**	**122.594**	**1**	**0.000**	**3.349**

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	1. Life quality	**43.521**	**1**	**0.000**
		2. Community & connection	**12.600**	**1**	**0.000**
		3. Economic benefits	**0.512**	**1**	**0.474**
		4. Anti Consumerism & digital demands	**5.538**	**1**	**0.019**
		5. New work life	**0.269**	**1**	**0.604**
		6. Better weather	**8.171**	**1**	**0.004**
		7. Followers	**3.444**	**1**	**0.063**
		8. Life event	**0.042**	**1**	**0.838**
		9. Retirement	**14.438**	**1**	**0.000**
	Overall Statistics		**57.597**	**9**	**0.000**

Block 1: Method = Enter

Iteration History[a,b,c,d]

			Coefficients									
Iteration		-2 Log likelihood	Constant	1. Life quality	2. Community & connection	3. Economic benefits	4. Anti Consumerism & digital demands	5. New work life	6. Better weather	7. Followers	8. Life event	9. Retirement
Step 1	1	**461.892**	**-2.165**	**1.018**	**-0.003**	**-0.121**	**-0.330**	**-0.042**	**-0.045**	**0.103**	**0.004**	**0.218**
	2	**450.784**	**-3.183**	**1.511**	**-0.020**	**-0.219**	**-0.519**	**-0.090**	**-0.076**	**0.153**	**0.010**	**0.355**
	3	**450.372**	**-3.396**	**1.631**	**-0.026**	**-0.251**	**-0.568**	**-0.107**	**-0.083**	**0.164**	**0.013**	**0.393**
	4	**450.371**	**-3.405**	**1.637**	**-0.026**	**-0.253**	**-0.570**	**-0.108**	**-0.083**	**0.164**	**0.013**	**0.395**
	5	**450.371**	**-3.405**	**1.637**	**-0.026**	**-0.253**	**-0.570**	**-0.108**	**-0.083**	**0.164**	**0.013**	**0.395**

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 511.186

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	**60.814**	**9**	**0.000**
	Block	**60.814**	**9**	**0.000**
	Model	**60.814**	**9**	**0.000**

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	**450.371[a]**	**0.120**	**0.182**

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	**5.427**	**8**	**0.711**

Contingency Table for Hosmer and Lemeshow Test

		wanting to move to a sea or tree change location in		the move within Australia in the last		
		Observed	Expected	Observed	Expected	Total
Step 1	1	**24**	**26.349**	**23**	**20.651**	**47**
	2	**21**	**18.351**	**26**	**28.649**	**47**
	3	**14**	**14.453**	**33**	**32.547**	**47**
	4	**13**	**12.228**	**34**	**34.772**	**47**
	5	**8**	**10.153**	**39**	**36.847**	**47**
	6	**10**	**8.509**	**37**	**38.491**	**47**
	7	**7**	**7.042**	**40**	**39.958**	**47**
	8	**7**	**5.423**	**40**	**41.577**	**47**
	9	**5**	**4.045**	**42**	**42.955**	**47**
	10	**0**	**2.446**	**51**	**48.554**	**51**

Classification Table[a]

			Predicted		
			Movers vs Changed mind		
Observed			Changed my mind about wanting to move to a sea or tree change location in Australia	Made the move within Australia in the last seven years	Percentage Correct
Step 1	Movers vs Changed mind	Changed my mind about wanting to move to a sea or tree change location in Australia	**13**	**96**	**11.9**
		Made the move within Australia in the last seven years	**15**	**350**	**95.9**
	Overall Percentage				**76.6**

a. The cut value is .500

Variables in the Equation

								95% C.I.for EXP(B)	
		B	S.E.	Wald	df	Sig.	Exp(B)	Lower	Upper
Step 1[a]	1. Quality of life	**1.637**	**0.318**	**26.478**	**1**	**0.000**	**5.140**	**2.755**	**9.588**
	2. Community & connection	**-0.026**	**0.201**	**0.017**	**1**	**0.898**	**0.974**	**0.657**	**1.446**
	3. Economic benefits	**-0.253**	**0.169**	**2.230**	**1**	**0.135**	**0.777**	**0.558**	**1.082**
	4. Anti Consumerism & digital demands	**-0.570**	**0.241**	**5.588**	**1**	**0.018**	**0.566**	**0.353**	**0.907**
	5. New work life	**-0.108**	**0.158**	**0.468**	**1**	**0.494**	**0.898**	**0.659**	**1.223**
	6. Better weather	**-0.083**	**0.177**	**0.222**	**1**	**0.638**	**0.920**	**0.651**	**1.301**
	7. Followers	**0.164**	**0.108**	**2.297**	**1**	**0.130**	**1.179**	**0.953**	**1.458**
	8. Life event	**0.013**	**0.155**	**0.007**	**1**	**0.933**	**1.013**	**0.748**	**1.372**
	9. Retirement	**0.395**	**0.137**	**8.344**	**1**	**0.004**	**1.485**	**1.136**	**1.942**
	Constant	**-3.405**	**0.936**	**13.224**	**1**	**0.000**	**0.033**		

a. Variable(s) entered on step 1: 1. Life quality, 2. Community & connection, 3. Economic benefits, 4. Anti Consumerism & digital demands, 5. New work life, 6. Better weather, 7. Followers, 8. Life event, 9. Retirement.

