```
LOGISTIC REGRESSION VARIABLES   q12a
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	206	55.7
	Missing Cases	164	44.3
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	20	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	95	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	193	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	162	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	162	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	122	.000		
	no	84	1.000		
Full-time Enrollment		93	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	137	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted		
			q12a Percentage		
			Do Not Use	Use	Correct
Step 0	q12a	Do Not Use	0	94	.0
		Use	0	112	100.0
	Overall Percentage				54.4

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	.175	.140	1.569	1	.210	1.191

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	9.711	1	.002
		age	3.218	2	.200
		age(1)	.997	1	.318
		age(2)	2.440	1	.118
		nation(1)	4.086	1	.043
		thesis(1)	7.576	1	.006
		enrol(1)	1.555	1	.212
		english	.003	1	.960
		major	19.444	9	.022
		major(1)	.874	1	.350
		major(2)	.170	1	.680

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	8.347	1	.004
		major(4)	2.131	1	.144
		major(5)	.426	1	.514
		major(6)	3.346	1	.067
		major(7)	5.117	1	.024
		major(8)	.081	1	.776
		major(9)	.402	1	.526
		studying	8.570	2	.014
		studying(1)	5.881	1	.015
		studying(2)	2.440	1	.118
		q9	4.140	3	.247
		q9(1)	.016	1	.899
		q9(2)	.485	1	.486
		q9(3)	2.717	1	.099
		q10a	.594	1	.441
		q10b	4.537	1	.033
		q10c	.163	1	.686
		q10d	.220	1	.639
		q10e	.028	1	.866
		q20a	.080	1	.777
		q20b	1.932	1	.165
		q20c	.269	1	.604
		q20d	.000	1	.987
		q20e	.005	1	.944
		q20f	6.871	1	.009
		q20h	11.762	1	.001
		q20i	1.601	1	.206
		q22a	.631	1	.427
		q22b	.380	1	.538
		q22c	.167	1	.683
		q22d	.284	1	.594
		q22e	2.077	1	.150
		q22f	.505	1	.478
		q23a	.612	1	.434
		q23b	1.674	1	.196
		q23c	.055	1	.814
		q23d	.126	1	.723
		q23e	.272	1	.602

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.002	1	.963
		FAC2_1	.718	1	.397
		FAC3_1	3.145	1	.076
		FAC4_1	.003	1	.958
		FAC1_2	2.498	1	.114
		FAC2_2	.015	1	.903
		FAC3_2	3.387	1	.066
		FAC4_2	.345	1	.557
		FAC5_2	2.262	1	.133
		FAC6_2	13.613	1	.000
	Overall Statistics		70.183	55	.082

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	14.120	1	.000
	Block	14.120	1	.000
	Model	14.120	1	.000
Step 2	Step	11.049	1	.001
	Block	25.169	2	.000
	Model	25.169	2	.000
Step 3	Step	7.102	1	.008
	Block	32.271	3	.000
	Model	32.271	3	.000
Step 4	Step	8.192	2	.017
	Block	40.462	5	.000
	Model	40.462	5	.000
Step 5	Step	5.230	1	.022
	Block	45.692	6	.000
	Model	45.692	6	.000
Step 6	Step	4.687	1	.030
	Block	50.379	7	.000
	Model	50.379	7	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	269.882[a]	.066	.089
2	258.833[b]	.115	.154
3	251.731[b]	.145	.194
4	243.539[c]	.178	.238
5	238.309[c]	.199	.266
6	233.623[c]	.217	.290

a. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

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

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

Classification Table [a]

	Observed		Predicted		
			q12a		Percentage Correct
			Do Not Use	Use	
Step 1	q12a	Do Not Use	43	51	45.7
		Use	26	86	76.8
	Overall Percentage				62.6
Step 2	q12a	Do Not Use	48	46	51.1
		Use	28	84	75.0
	Overall Percentage				64.1
Step 3	q12a	Do Not Use	56	38	59.6
		Use	30	82	73.2
	Overall Percentage				67.0
Step 4	q12a	Do Not Use	54	40	57.4
		Use	29	83	74.1
	Overall Percentage				66.5
Step 5	q12a	Do Not Use	57	37	60.6
		Use	30	82	73.2
	Overall Percentage				67.5
Step 6	q12a	Do Not Use	61	33	64.9
		Use	30	82	73.2
	Overall Percentage				69.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	FAC6_2	.568	.160	12.578	1	.000	1.764
	Constant	.226	.146	2.409	1	.121	1.254
Step 2[b]	q20h	.287	.089	10.432	1	.001	1.332
	FAC6_2	.563	.163	11.908	1	.001	1.755
	Constant	-1.232	.475	6.717	1	.010	.292
Step 3[c]	gender(1)	.847	.321	6.977	1	.008	2.332
	q20h	.262	.092	8.163	1	.004	1.300
	FAC6_2	.572	.167	11.789	1	.001	1.771
	Constant	-1.661	.522	10.138	1	.001	.190
Step 4[d]	gender(1)	.782	.330	5.602	1	.018	2.185
	studying				5.819	2	.055
	studying (1)	-2.311	1.110	4.334	1	.037	.099
	studying (2)	-1.455	1.159	1.577	1	.209	.233
	q20h	.279	.093	8.990	1	.003	1.321
	FAC6_2	.567	.169	11.313	1	.001	1.763
	Constant	-1.591	.524	9.222	1	.002	.204
Step 5[e]	gender(1)	.830	.335	6.142	1	.013	2.292
	studying				6.454	2	.040
	studying (1)	-2.409	1.123	4.604	1	.032	.090
	studying (2)	-1.626	1.155	1.981	1	.159	.197
	q20h	.322	.097	11.049	1	.001	1.379
	FAC5_2	-.373	.166	5.049	1	.025	.688
	FAC6_2	.569	.173	10.842	1	.001	1.767
	Constant	-1.832	.545	11.280	1	.001	.160

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 6[f]	gender(1)	.790	.339	5.431	1	.020	2.203
	studying			7.608	2	.022	
	studying (1)	-2.727	1.132	5.808	1	.016	.065
	studying (2)	-1.634	1.164	1.970	1	.160	.195
	q20f	.174	.081	4.604	1	.032	1.190
	q20h	.290	.098	8.706	1	.003	1.337
	FAC5_2	-.377	.167	5.068	1	.024	.686
	FAC6_2	.547	.170	10.375	1	.001	1.729
	Constant	-2.365	.613	14.873	1	.000	.094

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	FAC6_2	1.289	2.414
	Constant		
Step 2[b]	q20h	1.119	1.586
	FAC6_2	1.275	2.416
	Constant		
Step 3[c]	gender(1)	1.244	4.370
	q20h	1.086	1.556
	FAC6_2	1.278	2.455
	Constant		
Step 4[d]	gender(1)	1.144	4.174
	studying		
	studying (1)	.011	.873
	studying (2)	.024	2.262
	q20h	1.101	1.586
	FAC6_2	1.267	2.454
	Constant		
Step 5[e]	gender(1)	1.189	4.418
	studying		
	studying (1)	.010	.812
	studying (2)	.020	1.893
	q20h	1.141	1.667
	FAC5_2	.497	.953
	FAC6_2	1.259	2.480
	Constant		

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 6[f]	gender(1)	1.134	4.280
	studying		
	studying (1)	.007	.601
	studying (2)	.020	1.911
	q20f	1.015	1.394
	q20h	1.102	1.621
	FAC5_2	.494	.952
	FAC6_2	1.239	2.412
	Constant		

a. Variable(s) entered on step 1: FAC6_2.

b. Variable(s) entered on step 2: q20h.

c. Variable(s) entered on step 3: gender.

d. Variable(s) entered on step 4: studying.

e. Variable(s) entered on step 5: FAC5_2.

f. Variable(s) entered on step 6: q20f.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	FAC6_2	-142.001	14.120	1	.000
Step 2	q20h	-134.941	11.049	1	.001
	FAC6_2	-136.025	13.217	1	.000
Step 3	gender	-129.416	7.102	1	.008
	q20h	-130.140	8.549	1	.003
	FAC6_2	-132.462	13.192	1	.000
Step 4	gender	-124.599	5.659	1	.017
	studying	-125.866	8.192	2	.017
	q20h	-126.490	9.440	1	.002
	FAC6_2	-128.075	12.610	1	.000
Step 5	gender	-122.269	6.229	1	.013
	studying	-123.639	8.968	2	.011
	q20h	-125.060	11.811	1	.001
	FAC5_2	-121.770	5.230	1	.022
	FAC6_2	-125.220	12.130	1	.000
Step 6	gender	-119.557	5.491	1	.019
	studying	-122.215	10.807	2	.005
	q20f	-119.155	4.687	1	.030
	q20h	-121.383	9.144	1	.002
	FAC5_2	-119.421	5.219	1	.022
	FAC6_2	-122.555	11.487	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	9.571	1	.002
		age	2.848	2	.241
		age(1)	.603	1	.437
		age(2)	2.415	1	.120
		nation(1)	3.026	1	.082
		thesis(1)	5.130	1	.024
		enrol(1)	2.382	1	.123
		english	.196	1	.658
		major	14.901	9	.094
		major(1)	.126	1	.722
		major(2)	.045	1	.831

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	major(3)	7.127	1	.008
		major(4)	1.347	1	.246
		major(5)	1.270	1	.260
		major(6)	2.608	1	.106
		major(7)	3.046	1	.081
		major(8)	.002	1	.961
		major(9)	.292	1	.589
		studying	7.935	2	.019
		studying(1)	4.864	1	.027
		studying(2)	2.834	1	.092
		q9	4.069	3	.254
		q9(1)	.313	1	.576
		q9(2)	.010	1	.919
		q9(3)	2.835	1	.092
		q10a	.241	1	.624
		q10b	2.805	1	.094
		q10c	.164	1	.685
		q10d	.690	1	.406
		q10e	.418	1	.518
		q20a	.275	1	.600
		q20b	1.381	1	.240
		q20c	1.188	1	.276
		q20d	.045	1	.833
		q20e	.019	1	.889
		q20f	6.351	1	.012
		q20h	10.965	1	.001
		q20i	.383	1	.536
		q22a	1.103	1	.294
		q22b	.000	1	.995
		q22c	.589	1	.443
		q22d	.187	1	.665
		q22e	.917	1	.338
		q22f	.757	1	.384
		q23a	.858	1	.354
		q23b	.471	1	.492
		q23c	.031	1	.861
		q23d	.086	1	.770
		q23e	.289	1	.591

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	FAC1_1	.004	1	.951
		FAC2_1	.569	1	.451
		FAC3_1	1.170	1	.279
		FAC4_1	.094	1	.760
		FAC1_2	2.678	1	.102
		FAC2_2	.060	1	.807
		FAC3_2	3.021	1	.082
		FAC4_2	.183	1	.668
		FAC5_2	1.736	1	.188
	Overall Statistics		59.357	54	.287

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	7.126	1	.008
		age	2.823	2	.244
		age(1)	.168	1	.682
		age(2)	2.744	1	.098
		nation(1)	3.736	1	.053
		thesis(1)	2.425	1	.119
		enrol(1)	1.753	1	.186
		english	.091	1	.763
		major	11.890	9	.220
		major(1)	.000	1	.996
		major(2)	.032	1	.859
		major(3)	4.640	1	.031
		major(4)	.493	1	.483
		major(5)	1.171	1	.279
		major(6)	2.827	1	.093
		major(7)	3.159	1	.076
		major(8)	.174	1	.677
		major(9)	.003	1	.959
		studying	9.002	2	.011
		studying(1)	5.926	1	.015
		studying(2)	2.820	1	.093
		q9	3.792	3	.285
		q9(1)	.292	1	.589
		q9(2)	.000	1	.998
		q9(3)	2.733	1	.098
		q10a	.099	1	.753
		q10b	3.103	1	.078
		q10c	.000	1	.992
		q10d	.505	1	.477
		q10e	.878	1	.349
		q20a	.112	1	.738
		q20b	.721	1	.396
		q20c	.952	1	.329
		q20d	1.300	1	.254
		q20e	.676	1	.411
		q20f	3.496	1	.062
		q20i	.896	1	.344
		q22a	.653	1	.419

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22b	.017	1	.898
		q22c	.521	1	.470
		q22d	.140	1	.709
		q22e	.718	1	.397
		q22f	.572	1	.450
		q23a	.180	1	.671
		q23b	.003	1	.956
		q23c	.001	1	.976
		q23d	.020	1	.888
		q23e	.005	1	.946
		FAC1_1	.112	1	.738
		FAC2_1	.328	1	.567
		FAC3_1	.139	1	.709
		FAC4_1	.231	1	.631
		FAC1_2	.743	1	.389
		FAC2_2	.139	1	.709
		FAC3_2	2.874	1	.090
		FAC4_2	.002	1	.961
		FAC5_2	3.752	1	.053
	Overall Statistics		51.983	53	.514

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	age	1.873	2	.392
		age(1)	.489	1	.484
		age(2)	1.541	1	.215
		nation(1)	2.245	1	.134
		thesis(1)	1.409	1	.235
		enrol(1)	.455	1	.500
		english	.390	1	.532
		major	8.206	9	.514
		major(1)	.046	1	.830
		major(2)	.001	1	.979
		major(3)	2.335	1	.126
		major(4)	.213	1	.644
		major(5)	1.029	1	.310
		major(6)	1.764	1	.184
		major(7)	2.257	1	.133
		major(8)	.249	1	.618
		major(9)	.008	1	.927
		studying	7.529	2	.023
		studying(1)	5.696	1	.017
		studying(2)	1.602	1	.206
		q9	4.217	3	.239
		q9(1)	.185	1	.667
		q9(2)	.076	1	.783
		q9(3)	3.477	1	.062
		q10a	.079	1	.779
		q10b	1.503	1	.220
		q10c	.023	1	.880
		q10d	.200	1	.655
		q10e	.333	1	.564
		q20a	.019	1	.889
		q20b	.482	1	.487
		q20c	.538	1	.463
		q20d	.898	1	.343
		q20e	.558	1	.455
		q20f	2.872	1	.090
		q20i	1.021	1	.312
		q22a	1.899	1	.168
		q22b	.381	1	.537

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	1.268	1	.260
		q22d	.138	1	.711
		q22e	.979	1	.322
		q22f	.122	1	.727
		q23a	.577	1	.448
		q23b	.016	1	.901
		q23c	.015	1	.901
		q23d	.001	1	.976
		q23e	.026	1	.873
		FAC1_1	.139	1	.709
		FAC2_1	.039	1	.843
		FAC3_1	.018	1	.893
		FAC4_1	.287	1	.592
		FAC1_2	.422	1	.516
		FAC2_2	.038	1	.845
		FAC3_2	1.595	1	.207
		FAC4_2	.001	1	.971
		FAC5_2	4.435	1	.035
	Overall Statistics		46.480	52	.690

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	age	3.208	2	.201
		age(1)	2.920	1	.087
		age(2)	.563	1	.453
		nation(1)	2.794	1	.095
		thesis(1)	2.612	1	.106
		enrol(1)	1.042	1	.307
		english	.861	1	.353
		major	7.013	9	.636
		major(1)	.071	1	.791
		major(2)	.016	1	.899
		major(3)	2.346	1	.126
		major(4)	.037	1	.847
		major(5)	.733	1	.392
		major(6)	1.649	1	.199
		major(7)	1.859	1	.173
		major(8)	.300	1	.584
		major(9)	.079	1	.778
		q9	2.804	3	.423
		q9(1)	.606	1	.436
		q9(2)	.164	1	.686
		q9(3)	1.716	1	.190
		q10a	.216	1	.642
		q10b	1.266	1	.261
		q10c	.448	1	.503
		q10d	.199	1	.655
		q10e	.060	1	.806
		q20a	.233	1	.629
		q20b	1.026	1	.311
		q20c	.804	1	.370
		q20d	.319	1	.572
		q20e	.116	1	.734
		q20f	4.713	1	.030
		q20i	.554	1	.457
		q22a	.365	1	.546
		q22b	1.570	1	.210
		q22c	1.057	1	.304
		q22d	.003	1	.957
		q22e	1.107	1	.293

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q22f	.150	1	.698
		q23a	.108	1	.742
		q23b	.017	1	.898
		q23c	.007	1	.932
		q23d	.008	1	.928
		q23e	.029	1	.865
		FAC1_1	.055	1	.814
		FAC2_1	.003	1	.955
		FAC3_1	.388	1	.534
		FAC4_1	.306	1	.580
		FAC1_2	.422	1	.516
		FAC2_2	1.096	1	.295
		FAC3_2	1.106	1	.293
		FAC4_2	.015	1	.903
		FAC5_2	5.201	1	.023
	Overall Statistics		41.098	50	.811

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	age	3.230	2	.199
		age(1)	2.662	1	.103
		age(2)	.934	1	.334
		nation(1)	1.839	1	.175
		thesis(1)	2.032	1	.154
		enrol(1)	1.052	1	.305
		english	1.030	1	.310
		major	5.975	9	.742
		major(1)	.003	1	.953
		major(2)	.025	1	.874
		major(3)	1.834	1	.176
		major(4)	.153	1	.695
		major(5)	1.076	1	.300
		major(6)	1.148	1	.284
		major(7)	1.418	1	.234
		major(8)	.064	1	.800
		major(9)	.206	1	.650
		q9	2.376	3	.498
		q9(1)	.606	1	.436
		q9(2)	.090	1	.764
		q9(3)	1.340	1	.247
		q10a	.387	1	.534
		q10b	.908	1	.341
		q10c	.390	1	.532
		q10d	.417	1	.519
		q10e	.017	1	.897
		q20a	.047	1	.829
		q20b	.428	1	.513
		q20c	.952	1	.329
		q20d	.708	1	.400
		q20e	.146	1	.702
		q20f	4.693	1	.030
		q20i	1.410	1	.235
		q22a	.397	1	.528
		q22b	1.496	1	.221
		q22c	1.458	1	.227
		q22d	.005	1	.943
		q22e	.988	1	.320

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	q22f	.406	1	.524
		q23a	.260	1	.610
		q23b	.126	1	.722
		q23c	.021	1	.885
		q23d	.052	1	.819
		q23e	.001	1	.971
		FAC1_1	.000	1	.998
		FAC2_1	.000	1	.990
		FAC3_1	.095	1	.758
		FAC4_1	.067	1	.796
		FAC1_2	.614	1	.433
		FAC2_2	.901	1	.343
		FAC3_2	1.237	1	.266
		FAC4_2	.036	1	.850
	Overall Statistics		37.638	49	.881

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	age	2.165	2	.339
		age(1)	1.930	1	.165
		age(2)	.428	1	.513
		nation(1)	2.165	1	.141
		thesis(1)	1.291	1	.256
		enrol(1)	.843	1	.359
		english	.375	1	.540
		major	6.080	9	.732
		major(1)	.011	1	.917
		major(2)	.160	1	.689
		major(3)	1.803	1	.179
		major(4)	.255	1	.613
		major(5)	1.184	1	.276
		major(6)	.813	1	.367
		major(7)	1.688	1	.194
		major(8)	.007	1	.931
		major(9)	.298	1	.585
		q9	2.768	3	.429
		q9(1)	.399	1	.528
		q9(2)	.061	1	.805
		q9(3)	1.951	1	.162
		q10a	.158	1	.691
		q10b	1.789	1	.181
		q10c	.020	1	.886
		q10d	.039	1	.843
		q10e	.080	1	.777
		q20a	.236	1	.627
		q20b	.437	1	.509
		q20c	.098	1	.754
		q20d	1.852	1	.174
		q20e	1.325	1	.250
		q20i	2.093	1	.148
		q22a	.451	1	.502
		q22b	.555	1	.456
		q22c	.789	1	.374
		q22d	.056	1	.812
		q22e	.884	1	.347
		q22f	.559	1	.455

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	q23a	.021	1	.885
		q23b	.065	1	.799
		q23c	.001	1	.974
		q23d	.045	1	.833
		q23e	.161	1	.688
		FAC1_1	.109	1	.741
		FAC2_1	.201	1	.654
		FAC3_1	.076	1	.783
		FAC4_1	.031	1	.861
		FAC1_2	.076	1	.783
		FAC2_2	.142	1	.707
		FAC3_2	.979	1	.322
		FAC4_2	.090	1	.764
	Overall Statistics		33.838	48	.939

```
LOGISTIC REGRESSION VARIABLES   q12b
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	206	55.7
	Missing Cases	164	44.3
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	20	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	95	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	193	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	162	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	162	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	122	.000		
	no	84	1.000		
Full-time Enrollment		93	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	137	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

			Predicted		
			q12b		Percentage
	Observed		Do Not Use	Use	Correct
Step 0	q12b	Do Not Use	142	0	100.0
		Use	64	0	.0
	Overall Percentage				68.9

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	-.797	.151	28.019	1	.000	.451

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.668	1	.414
		age	.516	2	.773
		age(1)	.184	1	.668
		age(2)	.293	1	.588
		nation(1)	1.497	1	.221
		thesis(1)	1.576	1	.209
		enrol(1)	.112	1	.738
		english	8.922	1	.003
		major	14.962	9	.092
		major(1)	3.171	1	.075
		major(2)	.381	1	.537

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	2.261	1	.133
		major(4)	.012	1	.914
		major(5)	.293	1	.588
		major(6)	.166	1	.684
		major(7)	.414	1	.520
		major(8)	5.743	1	.017
		major(9)	1.123	1	.289
		studying	2.492	2	.288
		studying(1)	.143	1	.705
		studying(2)	2.310	1	.129
		q9	4.105	3	.250
		q9(1)	.493	1	.483
		q9(2)	2.596	1	.107
		q9(3)	.024	1	.878
		q10a	6.338	1	.012
		q10b	11.503	1	.001
		q10c	6.585	1	.010
		q10d	2.132	1	.144
		q10e	2.711	1	.100
		q20a	.061	1	.805
		q20b	.004	1	.948
		q20c	4.471	1	.034
		q20d	1.270	1	.260
		q20e	.115	1	.734
		q20f	6.470	1	.011
		q20h	.134	1	.715
		q20i	.623	1	.430
		q22a	.930	1	.335
		q22b	10.155	1	.001
		q22c	6.224	1	.013
		q22d	.125	1	.723
		q22e	1.631	1	.202
		q22f	.519	1	.471
		q23a	.656	1	.418
		q23b	.131	1	.717
		q23c	.197	1	.657
		q23d	.042	1	.837
		q23e	.127	1	.722

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.114	1	.735
		FAC2_1	3.783	1	.052
		FAC3_1	.208	1	.648
		FAC4_1	.007	1	.935
		FAC1_2	.014	1	.906
		FAC2_2	2.038	1	.153
		FAC3_2	.664	1	.415
		FAC4_2	6.941	1	.008
		FAC5_2	.499	1	.480
		FAC6_2	.963	1	.327
	Overall Statistics		63.951	55	.191

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.326	1	.000
	Block	12.326	1	.000
	Model	12.326	1	.000
Step 2	Step	5.184	1	.023
	Block	17.509	2	.000
	Model	17.509	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	242.967[a]	.058	.082
2	237.784[a]	.081	.115

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

Classification Table [a]

	Observed		Predicted		
			q12b		Percentage Correct
			Do Not Use	Use	
Step 1	q12b	Do Not Use	142	0	100.0
		Use	64	0	.0
	Overall Percentage				68.9
Step 2	q12b	Do Not Use	137	5	96.5
		Use	58	6	9.4
	Overall Percentage				69.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q10b	.324	.098	10.839	1	.001	1.382
	Constant	-2.394	.528	20.545	1	.000	.091
Step 2[b]	q10b	.264	.102	6.705	1	.010	1.302
	q22b	.177	.079	5.093	1	.024	1.194
	Constant	-2.750	.563	23.856	1	.000	.064

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q10b	1.140	1.676
	Constant		
Step 2[b]	q10b	1.066	1.590
	q22b	1.024	1.393
	Constant		

a. Variable(s) entered on step 1: q10b.

b. Variable(s) entered on step 2: q22b.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q10b	-127.647	12.326	1	.000
Step 2	q10b	-122.527	7.270	1	.007
	q22b	-121.484	5.184	1	.023

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	.002	1	.966
		age	.545	2	.762
		age(1)	.289	1	.591
		age(2)	.216	1	.642
		nation(1)	.350	1	.554
		thesis(1)	4.265	1	.039
		enrol(1)	1.542	1	.214
		english	3.893	1	.048
		major	11.756	9	.227
		major(1)	.030	1	.862
		major(2)	.279	1	.597
		major(3)	3.904	1	.048
		major(4)	1.239	1	.266
		major(5)	.001	1	.976
		major(6)	.112	1	.738
		major(7)	.048	1	.827
		major(8)	3.592	1	.058
		major(9)	1.190	1	.275
		studying	2.744	2	.254
		studying(1)	.557	1	.456
		studying(2)	2.123	1	.145
		q9	2.951	3	.399
		q9(1)	.329	1	.566
		q9(2)	1.933	1	.164
		q9(3)	.186	1	.667
		q10a	1.080	1	.299
		q10c	1.637	1	.201
		q10d	.125	1	.724
		q10e	.223	1	.636

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q20a	.037	1	.848
		q20b	1.028	1	.311
		q20c	1.484	1	.223
		q20d	.309	1	.578
		q20e	.541	1	.462
		q20f	4.629	1	.031
		q20h	.133	1	.716
		q20i	.803	1	.370
		q22a	.008	1	.930
		q22b	5.197	1	.023
		q22c	3.780	1	.052
		q22d	.798	1	.372
		q22e	1.340	1	.247
		q22f	.141	1	.707
		q23a	.822	1	.365
		q23b	.076	1	.783
		q23c	.041	1	.839
		q23d	.016	1	.901
		q23e	.293	1	.588
		FAC1_1	.526	1	.468
		FAC2_1	1.938	1	.164
		FAC3_1	.921	1	.337
		FAC4_1	.263	1	.608
		FAC1_2	.070	1	.792
		FAC2_2	.555	1	.456
		FAC3_2	.037	1	.847
		FAC4_2	4.919	1	.027
		FAC5_2	.246	1	.620
		FAC6_2	2.556	1	.110
	Overall Statistics		56.850	54	.369

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.033	1	.856
		age	.813	2	.666
		age(1)	.396	1	.529
		age(2)	.353	1	.553
		nation(1)	.491	1	.483
		thesis(1)	3.288	1	.070
		enrol(1)	1.532	1	.216
		english	3.372	1	.066
		major	11.380	9	.251
		major(1)	.013	1	.908
		major(2)	.529	1	.467
		major(3)	3.956	1	.047
		major(4)	2.376	1	.123
		major(5)	.005	1	.941
		major(6)	.073	1	.786
		major(7)	.115	1	.735
		major(8)	3.307	1	.069
		major(9)	1.270	1	.260
		studying	4.354	2	.113
		studying(1)	1.561	1	.211
		studying(2)	2.585	1	.108
		q9	2.943	3	.400
		q9(1)	.384	1	.535
		q9(2)	1.725	1	.189
		q9(3)	.694	1	.405
		q10a	1.701	1	.192
		q10c	1.086	1	.297
		q10d	.050	1	.823
		q10e	.253	1	.615
		q20a	.007	1	.934
		q20b	.697	1	.404
		q20c	.905	1	.341
		q20d	.158	1	.691
		q20e	.871	1	.351
		q20f	2.920	1	.088
		q20h	.243	1	.622
		q20i	.702	1	.402
		q22a	.173	1	.678