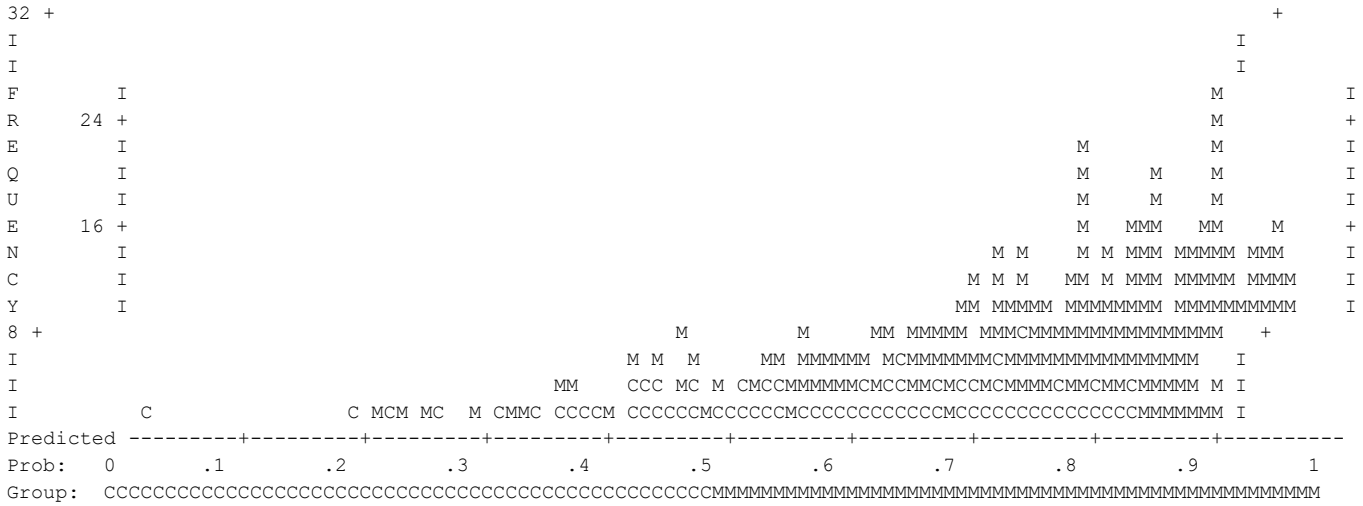
Correlation Matrix

		Constant	1. Life quality	2. Community & connection	3. Economic benefits	4. Anti Consumerism & digital demands	5. New work life	6. Better weather	7. Followers	8. Life event	9. Retirement
Step 1	Constant	**1.000**	**-0.367**	**-0.027**	**-0.192**	**-0.032**	**-0.177**	**-0.214**	**-0.191**	**-0.102**	**-0.073**
	1. Life quality	**-0.367**	**1.000**	**-0.331**	**-0.249**	**-0.518**	**0.138**	**-0.349**	**0.106**	**0.128**	**0.021**
	2. Community & connection	**-0.027**	**-0.331**	**1.000**	**-0.073**	**-0.099**	**-0.034**	**-0.087**	**-0.229**	**0.013**	**-0.030**

3. Economic benefits	**-0.192**	**-0.249**	**-0.073**	**1.000**	**-0.024**	**-0.036**	**0.095**	**0.044**	**-0.178**	**-0.052**
4. Anti Consumerism & digital demands	**-0.032**	**-0.518**	**-0.099**	**-0.024**	**1.000**	**-0.127**	**0.150**	**-0.033**	**-0.164**	**-0.189**
5. New work life	**-0.177**	**0.138**	**-0.034**	**-0.036**	**-0.127**	**1.000**	**-0.067**	**-0.083**	**-0.198**	**-0.191**
6. Better weather	**-0.214**	**-0.349**	**-0.087**	**0.095**	**0.150**	**-0.067**	**1.000**	**-0.065**	**-0.077**	**-0.034**
7. Followers	**-0.191**	**0.106**	**-0.229**	**0.044**	**-0.033**	**-0.083**	**-0.065**	**1.000**	**-0.063**	**-0.011**
8. Life event	**-0.102**	**0.128**	**0.013**	**-0.178**	**-0.164**	**-0.198**	**-0.077**	**-0.063**	**1.000**	**-0.115**
9. Retirement	**-0.073**	**0.021**	**-0.030**	**-0.052**	**-0.189**	**-0.191**	**-0.034**	**-0.011**	**-0.115**	**1.000**

Step number: 1

Observed Groups and Predicted Probabilities



Predicted Probability is of Membership for Made the move within Australia in the last seven years
The Cut Value is .50
Symbols: C - Changed my mind about wanting to move to a sea or tree change location in Australia
M - Made the move within Australia in the last seven years
Each Symbol Represents 2 Cases.