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22c	.890	1	.346
		q22d	2.171	1	.141
		q22e	1.739	1	.187
		q22f	1.015	1	.314
		q23a	1.782	1	.182
		q23b	.561	1	.454
		q23c	.097	1	.756
		q23d	.249	1	.618
		q23e	1.233	1	.267
		FAC1_1	.707	1	.401
		FAC2_1	.721	1	.396
		FAC3_1	.559	1	.455
		FAC4_1	.399	1	.528
		FAC1_2	.015	1	.903
		FAC2_2	.002	1	.960
		FAC3_2	.015	1	.903
		FAC4_2	3.542	1	.060
		FAC5_2	.396	1	.529
		FAC6_2	3.465	1	.063
	Overall Statistics		51.702	53	.525

```
LOGISTIC REGRESSION VARIABLES   q12c
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	206	55.7
	Missing Cases	164	44.3
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	20	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	95	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	193	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	162	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	162	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	122	.000		
	no	84	1.000		
Full-time Enrollment		93	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	137	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q12c		Percentage Correct
			Do Not Use	Use	
Step 0	q12c	Do Not Use	131	0	100.0
		Use	75	0	.0
	Overall Percentage				63.6

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	-.558	.145	14.835	1	.000	.573

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	4.454	1	.035
		age	.966	2	.617
		age(1)	.443	1	.506
		age(2)	.596	1	.440
		nation(1)	4.465	1	.035
		thesis(1)	9.422	1	.002
		enrol(1)	18.694	1	.000
		english	13.625	1	.000
		major	28.047	9	.001
		major(1)	15.715	1	.000
		major(2)	2.576	1	.109

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	2.780	1	.095
		major(4)	.869	1	.351
		major(5)	.596	1	.440
		major(6)	.224	1	.636
		major(7)	4.942	1	.026
		major(8)	4.338	1	.037
		major(9)	1.667	1	.197
		studying	5.843	2	.054
		studying(1)	5.354	1	.021
		studying(2)	.596	1	.440
		q9	6.841	3	.077
		q9(1)	.185	1	.667
		q9(2)	1.850	1	.174
		q9(3)	4.021	1	.045
		q10a	4.260	1	.039
		q10b	18.616	1	.000
		q10c	1.574	1	.210
		q10d	1.548	1	.213
		q10e	2.193	1	.139
		q20a	.000	1	1.000
		q20b	4.041	1	.044
		q20c	2.740	1	.098
		q20d	.019	1	.891
		q20e	.603	1	.438
		q20f	.005	1	.942
		q20h	3.776	1	.052
		q20i	4.688	1	.030
		q22a	.405	1	.524
		q22b	6.607	1	.010
		q22c	1.650	1	.199
		q22d	1.248	1	.264
		q22e	.095	1	.758
		q22f	3.904	1	.048
		q23a	1.451	1	.228
		q23b	.129	1	.720
		q23c	3.118	1	.077
		q23d	.480	1	.488
		q23e	1.139	1	.286

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.314	1	.575
		FAC2_1	2.512	1	.113
		FAC3_1	1.817	1	.178
		FAC4_1	.816	1	.366
		FAC1_2	.127	1	.721
		FAC2_2	2.958	1	.085
		FAC3_2	.100	1	.752
		FAC4_2	1.598	1	.206
		FAC5_2	.216	1	.642
		FAC6_2	6.043	1	.014
	Overall Statistics		72.540	55	.057

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	19.344	1	.000
	Block	19.344	1	.000
	Model	19.344	1	.000
Step 2	Step	13.457	1	.000
	Block	32.801	2	.000
	Model	32.801	2	.000
Step 3	Step	6.266	1	.012
	Block	39.068	3	.000
	Model	39.068	3	.000
Step 4	Step	5.873	1	.015
	Block	44.941	4	.000
	Model	44.941	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	250.816[a]	.090	.123
2	237.359[a]	.147	.201
3	231.092[b]	.173	.236
4	225.219[b]	.196	.268

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

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

Classification Table [a]

	Observed		Predicted q12c		Percentage Correct
			Do Not Use	Use	
Step 1	q12c	Do Not Use	131	0	100.0
		Use	75	0	.0
	Overall Percentage				63.6
Step 2	q12c	Do Not Use	106	25	80.9
		Use	40	35	46.7
	Overall Percentage				68.4
Step 3	q12c	Do Not Use	105	26	80.2
		Use	37	38	50.7
	Overall Percentage				69.4
Step 4	q12c	Do Not Use	107	24	81.7
		Use	36	39	52.0
	Overall Percentage				70.9

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	enrol(1)	1.342	.319	17.733	1	.000	3.826
	Constant	-1.360	.257	27.947	1	.000	.257
Step 2[b]	enrol(1)	1.146	.330	12.023	1	.001	3.145
	q10b	.344	.100	11.964	1	.001	1.411
	Constant	-2.939	.552	28.320	1	.000	.053
Step 3[c]	enrol(1)	1.288	.343	14.078	1	.000	3.626
	q10b	.322	.101	10.146	1	.001	1.380
	FAC6_2	-.413	.168	6.041	1	.014	.662
	Constant	-2.975	.568	27.457	1	.000	.051
Step 4[d]	enrol(1)	1.314	.349	14.222	1	.000	3.723
	english	.365	.153	5.656	1	.017	1.440
	q10b	.252	.105	5.704	1	.017	1.286
	FAC6_2	-.409	.172	5.636	1	.018	.664
	Constant	-4.623	.951	23.618	1	.000	.010

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	enrol(1)	2.049	7.146
	Constant		
Step 2[b]	enrol(1)	1.646	6.012
	q10b	1.161	1.715
	Constant		
Step 3[c]	enrol(1)	1.850	7.106
	q10b	1.132	1.682
	FAC6_2	.476	.920
	Constant		
Step 4[d]	enrol(1)	1.880	7.371
	english	1.066	1.945
	q10b	1.046	1.581
	FAC6_2	.474	.931
	Constant		

a. Variable(s) entered on step 1: enrol.

b. Variable(s) entered on step 2: q10b.

c. Variable(s) entered on step 3: FAC6_2.

d. Variable(s) entered on step 4: english.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	enrol	-135.080	19.344	1	.000
Step 2	enrol	-125.006	12.654	1	.000
	q10b	-125.408	13.457	1	.000
Step 3	enrol	-123.109	15.126	1	.000
	q10b	-121.120	11.147	1	.001
	FAC6_2	-118.679	6.266	1	.012
Step 4	enrol	-120.266	15.313	1	.000
	english	-115.546	5.873	1	.015
	q10b	-115.613	6.008	1	.014
	FAC6_2	-115.527	5.835	1	.016

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	1.183	1	.277
		age	1.225	2	.542
		age(1)	.553	1	.457
		age(2)	.765	1	.382
		nation(1)	4.015	1	.045
		thesis(1)	3.134	1	.077
		english	12.245	1	.000
		major	18.795	9	.027
		major(1)	8.032	1	.005
		major(2)	.734	1	.391
		major(3)	.931	1	.335
		major(4)	.571	1	.450
		major(5)	.765	1	.382
		major(6)	.042	1	.838
		major(7)	5.345	1	.021
		major(8)	2.636	1	.104
		major(9)	1.378	1	.241
		studying	10.812	2	.004
		studying(1)	10.197	1	.001
		studying(2)	.765	1	.382
		q9	8.425	3	.038
		q9(1)	.571	1	.450
		q9(2)	1.960	1	.162
		q9(3)	5.539	1	.019
		q10a	3.853	1	.050
		q10b	12.856	1	.000
		q10c	.867	1	.352
		q10d	1.781	1	.182
		q10e	2.122	1	.145
		q20a	.032	1	.859
		q20b	3.568	1	.059
		q20c	3.374	1	.066
		q20d	.103	1	.748
		q20e	.157	1	.692
		q20f	.166	1	.684
		q20h	2.939	1	.086
		q20i	3.843	1	.050
		q22a	.486	1	.485

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q22b	5.063	1	.024
		q22c	.563	1	.453
		q22d	.811	1	.368
		q22e	.123	1	.726
		q22f	.335	1	.563
		q23a	1.125	1	.289
		q23b	.005	1	.945
		q23c	2.793	1	.095
		q23d	.191	1	.662
		q23e	.507	1	.476
		FAC1_1	.319	1	.572
		FAC2_1	1.772	1	.183
		FAC3_1	1.005	1	.316
		FAC4_1	.654	1	.419
		FAC1_2	.259	1	.611
		FAC2_2	2.482	1	.115
		FAC3_2	.048	1	.827
		FAC4_2	1.021	1	.312
		FAC5_2	.100	1	.752
		FAC6_2	8.547	1	.003
	Overall Statistics		60.286	54	.259

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.259	1	.611
		age	.880	2	.644
		age(1)	.432	1	.511
		age(2)	.516	1	.472
		nation(1)	1.945	1	.163
		thesis(1)	1.449	1	.229
		english	6.281	1	.012
		major	9.838	9	.364
		major(1)	1.919	1	.166
		major(2)	.641	1	.423
		major(3)	.286	1	.593
		major(4)	.030	1	.863
		major(5)	.110	1	.741
		major(6)	.304	1	.581
		major(7)	3.668	1	.055
		major(8)	1.006	1	.316
		major(9)	1.610	1	.205
		studying	7.120	2	.028
		studying(1)	6.608	1	.010
		studying(2)	.599	1	.439
		q9	6.569	3	.087
		q9(1)	.774	1	.379
		q9(2)	1.563	1	.211
		q9(3)	4.223	1	.040
		q10a	.001	1	.970
		q10c	.275	1	.600
		q10d	.001	1	.979
		q10e	.021	1	.884
		q20a	.076	1	.782
		q20b	1.334	1	.248
		q20c	.720	1	.396
		q20d	.121	1	.728
		q20e	.840	1	.360
		q20f	.029	1	.864
		q20h	3.167	1	.075
		q20i	3.651	1	.056
		q22a	.097	1	.755
		q22b	1.880	1	.170

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22c	.037	1	.847
		q22d	.168	1	.682
		q22e	.015	1	.901
		q22f	.114	1	.736
		q23a	1.437	1	.231
		q23b	.020	1	.887
		q23c	2.397	1	.122
		q23d	.050	1	.823
		q23e	.460	1	.498
		FAC1_1	.055	1	.814
		FAC2_1	.533	1	.465
		FAC3_1	.354	1	.552
		FAC4_1	.260	1	.610
		FAC1_2	.305	1	.581
		FAC2_2	.674	1	.412
		FAC3_2	.994	1	.319
		FAC4_2	.311	1	.577
		FAC5_2	.459	1	.498
		FAC6_2	6.323	1	.012
	Overall Statistics		49.371	53	.616

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.244	1	.621
		age	1.126	2	.569
		age(1)	.752	1	.386
		age(2)	.462	1	.497
		nation(1)	1.607	1	.205
		thesis(1)	.637	1	.425
		english	5.840	1	.016
		major	7.377	9	.598
		major(1)	1.143	1	.285
		major(2)	.733	1	.392
		major(3)	.131	1	.717
		major(4)	.143	1	.705
		major(5)	.018	1	.892
		major(6)	.482	1	.488
		major(7)	2.483	1	.115
		major(8)	.802	1	.370
		major(9)	1.458	1	.227
		studying	6.753	2	.034
		studying(1)	6.326	1	.012
		studying(2)	.506	1	.477
		q9	5.658	3	.129
		q9(1)	.401	1	.527
		q9(2)	.693	1	.405
		q9(3)	4.379	1	.036
		q10a	.247	1	.619
		q10c	.067	1	.795
		q10d	.016	1	.900
		q10e	.483	1	.487
		q20a	.131	1	.718
		q20b	1.165	1	.281
		q20c	.392	1	.531
		q20d	.017	1	.896
		q20e	.766	1	.381
		q20f	.002	1	.963
		q20h	2.667	1	.102
		q20i	2.181	1	.140
		q22a	.091	1	.763
		q22b	1.151	1	.283

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	.000	1	.986
		q22d	.084	1	.771
		q22e	.349	1	.555
		q22f	.090	1	.764
		q23a	1.054	1	.305
		q23b	.340	1	.560
		q23c	2.408	1	.121
		q23d	.100	1	.752
		q23e	.447	1	.504
		FAC1_1	.132	1	.717
		FAC2_1	.728	1	.393
		FAC3_1	.023	1	.878
		FAC4_1	.111	1	.739
		FAC1_2	.261	1	.610
		FAC2_2	1.147	1	.284
		FAC3_2	1.104	1	.293
		FAC4_2	.284	1	.594
		FAC5_2	.723	1	.395
	Overall Statistics		44.728	52	.753

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	.180	1	.671
		age	.609	2	.738
		age(1)	.313	1	.576
		age(2)	.340	1	.560
		nation(1)	1.370	1	.242
		thesis(1)	1.200	1	.273
		major	7.765	9	.558
		major(1)	2.240	1	.135
		major(2)	.891	1	.345
		major(3)	.053	1	.817
		major(4)	.008	1	.928
		major(5)	.008	1	.928
		major(6)	.549	1	.459
		major(7)	2.174	1	.140
		major(8)	.259	1	.611
		major(9)	2.141	1	.143
		studying	4.954	2	.084
		studying(1)	4.724	1	.030
		studying(2)	.255	1	.613
		q9	4.551	3	.208
		q9(1)	.003	1	.958
		q9(2)	.109	1	.741
		q9(3)	3.832	1	.050
		q10a	.079	1	.778
		q10c	.529	1	.467
		q10d	.499	1	.480
		q10e	.049	1	.824
		q20a	1.054	1	.305
		q20b	.422	1	.516
		q20c	.010	1	.920
		q20d	.022	1	.883
		q20e	1.466	1	.226
		q20f	.095	1	.758
		q20h	2.952	1	.086
		q20i	2.486	1	.115
		q22a	.080	1	.777
		q22b	.905	1	.341
		q22c	.020	1	.888

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q22d	.083	1	.774
		q22e	.006	1	.938
		q22f	.252	1	.615
		q23a	.904	1	.342
		q23b	.291	1	.590
		q23c	1.065	1	.302
		q23d	.000	1	.984
		q23e	.195	1	.659
		FAC1_1	.218	1	.640
		FAC2_1	.245	1	.620
		FAC3_1	.000	1	.987
		FAC4_1	.051	1	.822
		FAC1_2	.104	1	.747
		FAC2_2	.144	1	.704
		FAC3_2	.255	1	.613
		FAC4_2	.198	1	.656
		FAC5_2	.949	1	.330
	Overall Statistics		39.878	51	.870

```
LOGISTIC REGRESSION VARIABLES   q12d
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	206	55.7
	Missing Cases	164	44.3
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	20	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	95	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	193	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	162	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	162	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	122	.000		
	no	84	1.000		
Full-time Enrollment		93	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	137	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q12d		Percentage Correct
			Do Not Use	Use	
Step 0	q12d	Do Not Use	0	72	.0
		Use	0	134	100.0
	Overall Percentage				65.0

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	.621	.146	18.072	1	.000	1.861

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	4.542	1	.033
		age	4.322	2	.115
		age(1)	4.010	1	.045
		age(2)	.504	1	.478
		nation(1)	7.383	1	.007
		thesis(1)	2.539	1	.111
		enrol(1)	.195	1	.659
		english	.290	1	.590
		major	16.746	9	.053
		major(1)	.091	1	.763
		major(2)	.248	1	.618

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	1.988	1	.159
		major(4)	1.501	1	.221
		major(5)	.057	1	.811
		major(6)	1.619	1	.203
		major(7)	.107	1	.744
		major(8)	.253	1	.615
		major(9)	.564	1	.453
		studying	15.623	2	.000
		studying(1)	15.490	1	.000
		studying(2)	.057	1	.811
		q9	1.597	3	.660
		q9(1)	.649	1	.421
		q9(2)	.059	1	.807
		q9(3)	.316	1	.574
		q10a	1.614	1	.204
		q10b	.456	1	.500
		q10c	1.933	1	.164
		q10d	4.876	1	.027
		q10e	.956	1	.328
		q20a	20.090	1	.000
		q20b	10.201	1	.001
		q20c	.309	1	.578
		q20d	4.331	1	.037
		q20e	1.396	1	.237
		q20f	2.646	1	.104
		q20h	.099	1	.753
		q20i	1.460	1	.227
		q22a	.447	1	.504
		q22b	3.693	1	.055
		q22c	.372	1	.542
		q22d	.167	1	.682
		q22e	.114	1	.736
		q22f	1.894	1	.169
		q23a	.956	1	.328
		q23b	.424	1	.515
		q23c	.553	1	.457
		q23d	.046	1	.830
		q23e	.374	1	.541

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	1.591	1	.207
		FAC2_1	3.192	1	.074
		FAC3_1	5.102	1	.024
		FAC4_1	6.199	1	.013
		FAC1_2	.070	1	.791
		FAC2_2	14.809	1	.000
		FAC3_2	13.358	1	.000
		FAC4_2	.002	1	.960
		FAC5_2	.306	1	.580
		FAC6_2	.513	1	.474
	Overall Statistics		86.611	55	.004

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	19.734	1	.000
	Block	19.734	1	.000
	Model	19.734	1	.000
Step 2	Step	16.461	1	.000
	Block	36.195	2	.000
	Model	36.195	2	.000
Step 3	Step	8.656	1	.003
	Block	44.851	3	.000
	Model	44.851	3	.000
Step 4	Step	5.912	1	.015
	Block	50.763	4	.000
	Model	50.763	4	.000
Step 5	Step	9.027	2	.011
	Block	59.790	6	.000
	Model	59.790	6	.000
Step 6	Step	4.348	1	.037
	Block	64.138	7	.000
	Model	64.138	7	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	246.890[a]	.091	.126
2	230.429[a]	.161	.222
3	221.773[a]	.196	.270
4	215.861[b]	.218	.301
5	206.834[c]	.252	.347
6	202.486[c]	.268	.369

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

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

c. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Classification Table [a]

	Observed		Predicted		
			q12d		Percentage Correct
			Do Not Use	Use	
Step 1	q12d	Do Not Use	22	50	30.6
		Use	14	120	89.6
	Overall Percentage				68.9
Step 2	q12d	Do Not Use	30	42	41.7
		Use	13	121	90.3
	Overall Percentage				73.3
Step 3	q12d	Do Not Use	34	38	47.2
		Use	15	119	88.8
	Overall Percentage				74.3
Step 4	q12d	Do Not Use	39	33	54.2
		Use	19	115	85.8
	Overall Percentage				74.8
Step 5	q12d	Do Not Use	38	34	52.8
		Use	14	120	89.6
	Overall Percentage				76.7
Step 6	q12d	Do Not Use	37	35	51.4
		Use	12	122	91.0
	Overall Percentage				77.2

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q20a	.450	.108	17.410	1	.000	1.569
	Constant	-2.021	.650	9.656	1	.002	.132
Step 2[b]	q20a	.487	.115	18.069	1	.000	1.628
	FAC2_2	-.722	.190	14.424	1	.000	.486
	Constant	-2.182	.688	10.050	1	.002	.113
Step 3[c]	q20a	.423	.115	13.429	1	.000	1.527
	FAC2_2	-.723	.193	14.092	1	.000	.485
	FAC3_2	.529	.189	7.826	1	.005	1.697
	Constant	-1.775	.695	6.529	1	.011	.169
Step 4[d]	q20a	.456	.120	14.479	1	.000	1.578
	FAC4_1	.428	.184	5.416	1	.020	1.534
	FAC2_2	-.722	.197	13.362	1	.000	.486
	FAC3_2	.493	.189	6.805	1	.009	1.637
	Constant	-1.926	.718	7.194	1	.007	.146
Step 5[e]	studying			.657	2	.720	
	studying (1)	-20.936	13263.60	.000	1	.999	.000
	studying (2)	.808	.996	.657	1	.417	2.243
	q20a	.439	.128	11.677	1	.001	1.551
	FAC4_1	.413	.186	4.928	1	.026	1.511
	FAC2_2	-.650	.208	9.814	1	.002	.522
	FAC3_2	.524	.195	7.220	1	.007	1.690
	Constant	-1.771	.776	5.211	1	.022	.170
Step 6[f]	nation(1)	-.853	.408	4.361	1	.037	.426
	studying			.291	2	.865	
	studying (1)	-21.062	12979.21	.000	1	.999	.000
	studying (2)	.541	1.004	.291	1	.590	1.718
	q20a	.462	.132	12.198	1	.000	1.587
	FAC4_1	.429	.189	5.175	1	.023	1.536
	FAC2_2	-.614	.208	8.710	1	.003	.541
	FAC3_2	.453	.201	5.093	1	.024	1.573
	Constant	-1.700	.792	4.609	1	.032	.183

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q20a	1.270	1.938
	Constant		
Step 2[b]	q20a	1.300	2.038
	FAC2_2	.335	.705
	Constant		
Step 3[c]	q20a	1.218	1.914
	FAC2_2	.333	.708
	FAC3_2	1.172	2.459
	Constant		
Step 4[d]	q20a	1.248	1.997
	FAC4_1	1.070	2.201
	FAC2_2	.330	.716
	FAC3_2	1.130	2.372
	Constant		
Step 5[e]	studying		
	studying (1)	.000	.
	studying (2)	.318	15.802
	q20a	1.206	1.995
	FAC4_1	1.050	2.175
	FAC2_2	.347	.784
	FAC3_2	1.152	2.477
	Constant		
Step 6[f]	nation(1)	.192	.949
	studying		
	studying (1)	.000	.
	studying (2)	.240	12.286
	q20a	1.225	2.056
	FAC4_1	1.061	2.223
	FAC2_2	.360	.814
	FAC3_2	1.061	2.331
	Constant		

a. Variable(s) entered on step 1: q20a.

b. Variable(s) entered on step 2: FAC2_2.

Variables in the Equation

c. Variable(s) entered on step 3: FAC3_2.

d. Variable(s) entered on step 4: FAC4_1.

e. Variable(s) entered on step 5: studying.

f. Variable(s) entered on step 6: nation.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q20a	-133.312	19.734	1	.000
Step 2	q20a	-125.669	20.908	1	.000
	FAC2_2	-123.445	16.461	1	.000
Step 3	q20a	-118.322	14.871	1	.000
	FAC2_2	-119.008	16.243	1	.000
	FAC3_2	-115.214	8.656	1	.003
Step 4	q20a	-116.057	16.252	1	.000
	FAC4_1	-110.886	5.912	1	.015
	FAC2_2	-115.566	15.270	1	.000
	FAC3_2	-111.695	7.529	1	.006
Step 5	studying	-107.931	9.027	2	.011
	q20a	-109.880	12.925	1	.000
	FAC4_1	-106.097	5.359	1	.021
	FAC2_2	-108.875	10.916	1	.001
	FAC3_2	-107.446	8.058	1	.005
Step 6	nation	-103.417	4.348	1	.037
	studying	-105.863	9.241	2	.010
	q20a	-108.053	13.620	1	.000
	FAC4_1	-104.062	5.637	1	.018
	FAC2_2	-105.992	9.497	1	.002
	FAC3_2	-104.007	5.527	1	.019

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	3.467	1	.063
		age	4.668	2	.097
		age(1)	3.640	1	.056
		age(2)	1.367	1	.242
		nation(1)	8.041	1	.005
		thesis(1)	1.106	1	.293
		enrol(1)	.081	1	.776
		english	.771	1	.380
		major	13.341	9	.148
		major(1)	.024	1	.876
		major(2)	.105	1	.745

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	major(3)	.810	1	.368
		major(4)	1.182	1	.277
		major(5)	.000	1	.983
		major(6)	1.593	1	.207
		major(7)	.467	1	.494
		major(8)	.056	1	.812
		major(9)	1.257	1	.262
		studying	11.560	2	.003
		studying(1)	11.558	1	.001
		studying(2)	.014	1	.904
		q9	.621	3	.892
		q9(1)	.099	1	.753
		q9(2)	.059	1	.809
		q9(3)	.236	1	.627
		q10a	.095	1	.758
		q10b	1.894	1	.169
		q10c	5.604	1	.018
		q10d	.721	1	.396
		q10e	.002	1	.966
		q20b	1.324	1	.250
		q20c	.311	1	.577
		q20d	7.551	1	.006
		q20e	.000	1	.994
		q20f	4.590	1	.032
		q20h	.003	1	.958
		q20i	1.268	1	.260
		q22a	.013	1	.910
		q22b	3.100	1	.078
		q22c	.689	1	.407
		q22d	.005	1	.942
		q22e	.001	1	.979
		q22f	2.680	1	.102
		q23a	.038	1	.845
		q23b	.018	1	.894
		q23c	.000	1	.988
		q23d	.791	1	.374
		q23e	1.320	1	.251
		FAC1_1	.005	1	.944

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	FAC2_1	3.830	1	.050
		FAC3_1	2.896	1	.089
		FAC4_1	7.459	1	.006
		FAC1_2	.402	1	.526
		FAC2_2	15.756	1	.000
		FAC3_2	8.356	1	.004
		FAC4_2	.066	1	.797
		FAC5_2	.000	1	.984
		FAC6_2	1.139	1	.286
	Overall Statistics		74.954	54	.031

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	1.316	1	.251
		age	4.632	2	.099
		age(1)	2.369	1	.124
		age(2)	2.651	1	.103
		nation(1)	6.324	1	.012
		thesis(1)	1.154	1	.283
		enrol(1)	.007	1	.934
		english	.433	1	.510
		major	11.673	9	.232
		major(1)	.134	1	.714
		major(2)	.085	1	.771
		major(3)	1.268	1	.260
		major(4)	.634	1	.426
		major(5)	.461	1	.497
		major(6)	.527	1	.468
		major(7)	.114	1	.735
		major(8)	.908	1	.341
		major(9)	1.734	1	.188
		studying	6.592	2	.037
		studying(1)	6.350	1	.012
		studying(2)	.469	1	.493
		q9	.690	3	.876
		q9(1)	.662	1	.416
		q9(2)	.028	1	.867
		q9(3)	.103	1	.748
		q10a	.482	1	.487
		q10b	.196	1	.658
		q10c	2.432	1	.119
		q10d	1.598	1	.206
		q10e	.330	1	.566
		q20b	1.374	1	.241
		q20c	.001	1	.974
		q20d	2.819	1	.093
		q20e	.269	1	.604
		q20f	1.411	1	.235
		q20h	.036	1	.850
		q20i	.819	1	.366
		q22a	.018	1	.892

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22b	.026	1	.871
		q22c	.004	1	.950
		q22d	.508	1	.476
		q22e	.125	1	.723
		q22f	.495	1	.482
		q23a	.372	1	.542
		q23b	.350	1	.554
		q23c	.350	1	.554
		q23d	.062	1	.803
		q23e	.514	1	.473
		FAC1_1	.009	1	.926
		FAC2_1	.039	1	.844
		FAC3_1	2.076	1	.150
		FAC4_1	6.625	1	.010
		FAC1_2	.816	1	.366
		FAC3_2	8.201	1	.004
		FAC4_2	.138	1	.710
		FAC5_2	.030	1	.863
		FAC6_2	1.318	1	.251
	Overall Statistics		61.977	53	.186

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.439	1	.508
		age	5.341	2	.069
		age(1)	2.212	1	.137
		age(2)	3.596	1	.058
		nation(1)	4.157	1	.041
		thesis(1)	1.768	1	.184
		enrol(1)	.022	1	.882
		english	.349	1	.555
		major	12.505	9	.186
		major(1)	.602	1	.438
		major(2)	.061	1	.805
		major(3)	2.141	1	.143
		major(4)	.273	1	.601
		major(5)	.476	1	.490
		major(6)	.194	1	.660
		major(7)	.026	1	.872
		major(8)	1.372	1	.241
		major(9)	1.176	1	.278
		studying	7.082	2	.029
		studying(1)	6.343	1	.012
		studying(2)	1.108	1	.293
		q9	.313	3	.958
		q9(1)	.135	1	.713
		q9(2)	.207	1	.649
		q9(3)	.044	1	.835
		q10a	.627	1	.428
		q10b	.074	1	.785
		q10c	2.058	1	.151
		q10d	1.931	1	.165
		q10e	.217	1	.641
		q20b	.961	1	.327
		q20c	.045	1	.831
		q20d	1.104	1	.293
		q20e	.088	1	.766
		q20f	2.141	1	.143
		q20h	.031	1	.860
		q20i	.779	1	.378
		q22a	.211	1	.646

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22b	.005	1	.945
		q22c	.088	1	.767
		q22d	1.134	1	.287
		q22e	.002	1	.966
		q22f	.184	1	.668
		q23a	.394	1	.530
		q23b	.219	1	.640
		q23c	.158	1	.691
		q23d	.017	1	.896
		q23e	.391	1	.532
		FAC1_1	.131	1	.717
		FAC2_1	.097	1	.755
		FAC3_1	2.102	1	.147
		FAC4_1	5.590	1	.018
		FAC1_2	.384	1	.535
		FAC4_2	.175	1	.676
		FAC5_2	.085	1	.771
		FAC6_2	.821	1	.365
	Overall Statistics		56.679	52	.305

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	.480	1	.489
		age	4.201	2	.122
		age(1)	1.880	1	.170
		age(2)	2.669	1	.102
		nation(1)	4.216	1	.040
		thesis(1)	1.919	1	.166
		enrol(1)	.056	1	.813
		english	1.208	1	.272
		major	13.837	9	.128
		major(1)	.595	1	.440
		major(2)	.359	1	.549
		major(3)	2.566	1	.109
		major(4)	.201	1	.654
		major(5)	.318	1	.573
		major(6)	.279	1	.598
		major(7)	.022	1	.883
		major(8)	2.033	1	.154
		major(9)	1.112	1	.292
		studying	6.561	2	.038
		studying(1)	5.900	1	.015
		studying(2)	1.019	1	.313
		q9	.181	3	.981
		q9(1)	.047	1	.828
		q9(2)	.134	1	.714
		q9(3)	.024	1	.878
		q10a	1.013	1	.314
		q10b	.270	1	.604
		q10c	2.114	1	.146
		q10d	1.984	1	.159
		q10e	.257	1	.612
		q20b	1.086	1	.297
		q20c	.055	1	.814
		q20d	.689	1	.407
		q20e	.256	1	.613
		q20f	1.282	1	.258
		q20h	.005	1	.941
		q20i	.555	1	.456
		q22a	.160	1	.689

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q22b	.053	1	.817
		q22c	.098	1	.754
		q22d	.622	1	.430
		q22e	.327	1	.568
		q22f	.088	1	.767
		q23a	.515	1	.473
		q23b	.238	1	.626
		q23c	.167	1	.683
		q23d	.035	1	.851
		q23e	.103	1	.748
		FAC1_1	.031	1	.861
		FAC2_1	.108	1	.743
		FAC3_1	1.792	1	.181
		FAC1_2	.024	1	.878
		FAC4_2	.722	1	.396
		FAC5_2	.235	1	.628
		FAC6_2	.477	1	.490
	Overall Statistics		51.281	51	.463

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	gender(1)	.830	1	.362
		age	3.226	2	.199
		age(1)	.783	1	.376
		age(2)	2.673	1	.102
		nation(1)	4.460	1	.035
		thesis(1)	.890	1	.346
		enrol(1)	.357	1	.550
		english	2.163	1	.141
		major	9.309	9	.409
		major(1)	.338	1	.561
		major(2)	.517	1	.472
		major(3)	1.780	1	.182
		major(4)	.109	1	.742
		major(5)	.053	1	.817
		major(6)	.111	1	.739
		major(7)	.044	1	.833
		major(8)	2.578	1	.108
		major(9)	1.255	1	.263
		q9	.717	3	.869
		q9(1)	.131	1	.717
		q9(2)	.504	1	.478
		q9(3)	.138	1	.710
		q10a	1.453	1	.228
		q10b	.753	1	.386
		q10c	1.293	1	.256
		q10d	2.326	1	.127
		q10e	.418	1	.518
		q20b	1.652	1	.199
		q20c	.316	1	.574
		q20d	.628	1	.428
		q20e	.712	1	.399
		q20f	.608	1	.436
		q20h	.022	1	.882
		q20i	.468	1	.494
		q22a	.017	1	.895
		q22b	.412	1	.521
		q22c	.004	1	.947
		q22d	1.132	1	.287

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	q22e	1.234	1	.267
		q22f	.373	1	.541
		q23a	.170	1	.680
		q23b	.281	1	.596
		q23c	.109	1	.741
		q23d	.121	1	.728
		q23e	.211	1	.646
		FAC1_1	.005	1	.946
		FAC2_1	.170	1	.680
		FAC3_1	1.705	1	.192
		FAC1_2	.008	1	.928
		FAC4_2	1.116	1	.291
		FAC5_2	.031	1	.861
		FAC6_2	.128	1	.720
	Overall Statistics		45.499	49	.616

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	gender(1)	.316	1	.574
		age	3.627	2	.163
		age(1)	1.239	1	.266
		age(2)	2.692	1	.101
		thesis(1)	1.365	1	.243
		enrol(1)	.296	1	.587
		english	3.080	1	.079
		major	11.133	9	.267
		major(1)	.321	1	.571
		major(2)	.396	1	.529
		major(3)	3.212	1	.073
		major(4)	.114	1	.736
		major(5)	.100	1	.752
		major(6)	.011	1	.915
		major(7)	.156	1	.693
		major(8)	2.898	1	.089
		major(9)	1.447	1	.229
		q9	1.509	3	.680
		q9(1)	.170	1	.681
		q9(2)	.765	1	.382
		q9(3)	.533	1	.465
		q10a	1.720	1	.190
		q10b	1.421	1	.233
		q10c	.806	1	.369
		q10d	2.325	1	.127
		q10e	.486	1	.486
		q20b	2.320	1	.128
		q20c	.467	1	.495
		q20d	1.027	1	.311
		q20e	.720	1	.396
		q20f	.533	1	.465
		q20h	.061	1	.805
		q20i	.384	1	.535
		q22a	.055	1	.815
		q22b	.593	1	.441
		q22c	.001	1	.972
		q22d	1.008	1	.315
		q22e	1.709	1	.191

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	q22f	.300	1	.584
		q23a	.060	1	.806
		q23b	.144	1	.704
		q23c	.031	1	.860
		q23d	.068	1	.794
		q23e	.445	1	.505
		FAC1_1	.000	1	.992
		FAC2_1	.048	1	.827
		FAC3_1	2.156	1	.142
		FAC1_2	.006	1	.937
		FAC4_2	.818	1	.366
		FAC5_2	.001	1	.970
		FAC6_2	.043	1	.837
	Overall Statistics		41.971	48	.717

```
LOGISTIC REGRESSION VARIABLES   q13
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	205	55.4
	Missing Cases	165	44.6
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
ye s	0
no	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	20	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	24	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	95	.000	.000	.000
	2nd year	66	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	192	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	161	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	162	.000		
	Non Kuwaiti	43	1.000		
Is thesis required to complete your programme	ye s	121	.000		
	no	84	1.000		
Full-time Enrollment		93	.000		
	Part - time	112	1.000		
gender	male	69	.000		
	female	136	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q13		Percentage Correct
			yes	no	
Step 0	q13	ye s	0	79	.0
		no	0	126	100.0
	Overall Percentage				61.5

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	.467	.144	10.582	1	.001	1.595

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.619	1	.431
		age	3.974	2	.137
		age(1)	.126	1	.723
		age(2)	3.720	1	.054
		nation(1)	2.596	1	.107
		thesis(1)	1.627	1	.202
		enrol(1)	.830	1	.362
		english	.052	1	.820
		major	10.124	9	.341
		major(1)	.396	1	.529
		major(2)	.020	1	.887

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	4.890	1	.027
		major(4)	4.498	1	.034
		major(5)	.743	1	.389
		major(6)	.498	1	.480
		major(7)	.000	1	.995
		major(8)	.053	1	.818
		major(9)	.023	1	.879
		studying	3.214	2	.200
		studying(1)	2.383	1	.123
		studying(2)	.743	1	.389
		q9	5.352	3	.148
		q9(1)	2.786	1	.095
		q9(2)	3.803	1	.051
		q9(3)	.082	1	.774
		q10a	.500	1	.479
		q10b	7.203	1	.007
		q10c	.498	1	.480
		q10d	.112	1	.738
		q10e	.842	1	.359
		q20a	.388	1	.533
		q20b	.438	1	.508
		q20c	.648	1	.421
		q20d	1.412	1	.235
		q20e	.678	1	.410
		q20f	1.305	1	.253
		q20h	6.285	1	.012
		q20i	3.439	1	.064
		q22a	.011	1	.916
		q22b	.714	1	.398
		q22c	.407	1	.523
		q22d	1.644	1	.200
		q22e	6.772	1	.009
		q22f	2.100	1	.147
		q23a	.056	1	.814
		q23b	2.011	1	.156
		q23c	2.446	1	.118
		q23d	1.665	1	.197
		q23e	1.865	1	.172

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.326	1	.568
		FAC2_1	7.347	1	.007
		FAC3_1	2.319	1	.128
		FAC4_1	1.362	1	.243
		FAC1_2	.025	1	.874
		FAC2_2	1.141	1	.285
		FAC3_2	5.128	1	.024
		FAC4_2	.498	1	.480
		FAC5_2	.000	1	.995
		FAC6_2	.954	1	.329
	Overall Statistics		75.969	55	.032

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	7.591	1	.006
	Block	7.591	1	.006
	Model	7.591	1	.006
Step 2	Step	11.597	1	.001
	Block	19.188	2	.000
	Model	19.188	2	.000
Step 3	Step	8.486	1	.004
	Block	27.674	3	.000
	Model	27.674	3	.000
Step 4	Step	5.754	1	.016
	Block	33.428	4	.000
	Model	33.428	4	.000
Step 5	Step	5.023	1	.025
	Block	38.451	5	.000
	Model	38.451	5	.000
Step 6	Step	5.564	1	.018
	Block	44.014	6	.000
	Model	44.014	6	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	265.727[a]	.036	.049
2	254.130[b]	.089	.121
3	245.645[b]	.126	.171
4	239.890[b]	.150	.204
5	234.867[c]	.171	.232
6	229.304[c]	.193	.262

a. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

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

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

Classification Table [a]

	Observed		Predicted q13 yes	Predicted q13 no	Percentage Correct
Step 1	q13	ye s	12	67	15.2
		no	8	118	93.7
	Overall Percentage				63.4
Step 2	q13	ye s	25	54	31.6
		no	15	111	88.1
	Overall Percentage				66.3
Step 3	q13	ye s	28	51	35.4
		no	19	107	84.9
	Overall Percentage				65.9
Step 4	q13	ye s	34	45	43.0
		no	19	107	84.9
	Overall Percentage				68.8
Step 5	q13	ye s	33	46	41.8
		no	23	103	81.7
	Overall Percentage				66.3
Step 6	q13	ye s	38	41	48.1
		no	20	106	84.1
	Overall Percentage				70.2

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	FAC2_1	-.414	.156	7.062	1	.008	.661
	Constant	.496	.147	11.330	1	.001	1.642
Step 2[b]	q10b	.298	.090	10.865	1	.001	1.347
	FAC2_1	-.557	.171	10.599	1	.001	.573
	Constant	-.891	.442	4.067	1	.044	.410
Step 3[c]	q10b	.313	.093	11.413	1	.001	1.367
	q20h	-.279	.101	7.656	1	.006	.757
	FAC2_1	-.617	.178	12.060	1	.001	.540
	Constant	.498	.666	.559	1	.455	1.645
Step 4[d]	q10b	.290	.094	9.510	1	.002	1.337
	q20h	-.299	.103	8.498	1	.004	.742
	FAC2_1	-.823	.205	16.135	1	.000	.439
	FAC2_2	.463	.198	5.494	1	.019	1.589
	Constant	.726	.683	1.129	1	.288	2.066
Step 5[e]	q10b	.302	.096	9.867	1	.002	1.353
	q20h	-.292	.103	8.085	1	.004	.746
	q22e	-.257	.118	4.764	1	.029	.773
	FAC2_1	-.779	.209	13.947	1	.000	.459
	FAC2_2	.471	.201	5.477	1	.019	1.601
	Constant	1.973	.896	4.844	1	.028	7.189
Step 6[f]	q10b	.374	.104	12.883	1	.000	1.454
	q20h	-.327	.107	9.286	1	.002	.721
	q22b	-.212	.092	5.359	1	.021	.809
	q22e	-.286	.121	5.590	1	.018	.751
	FAC2_1	-.765	.214	12.774	1	.000	.466
	FAC2_2	.634	.217	8.506	1	.004	1.885
	Constant	2.716	.989	7.540	1	.006	15.115

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	FAC2_1	.487	.897
	Constant		
Step 2[b]	q10b	1.128	1.608
	FAC2_1	.409	.801
	Constant		
Step 3[c]	q10b	1.140	1.639
	q20h	.621	.922
	FAC2_1	.381	.764
	Constant		
Step 4[d]	q10b	1.112	1.608
	q20h	.607	.907
	FAC2_1	.294	.656
	FAC2_2	1.079	2.341
	Constant		
Step 5[e]	q10b	1.120	1.633
	q20h	.610	.913
	q22e	.614	.974
	FAC2_1	.305	.691
	FAC2_2	1.079	2.374
	Constant		
Step 6[f]	q10b	1.185	1.784
	q20h	.584	.890
	q22b	.676	.968
	q22e	.592	.952
	FAC2_1	.306	.708
	FAC2_2	1.231	2.887
	Constant		

a. Variable(s) entered on step 1: FAC2_1.

b. Variable(s) entered on step 2: q10b.

c. Variable(s) entered on step 3: q20h.

d. Variable(s) entered on step 4: FAC2_2.

e. Variable(s) entered on step 5: q22e.

f. Variable(s) entered on step 6: q22b.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	FAC2_1	-136.659	7.591	1	.006
Step 2	q10b	-132.864	11.597	1	.001
	FAC2_1	-133.070	12.009	1	.001
Step 3	q10b	-128.965	12.285	1	.000
	q20h	-127.065	8.486	1	.004
	FAC2_1	-129.769	13.893	1	.000
Step 4	q10b	-125.000	10.109	1	.001
	q20h	-124.692	9.494	1	.002
	FAC2_1	-129.620	19.350	1	.000
	FAC2_2	-122.822	5.754	1	.016
Step 5	q10b	-122.689	10.511	1	.001
	q20h	-121.921	8.974	1	.003
	q22e	-119.945	5.023	1	.025
	FAC2_1	-125.688	16.509	1	.000
	FAC2_2	-120.315	5.763	1	.016
Step 6	q10b	-121.762	14.221	1	.000
	q20h	-119.921	10.538	1	.001
	q22b	-117.434	5.564	1	.018
	q22e	-117.652	6.000	1	.014
	FAC2_1	-122.044	14.784	1	.000
	FAC2_2	-119.230	9.156	1	.002

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	1.372	1	.241
		age	3.339	2	.188
		age(1)	.125	1	.724
		age(2)	3.095	1	.079
		nation(1)	4.255	1	.039
		thesis(1)	2.568	1	.109
		enrol(1)	1.159	1	.282
		english	.091	1	.763
		major	13.359	9	.147
		major(1)	.778	1	.378
		major(2)	.026	1	.872

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	major(3)	6.263	1	.012
		major(4)	5.041	1	.025
		major(5)	.910	1	.340
		major(6)	1.042	1	.307
		major(7)	.349	1	.555
		major(8)	.245	1	.620
		major(9)	.000	1	.992
		studying	4.592	2	.101
		studying(1)	3.394	1	.065
		studying(2)	1.049	1	.306
		q9	5.346	3	.148
		q9(1)	2.757	1	.097
		q9(2)	3.084	1	.079
		q9(3)	.555	1	.456
		q10a	.836	1	.360
		q10b	11.443	1	.001
		q10c	1.259	1	.262
		q10d	.070	1	.792
		q10e	1.033	1	.309
		q20a	.326	1	.568
		q20b	.748	1	.387
		q20c	.298	1	.585
		q20d	3.070	1	.080
		q20e	.771	1	.380
		q20f	.260	1	.610
		q20h	7.442	1	.006
		q20i	3.034	1	.082
		q22a	.136	1	.712
		q22b	.000	1	.984
		q22c	.034	1	.854
		q22d	.906	1	.341
		q22e	4.957	1	.026
		q22f	3.859	1	.049
		q23a	.039	1	.844
		q23b	2.622	1	.105
		q23c	1.818	1	.178
		q23d	.763	1	.382
		q23e	1.589	1	.208

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	FAC1_1	.381	1	.537
		FAC3_1	1.805	1	.179
		FAC4_1	1.595	1	.207
		FAC1_2	.400	1	.527
		FAC2_2	6.620	1	.010
		FAC3_2	5.064	1	.024
		FAC4_2	.112	1	.738
		FAC5_2	.012	1	.914
		FAC6_2	1.101	1	.294
	Overall Statistics		71.021	54	.060

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.293	1	.588
		age	2.919	2	.232
		age(1)	.223	1	.637
		age(2)	2.557	1	.110
		nation(1)	2.386	1	.122
		thesis(1)	.948	1	.330
		enrol(1)	.072	1	.789
		english	1.262	1	.261
		major	9.592	9	.385
		major(1)	.597	1	.440
		major(2)	.152	1	.696
		major(3)	4.820	1	.028
		major(4)	2.102	1	.147
		major(5)	2.594	1	.107
		major(6)	.140	1	.708
		major(7)	.113	1	.737
		major(8)	.161	1	.688
		major(9)	.013	1	.908
		studying	4.259	2	.119
		studying(1)	2.468	1	.116
		studying(2)	1.663	1	.197
		q9	5.362	3	.147
		q9(1)	2.216	1	.137
		q9(2)	4.038	1	.044
		q9(3)	.375	1	.540
		q10a	.863	1	.353
		q10c	.073	1	.787
		q10d	.988	1	.320
		q10e	.040	1	.841
		q20a	1.183	1	.277
		q20b	.000	1	.993
		q20c	2.605	1	.107
		q20d	1.598	1	.206
		q20e	1.444	1	.229
		q20f	.729	1	.393
		q20h	8.006	1	.005
		q20i	2.677	1	.102
		q22a	.072	1	.788

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22b	1.038	1	.308
		q22c	.661	1	.416
		q22d	2.056	1	.152
		q22e	5.410	1	.020
		q22f	.877	1	.349
		q23a	.039	1	.844
		q23b	2.678	1	.102
		q23c	2.387	1	.122
		q23d	1.283	1	.257
		q23e	2.034	1	.154
		FAC1_1	.950	1	.330
		FAC3_1	.763	1	.382
		FAC4_1	.611	1	.434
		FAC1_2	.415	1	.520
		FAC2_2	4.698	1	.030
		FAC3_2	2.734	1	.098
		FAC4_2	.559	1	.455
		FAC5_2	.119	1	.730
		FAC6_2	.421	1	.516
	Overall Statistics		65.389	53	.118

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.026	1	.871
		age	2.631	2	.268
		age(1)	.039	1	.843
		age(2)	2.523	1	.112
		nation(1)	2.792	1	.095
		thesis(1)	.121	1	.728
		enrol(1)	.012	1	.913
		english	1.160	1	.282
		major	7.817	9	.553
		major(1)	1.194	1	.274
		major(2)	.110	1	.741
		major(3)	3.041	1	.081
		major(4)	.963	1	.327
		major(5)	2.477	1	.115
		major(6)	.246	1	.620
		major(7)	.120	1	.729
		major(8)	.570	1	.450
		major(9)	.093	1	.760
		studying	5.115	2	.078
		studying(1)	3.429	1	.064
		studying(2)	1.532	1	.216
		q9	5.918	3	.116
		q9(1)	2.146	1	.143
		q9(2)	4.725	1	.030
		q9(3)	.410	1	.522
		q10a	.538	1	.463
		q10c	.010	1	.920
		q10d	.898	1	.343
		q10e	.000	1	.983
		q20a	1.000	1	.317
		q20b	.113	1	.737
		q20c	2.835	1	.092
		q20d	4.693	1	.030
		q20e	.513	1	.474
		q20f	.056	1	.813
		q20i	.181	1	.671
		q22a	.002	1	.967
		q22b	1.599	1	.206

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	.720	1	.396
		q22d	1.804	1	.179
		q22e	4.904	1	.027
		q22f	.815	1	.367
		q23a	.065	1	.799
		q23b	1.325	1	.250
		q23c	1.739	1	.187
		q23d	.402	1	.526
		q23e	.992	1	.319
		FAC1_1	.614	1	.433
		FAC3_1	.067	1	.796
		FAC4_1	.282	1	.596
		FAC1_2	.001	1	.972
		FAC2_2	5.659	1	.017
		FAC3_2	2.577	1	.108
		FAC4_2	1.458	1	.227
		FAC5_2	.002	1	.968
		FAC6_2	.236	1	.627
	Overall Statistics		60.485	52	.196

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	.070	1	.791
		age	3.770	2	.152
		age(1)	.212	1	.645
		age(2)	3.373	1	.066
		nation(1)	2.663	1	.103
		thesis(1)	.277	1	.599
		enrol(1)	.014	1	.905
		english	3.639	1	.056
		major	6.637	9	.675
		major(1)	.942	1	.332
		major(2)	.001	1	.978
		major(3)	2.978	1	.084
		major(4)	.589	1	.443
		major(5)	1.259	1	.262
		major(6)	.106	1	.745
		major(7)	.134	1	.714
		major(8)	1.034	1	.309
		major(9)	.151	1	.697
		studying	2.990	2	.224
		studying(1)	1.840	1	.175
		studying(2)	.969	1	.325
		q9	7.005	3	.072
		q9(1)	3.075	1	.079
		q9(2)	5.578	1	.018
		q9(3)	.130	1	.719
		q10a	.415	1	.519
		q10c	.028	1	.867
		q10d	1.099	1	.295
		q10e	.005	1	.941
		q20a	.935	1	.333
		q20b	.014	1	.905
		q20c	3.016	1	.082
		q20d	3.043	1	.081
		q20e	1.100	1	.294
		q20f	.471	1	.493
		q20i	.279	1	.598
		q22a	.018	1	.894
		q22b	4.564	1	.033

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q22c	1.578	1	.209
		q22d	2.453	1	.117
		q22e	4.904	1	.027
		q22f	.207	1	.649
		q23a	.001	1	.981
		q23b	2.146	1	.143
		q23c	3.169	1	.075
		q23d	.944	1	.331
		q23e	1.843	1	.175
		FAC1_1	.942	1	.332
		FAC3_1	.104	1	.747
		FAC4_1	.104	1	.748
		FAC1_2	.006	1	.939
		FAC3_2	2.584	1	.108
		FAC4_2	1.255	1	.263
		FAC5_2	.042	1	.837
		FAC6_2	.312	1	.577
	Overall Statistics		54.200	51	.353

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	gender(1)	.078	1	.780
		age	4.224	2	.121
		age(1)	.148	1	.700
		age(2)	3.901	1	.048
		nation(1)	3.219	1	.073
		thesis(1)	.056	1	.813
		enrol(1)	.002	1	.967
		english	2.066	1	.151
		major	6.195	9	.720
		major(1)	1.331	1	.249
		major(2)	.000	1	.983
		major(3)	2.970	1	.085
		major(4)	.068	1	.794
		major(5)	.767	1	.381
		major(6)	.197	1	.657
		major(7)	.347	1	.556
		major(8)	1.340	1	.247
		major(9)	.045	1	.833
		studying	2.508	2	.285
		studying(1)	2.185	1	.139
		studying(2)	.245	1	.620
		q9	6.171	3	.104
		q9(1)	2.263	1	.133
		q9(2)	5.266	1	.022
		q9(3)	.142	1	.707
		q10a	.329	1	.566
		q10c	.004	1	.950
		q10d	1.221	1	.269
		q10e	.023	1	.880
		q20a	.658	1	.417
		q20b	.006	1	.938
		q20c	2.420	1	.120
		q20d	2.541	1	.111
		q20e	.975	1	.324
		q20f	.414	1	.520
		q20i	.785	1	.376
		q22a	.434	1	.510
		q22b	5.513	1	.019

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	q22c	2.190	1	.139
		q22d	2.199	1	.138
		q22f	.000	1	.990
		q23a	.011	1	.916
		q23b	2.137	1	.144
		q23c	2.688	1	.101
		q23d	1.057	1	.304
		q23e	1.952	1	.162
		FAC1_1	.616	1	.433
		FAC3_1	.028	1	.866
		FAC4_1	.604	1	.437
		FAC1_2	.003	1	.960
		FAC3_2	1.665	1	.197
		FAC4_2	1.821	1	.177
		FAC5_2	.045	1	.831
		FAC6_2	.049	1	.824
	Overall Statistics		50.440	50	.456

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	gender(1)	.025	1	.875
		age	4.112	2	.128
		age(1)	.114	1	.735
		age(2)	3.838	1	.050
		nation(1)	2.594	1	.107
		thesis(1)	.017	1	.898
		enrol(1)	.011	1	.917
		english	2.409	1	.121
		major	6.326	9	.707
		major(1)	1.024	1	.312
		major(2)	.001	1	.981
		major(3)	2.971	1	.085
		major(4)	.349	1	.555
		major(5)	.491	1	.483
		major(6)	.109	1	.742
		major(7)	1.246	1	.264
		major(8)	1.296	1	.255
		major(9)	.091	1	.763
		studying	3.335	2	.189
		studying(1)	3.002	1	.083
		studying(2)	.243	1	.622
		q9	6.466	3	.091
		q9(1)	2.398	1	.122
		q9(2)	5.356	1	.021
		q9(3)	.276	1	.600
		q10a	.588	1	.443
		q10c	.051	1	.821
		q10d	.866	1	.352
		q10e	.052	1	.820
		q20a	1.058	1	.304
		q20b	.026	1	.873
		q20c	1.801	1	.180
		q20d	2.253	1	.133
		q20e	.787	1	.375
		q20f	.102	1	.750
		q20i	.551	1	.458
		q22a	.199	1	.656
		q22c	.165	1	.684

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	q22d	1.349	1	.245
		q22f	.384	1	.535
		q23a	.073	1	.787
		q23b	1.016	1	.314
		q23c	1.706	1	.191
		q23d	.447	1	.504
		q23e	.770	1	.380
		FAC1_1	.464	1	.496
		FAC3_1	.001	1	.982
		FAC4_1	.858	1	.354
		FAC1_2	.082	1	.775
		FAC3_2	1.969	1	.161
		FAC4_2	1.122	1	.290
		FAC5_2	.032	1	.857
		FAC6_2	.253	1	.615
	Overall Statistics		46.656	49	.569

```
LOGISTIC REGRESSION VARIABLES   q14
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
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Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	202	54.6
	Missing Cases	168	45.4
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
ye s	0
no	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	22	.000	.000	1.000
	Arts	24	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	11	.000	.000	.000
	Islamic Studies	11	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	94	.000	.000	.000
	2nd year	65	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	16	.000	.000	1.000
What degree are you studying?	Masters	189	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	159	.000	.000	
	31 - 40	38	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	160	.000		
	Non Kuwaiti	42	1.000		
Is thesis required to complete your programme	ye s	119	.000		
	no	83	1.000		
Full-time Enrollment		92	.000		
	Part - time	110	1.000		
gender	male	67	.000		
	female	135	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted		
			q14		Percentage
			yes	no	Correct
Step 0	q14	ye s	0	86	.0
		no	0	116	100.0
	Overall Percentage				57.4

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	.299	.142	4.422	1	.035	1.349

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	1.870	1	.171
		age	3.026	2	.220
		age(1)	.184	1	.668
		age(2)	2.937	1	.087
		nation(1)	1.021	1	.312
		thesis(1)	3.714	1	.054
		enrol(1)	.002	1	.962
		english	4.832	1	.028
		major	10.469	9	.314
		major(1)	.054	1	.817
		major(2)	.244	1	.621

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	.028	1	.867
		major(4)	.614	1	.433
		major(5)	.014	1	.906
		major(6)	.557	1	.456
		major(7)	2.831	1	.092
		major(8)	.184	1	.668
		major(9)	5.335	1	.021
		studying	.104	2	.949
		studying(1)	.088	1	.767
		studying(2)	.014	1	.906
		q9	10.169	3	.017
		q9(1)	4.132	1	.042
		q9(2)	5.299	1	.021
		q9(3)	2.822	1	.093
		q10a	.514	1	.473
		q10b	.038	1	.845
		q10c	.182	1	.670
		q10d	.001	1	.981
		q10e	.623	1	.430
		q20a	.071	1	.790
		q20b	6.427	1	.011
		q20c	.451	1	.502
		q20d	9.459	1	.002
		q20e	.003	1	.960
		q20f	1.422	1	.233
		q20h	4.841	1	.028
		q20i	8.367	1	.004
		q22a	.356	1	.551
		q22b	.085	1	.770
		q22c	1.449	1	.229
		q22d	.045	1	.832
		q22e	12.135	1	.000
		q22f	1.727	1	.189
		q23a	.605	1	.437
		q23b	2.706	1	.100
		q23c	.110	1	.740
		q23d	.072	1	.788
		q23e	5.117	1	.024

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	4.326	1	.038
		FAC2_1	.196	1	.658
		FAC3_1	.628	1	.428
		FAC4_1	2.116	1	.146
		FAC1_2	.000	1	.986
		FAC2_2	.517	1	.472
		FAC3_2	7.921	1	.005
		FAC4_2	.374	1	.541
		FAC5_2	.433	1	.510
		FAC6_2	1.505	1	.220
	Overall Statistics		80.517	55	.014

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.787	1	.000
	Block	12.787	1	.000
	Model	12.787	1	.000
Step 2	Step	9.181	1	.002
	Block	21.968	2	.000
	Model	21.968	2	.000
Step 3	Step	6.196	1	.013
	Block	28.164	3	.000
	Model	28.164	3	.000
Step 4	Step	8.915	3	.030
	Block	37.078	6	.000
	Model	37.078	6	.000
Step 5	Step	4.204	1	.040
	Block	41.282	7	.000
	Model	41.282	7	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	262.773[a]	.061	.082
2	253.592[a]	.103	.138
3	247.396[a]	.130	.175
4	238.481[a]	.168	.225
5	234.277[a]	.185	.248

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

Classification Table [a]

	Observed		Predicted q14 yes	Predicted q14 no	Percentage Correct
Step 1	q14	ye s	25	61	29.1
		no	15	101	87.1
	Overall Percentage				62.4
Step 2	q14	ye s	45	41	52.3
		no	28	88	75.9
	Overall Percentage				65.8
Step 3	q14	ye s	49	37	57.0
		no	30	86	74.1
	Overall Percentage				66.8
Step 4	q14	ye s	48	38	55.8
		no	26	90	77.6
	Overall Percentage				68.3
Step 5	q14	ye s	49	37	57.0
		no	27	89	76.7
	Overall Percentage				68.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q22e	-.364	.108	11.424	1	.001	.695
	Constant	2.202	.591	13.882	1	.000	9.041
Step 2[b]	q20d	.238	.081	8.689	1	.003	1.268
	q22e	-.361	.109	11.071	1	.001	.697
	Constant	1.459	.634	5.296	1	.021	4.300
Step 3[c]	q20b	-.247	.103	5.690	1	.017	.781
	q20d	.249	.081	9.412	1	.002	1.283
	q22e	-.345	.109	9.961	1	.002	.708
	Constant	2.793	.865	10.438	1	.001	16.333
Step 4[d]	q9				8.530	3	.036
	q9(1)	.226	.367	.379	1	.538	1.254
	q9(2)	-.958	.489	3.848	1	.050	.383
	q9(3)	-1.094	.593	3.397	1	.065	.335
	q20b	-.238	.107	4.990	1	.026	.788
	q20d	.270	.084	10.410	1	.001	1.310
	q22e	-.333	.111	9.027	1	.003	.717
	Constant	2.767	.920	9.051	1	.003	15.912
Step 5[e]	nation (1)	.826	.413	4.001	1	.045	2.283
	q9				10.059	3	.018
	q9(1)	.156	.372	.175	1	.676	1.168
	q9(2)	-1.127	.507	4.936	1	.026	.324
	q9(3)	-1.309	.611	4.586	1	.032	.270
	q20b	-.252	.108	5.485	1	.019	.777
	q20d	.282	.085	10.990	1	.001	1.326
	q22e	-.359	.112	10.291	1	.001	.698
	Constant	2.838	.923	9.453	1	.002	17.081

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q22e	.562	.858
	Constant		
Step 2[b]	q20d	1.083	1.486
	q22e	.563	.862
	Constant		
Step 3[c]	q20b	.638	.957
	q20d	1.094	1.504
	q22e	.571	.877
	Constant		
Step 4[d]	q9		
	q9(1)	.610	2.577
	q9(2)	.147	.999
	q9(3)	.105	1.072
	q20b	.639	.971
	q20d	1.112	1.544
	q22e	.577	.891
	Constant		
Step 5[e]	nation (1)	1.017	5.128
	q9		
	q9(1)	.564	2.422
	q9(2)	.120	.876
	q9(3)	.082	.895
	q20b	.629	.960
	q20d	1.122	1.567
	q22e	.561	.870
	Constant		

a. Variable(s) entered on step 1: q22e.

b. Variable(s) entered on step 2: q20d.

c. Variable(s) entered on step 3: q20b.

d. Variable(s) entered on step 4: q9.

e. Variable(s) entered on step 5: nation.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q22e	-137.780	12.787	1	.000
Step 2	q20d	-131.386	9.181	1	.002
	q22e	-132.922	12.253	1	.000
Step 3	q20b	-126.796	6.196	1	.013
	q20d	-128.679	9.962	1	.002
	q22e	-129.139	10.883	1	.001
Step 4	q9	-123.698	8.915	3	.030
	q20b	-121.912	5.344	1	.021
	q20d	-124.779	11.077	1	.001
	q22e	-124.086	9.691	1	.002
Step 5	nation	-119.241	4.204	1	.040
	q9	-122.487	10.696	3	.013
	q20b	-120.100	5.922	1	.015
	q20d	-123.010	11.742	1	.001
	q22e	-122.667	11.056	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	2.491	1	.115
		age	4.074	2	.130
		age(1)	.475	1	.491
		age(2)	3.776	1	.052
		nation(1)	1.799	1	.180
		thesis(1)	5.696	1	.017
		enrol(1)	.009	1	.922
		english	2.219	1	.136
		major	8.503	9	.484
		major(1)	.171	1	.679
		major(2)	.203	1	.652
		major(3)	.007	1	.931
		major(4)	.005	1	.942
		major(5)	.016	1	.900
		major(6)	1.233	1	.267
		major(7)	2.106	1	.147
		major(8)	.375	1	.540

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	major(9)	4.335	1	.037
		studying	.839	2	.657
		studying(1)	.508	1	.476
		studying(2)	.342	1	.559
		q9	8.586	3	.035
		q9(1)	2.836	1	.092
		q9(2)	4.922	1	.027
		q9(3)	2.221	1	.136
		q10a	.319	1	.572
		q10b	.165	1	.685
		q10c	.003	1	.960
		q10d	.012	1	.914
		q10e	.121	1	.728
		q20a	.215	1	.643
		q20b	5.176	1	.023
		q20c	.092	1	.762
		q20d	8.987	1	.003
		q20e	.053	1	.817
		q20f	1.917	1	.166
		q20h	5.786	1	.016
		q20i	7.920	1	.005
		q22a	1.882	1	.170
		q22b	.020	1	.887
		q22c	.720	1	.396
		q22d	.004	1	.949
		q22f	.329	1	.566
		q23a	.283	1	.595
		q23b	3.010	1	.083
		q23c	.049	1	.824
		q23d	.114	1	.736
		q23e	4.694	1	.030
		FAC1_1	3.296	1	.069
		FAC2_1	.050	1	.822
		FAC3_1	1.271	1	.260
		FAC4_1	.830	1	.362
		FAC1_2	.002	1	.964
		FAC2_2	.175	1	.676
		FAC3_2	5.556	1	.018

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	FAC4_2	.825	1	.364
		FAC5_2	.319	1	.572
		FAC6_2	3.958	1	.047
	Overall Statistics		75.108	54	.030

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	2.448	1	.118
		age	4.023	2	.134
		age(1)	.146	1	.702
		age(2)	3.969	1	.046
		nation(1)	2.012	1	.156
		thesis(1)	3.698	1	.054
		enrol(1)	.004	1	.947
		english	2.862	1	.091
		major	8.087	9	.525
		major(1)	.350	1	.554
		major(2)	.295	1	.587
		major(3)	.180	1	.672
		major(4)	.034	1	.854
		major(5)	.045	1	.832
		major(6)	.813	1	.367
		major(7)	2.523	1	.112
		major(8)	.002	1	.964
		major(9)	3.805	1	.051
		studying	.891	2	.640
		studying(1)	.100	1	.752
		studying(2)	.802	1	.371
		q9	9.738	3	.021
		q9(1)	3.616	1	.057
		q9(2)	4.439	1	.035
		q9(3)	3.469	1	.063
		q10a	.425	1	.514
		q10b	.015	1	.902
		q10c	1.085	1	.298
		q10d	.001	1	.977
		q10e	.489	1	.484
		q20a	.019	1	.891
		q20b	5.991	1	.014
		q20c	.859	1	.354
		q20e	.767	1	.381
		q20f	.423	1	.515
		q20h	2.764	1	.096
		q20i	3.271	1	.071
		q22a	1.496	1	.221

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22b	.024	1	.876
		q22c	.177	1	.674
		q22d	.044	1	.834
		q22f	.003	1	.955
		q23a	.070	1	.791
		q23b	2.500	1	.114
		q23c	.254	1	.614
		q23d	.000	1	.986
		q23e	3.149	1	.076
		FAC1_1	2.864	1	.091
		FAC2_1	.153	1	.696
		FAC3_1	.270	1	.603
		FAC4_1	1.358	1	.244
		FAC1_2	.033	1	.856
		FAC2_2	1.939	1	.164
		FAC3_2	3.351	1	.067
		FAC4_2	1.060	1	.303
		FAC5_2	.143	1	.705
		FAC6_2	3.532	1	.060
	Overall Statistics		66.791	53	.096

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	3.030	1	.082
		age	5.111	2	.078
		age(1)	.027	1	.868
		age(2)	5.110	1	.024
		nation(1)	2.379	1	.123
		thesis(1)	1.856	1	.173
		enrol(1)	.041	1	.839
		english	1.201	1	.273
		major	7.760	9	.558
		major(1)	.110	1	.740
		major(2)	.336	1	.562
		major(3)	.849	1	.357
		major(4)	.032	1	.858
		major(5)	.203	1	.653
		major(6)	.682	1	.409
		major(7)	1.721	1	.190
		major(8)	.142	1	.706
		major(9)	3.244	1	.072
		studying	1.303	2	.521
		studying(1)	.020	1	.888
		studying(2)	1.291	1	.256
		q9	8.922	3	.030
		q9(1)	2.522	1	.112
		q9(2)	4.208	1	.040
		q9(3)	3.367	1	.067
		q10a	.001	1	.971
		q10b	.247	1	.619
		q10c	.380	1	.538
		q10d	.521	1	.470
		q10e	.032	1	.858
		q20a	2.962	1	.085
		q20c	.001	1	.981
		q20e	.081	1	.776
		q20f	.219	1	.640
		q20h	1.902	1	.168
		q20i	2.295	1	.130
		q22a	2.137	1	.144
		q22b	.039	1	.843

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	.137	1	.712
		q22d	.070	1	.791
		q22f	.007	1	.932
		q23a	.168	1	.682
		q23b	2.775	1	.096
		q23c	.106	1	.744
		q23d	.091	1	.763
		q23e	2.890	1	.089
		FAC1_1	1.007	1	.316
		FAC2_1	.134	1	.714
		FAC3_1	.024	1	.878
		FAC4_1	1.826	1	.177
		FAC1_2	.010	1	.920
		FAC2_2	2.398	1	.121
		FAC3_2	2.054	1	.152
		FAC4_2	1.500	1	.221
		FAC5_2	.000	1	.990
		FAC6_2	2.738	1	.098
	Overall Statistics		62.305	52	.155

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	3.484	1	.062
		age	4.604	2	.100
		age(1)	.417	1	.519
		age(2)	4.389	1	.036
		nation(1)	4.095	1	.043
		thesis(1)	1.808	1	.179
		enrol(1)	.001	1	.973
		english	.230	1	.631
		major	6.608	9	.678
		major(1)	.259	1	.611
		major(2)	.520	1	.471
		major(3)	1.337	1	.248
		major(4)	.029	1	.866
		major(5)	.328	1	.567
		major(6)	.382	1	.536
		major(7)	1.044	1	.307
		major(8)	.562	1	.454
		major(9)	2.901	1	.089
		studying	1.803	2	.406
		studying(1)	.751	1	.386
		studying(2)	1.116	1	.291
		q10a	.011	1	.916
		q10b	.486	1	.486
		q10c	.144	1	.704
		q10d	.576	1	.448
		q10e	.002	1	.960
		q20a	2.446	1	.118
		q20c	.289	1	.591
		q20e	.007	1	.935
		q20f	.637	1	.425
		q20h	1.854	1	.173
		q20i	1.774	1	.183
		q22a	1.932	1	.165
		q22b	.093	1	.760
		q22c	.159	1	.690
		q22d	.000	1	.986
		q22f	.005	1	.945
		q23a	.178	1	.673

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q23b	2.490	1	.115
		q23c	.017	1	.897
		q23d	.141	1	.707
		q23e	2.949	1	.086
		FAC1_1	.597	1	.440
		FAC2_1	.007	1	.931
		FAC3_1	.005	1	.945
		FAC4_1	2.182	1	.140
		FAC1_2	.005	1	.943
		FAC2_2	.916	1	.338
		FAC3_2	2.227	1	.136
		FAC4_2	1.618	1	.203
		FAC5_2	.005	1	.943
		FAC6_2	1.449	1	.229
	Overall Statistics		55.609	49	.240

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	gender(1)	2.597	1	.107
		age	4.529	2	.104
		age(1)	.665	1	.415
		age(2)	4.117	1	.042
		thesis(1)	2.790	1	.095
		enrol(1)	.004	1	.950
		english	.462	1	.497
		major	6.517	9	.687
		major(1)	.478	1	.489
		major(2)	.680	1	.410
		major(3)	.646	1	.421
		major(4)	.026	1	.872
		major(5)	.256	1	.613
		major(6)	.122	1	.727
		major(7)	1.425	1	.233
		major(8)	.540	1	.462
		major(9)	3.071	1	.080
		studying	2.039	2	.361
		studying(1)	1.234	1	.267
		studying(2)	.877	1	.349
		q10a	.020	1	.887
		q10b	.116	1	.733
		q10c	.292	1	.589
		q10d	.760	1	.383
		q10e	.016	1	.899
		q20a	2.517	1	.113
		q20c	.297	1	.586
		q20e	.001	1	.975
		q20f	.571	1	.450
		q20h	1.455	1	.228
		q20i	1.773	1	.183
		q22a	1.224	1	.269
		q22b	.102	1	.749
		q22c	.114	1	.736
		q22d	.001	1	.980
		q22f	.072	1	.788
		q23a	.222	1	.637
		q23b	2.604	1	.107

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	q23c	.002	1	.961
		q23d	.075	1	.784
		q23e	2.907	1	.088
		FAC1_1	.281	1	.596
		FAC2_1	.009	1	.926
		FAC3_1	.008	1	.928
		FAC4_1	2.225	1	.136
		FAC1_2	.008	1	.930
		FAC2_2	1.237	1	.266
		FAC3_2	1.298	1	.255
		FAC4_2	1.136	1	.287
		FAC5_2	.081	1	.776
		FAC6_2	2.339	1	.126
	Overall Statistics		51.870	48	.325

```
LOGISTIC REGRESSION VARIABLES   q17a
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

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Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	207	55.9
	Missing Cases	163	44.1
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	96	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	194	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	163	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	163	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	123	.000		
	no	84	1.000		
Full-time Enrollment		94	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q17a		Percentage Correct
			Do Not Use	Use	
Step 0	q17a	Do Not Use	0	25	.0
		Use	0	182	100.0
	Overall Percentage				87.9

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	1.985	.213	86.620	1	.000	7.280

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.569	1	.451
		age	13.011	2	.001
		age(1)	8.326	1	.004
		age(2)	3.762	1	.052
		nation(1)	.027	1	.870
		thesis(1)	.138	1	.710
		enrol(1)	.498	1	.480
		english	3.350	1	.067
		major	10.305	9	.326
		major(1)	1.896	1	.168
		major(2)	5.988	1	.014

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	.688	1	.407
		major(4)	1.747	1	.186
		major(5)	.303	1	.582
		major(6)	.207	1	.649
		major(7)	.251	1	.616
		major(8)	.253	1	.615
		major(9)	.098	1	.755
		studying	16.636	2	.000
		studying(1)	5.065	1	.024
		studying(2)	11.082	1	.001
		q9	1.202	3	.753
		q9(1)	.171	1	.679
		q9(2)	.638	1	.425
		q9(3)	.541	1	.462
		q10a	3.533	1	.060
		q10b	3.862	1	.049
		q10c	.571	1	.450
		q10d	1.917	1	.166
		q10e	.072	1	.789
		q20a	9.778	1	.002
		q20b	20.249	1	.000
		q20c	.020	1	.889
		q20d	1.468	1	.226
		q20e	.004	1	.949
		q20f	.031	1	.859
		q20h	.838	1	.360
		q20i	3.859	1	.049
		q22a	3.335	1	.068
		q22b	2.553	1	.110
		q22c	.141	1	.707
		q22d	.011	1	.918
		q22e	.621	1	.431
		q22f	1.602	1	.206
		q23a	.486	1	.486
		q23b	.031	1	.860
		q23c	1.043	1	.307
		q23d	1.522	1	.217
		q23e	.000	1	.999

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	2.038	1	.153
		FAC2_1	2.755	1	.097
		FAC3_1	2.973	1	.085
		FAC4_1	.613	1	.434
		FAC1_2	2.449	1	.118
		FAC2_2	3.548	1	.060
		FAC3_2	.135	1	.713
		FAC4_2	.041	1	.839
		FAC5_2	1.325	1	.250
		FAC6_2	.083	1	.773
	Overall Statistics		77.964	55	.023

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	16.336	1	.000
	Block	16.336	1	.000
	Model	16.336	1	.000
Step 2	Step	9.558	2	.008
	Block	25.894	3	.000
	Model	25.894	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	136.207[a]	.076	.146
2	126.650[a]	.118	.226

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

Classification Table [a]

	Observed		Predicted		
			q17a		Percentage Correct
			Do Not Use	Use	
Step 1	q17a	Do Not Use	2	23	8.0
		Use	4	178	97.8
	Overall Percentage				87.0
Step 2	q17a	Do Not Use	5	20	20.0
		Use	1	181	99.5
	Overall Percentage				89.9

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q20b	.466	.114	16.608	1	.000	1.593
	Constant	-.522	.608	.737	1	.391	.593
Step 2[b]	studying			10.029	2	.007	
	studying (1)	-1.727	.822	4.414	1	.036	.178
	studying (2)	-2.475	.977	6.426	1	.011	.084
	q20b	.466	.118	15.553	1	.000	1.594
	Constant	-.278	.625	.198	1	.656	.757

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q20b	1.274	1.993
	Constant		
Step 2[b]	studying		
	studying (1)	.035	.891
	studying (2)	.012	.570
	q20b	1.264	2.010
	Constant		

a. Variable(s) entered on step 1: q20b.

b. Variable(s) entered on step 2: studying.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q20b	-76.272	16.336	1	.000
Step 2	studying	-68.104	9.558	2	.008
	q20b	-70.840	15.031	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	1.656	1	.198
		age	10.798	2	.005
		age(1)	6.994	1	.008
		age(2)	2.901	1	.089
		nation(1)	.000	1	.990
		thesis(1)	1.567	1	.211
		enrol(1)	.243	1	.622
		english	.662	1	.416
		major	13.395	9	.146
		major(1)	1.301	1	.254
		major(2)	6.829	1	.009
		major(3)	3.769	1	.052
		major(4)	1.455	1	.228

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	major(5)	.028	1	.867
		major(6)	.072	1	.789
		major(7)	.708	1	.400
		major(8)	.010	1	.922
		major(9)	.754	1	.385
		studying	13.097	2	.001
		studying(1)	4.320	1	.038
		studying(2)	8.277	1	.004
		q9	1.783	3	.619
		q9(1)	.041	1	.839
		q9(2)	.670	1	.413
		q9(3)	1.241	1	.265
		q10a	.661	1	.416
		q10b	.985	1	.321
		q10c	4.237	1	.040
		q10d	.078	1	.780
		q10e	.794	1	.373
		q20a	1.713	1	.191
		q20c	3.976	1	.046
		q20d	3.641	1	.056
		q20e	1.848	1	.174
		q20f	.018	1	.893
		q20h	.217	1	.641
		q20i	3.288	1	.070
		q22a	2.554	1	.110
		q22b	3.050	1	.081
		q22c	.090	1	.765
		q22d	.091	1	.763
		q22e	.251	1	.616
		q22f	1.592	1	.207
		q23a	.311	1	.577
		q23b	.023	1	.880
		q23c	.747	1	.387
		q23d	.594	1	.441
		q23e	.115	1	.734
		FAC1_1	.079	1	.778
		FAC2_1	4.686	1	.030
		FAC3_1	1.039	1	.308

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	FAC4_1	.594	1	.441
		FAC1_2	2.329	1	.127
		FAC2_2	3.782	1	.052
		FAC3_2	.058	1	.810
		FAC4_2	.011	1	.916
		FAC5_2	.353	1	.552
		FAC6_2	.179	1	.672
	Overall Statistics		63.142	54	.185

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.636	1	.425
		age	4.998	2	.082
		age(1)	3.413	1	.065
		age(2)	.660	1	.417
		nation(1)	.044	1	.834
		thesis(1)	1.871	1	.171
		enrol(1)	.153	1	.696
		english	1.479	1	.224
		major	10.734	9	.294
		major(1)	.376	1	.540
		major(2)	7.002	1	.008
		major(3)	2.566	1	.109
		major(4)	.856	1	.355
		major(5)	.071	1	.789
		major(6)	.126	1	.723
		major(7)	.353	1	.553
		major(8)	.048	1	.826
		major(9)	.398	1	.528
		q9	.564	3	.905
		q9(1)	.061	1	.805
		q9(2)	.559	1	.455
		q9(3)	.029	1	.864
		q10a	1.242	1	.265
		q10b	1.473	1	.225
		q10c	2.129	1	.145
		q10d	.092	1	.762
		q10e	.065	1	.798
		q20a	.465	1	.495
		q20c	3.213	1	.073
		q20d	2.017	1	.156
		q20e	.676	1	.411
		q20f	.024	1	.876
		q20h	.275	1	.600
		q20i	2.714	1	.099
		q22a	.307	1	.580
		q22b	1.195	1	.274
		q22c	.037	1	.847
		q22d	.538	1	.463

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22e	.030	1	.862
		q22f	1.647	1	.199
		q23a	.000	1	.998
		q23b	.002	1	.964
		q23c	.261	1	.609
		q23d	.399	1	.527
		q23e	.065	1	.798
		FAC1_1	.290	1	.590
		FAC2_1	3.413	1	.065
		FAC3_1	.372	1	.542
		FAC4_1	.746	1	.388
		FAC1_2	2.303	1	.129
		FAC2_2	1.059	1	.304
		FAC3_2	.465	1	.495
		FAC4_2	.033	1	.855
		FAC5_2	.174	1	.677
		FAC6_2	.176	1	.675
	Overall Statistics		56.144	52	.322

```
LOGISTIC REGRESSION VARIABLES   q17b
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

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Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	207	55.9
	Missing Cases	163	44.1
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	96	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	194	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	163	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	163	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	123	.000		
	no	84	1.000		
Full-time Enrollment		94	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q17b		Percentage Correct
			Do Not Use	Use	
Step 0	q17b	Do Not Use	0	101	.0
		Use	0	106	100.0
	Overall Percentage				51.2

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	.048	.139	.121	1	.728	1.050

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	1.634	1	.201
		age	9.273	2	.010
		age(1)	4.596	1	.032
		age(2)	5.377	1	.020
		nation(1)	.033	1	.857
		thesis(1)	.083	1	.774
		enrol(1)	.001	1	.970
		english	17.995	1	.000
		major	23.276	9	.006
		major(1)	.766	1	.381
		major(2)	.013	1	.910

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	.118	1	.731
		major(4)	2.632	1	.105
		major(5)	1.997	1	.158
		major(6)	1.522	1	.217
		major(7)	.902	1	.342
		major(8)	9.372	1	.002
		major(9)	4.357	1	.037
		studying	5.398	2	.067
		studying(1)	.005	1	.944
		studying(2)	5.377	1	.020
		q9	10.967	3	.012
		q9(1)	4.719	1	.030
		q9(2)	8.773	1	.003
		q9(3)	.128	1	.721
		q10a	8.146	1	.004
		q10b	4.866	1	.027
		q10c	.806	1	.369
		q10d	9.570	1	.002
		q10e	1.305	1	.253
		q20a	16.656	1	.000
		q20b	13.644	1	.000
		q20c	48.886	1	.000
		q20d	.058	1	.810
		q20e	5.812	1	.016
		q20f	15.003	1	.000
		q20h	.011	1	.918
		q20i	.988	1	.320
		q22a	.096	1	.757
		q22b	2.316	1	.128
		q22c	.821	1	.365
		q22d	.060	1	.807
		q22e	2.873	1	.090
		q22f	.054	1	.817
		q23a	1.993	1	.158
		q23b	.009	1	.924
		q23c	1.816	1	.178
		q23d	.242	1	.623
		q23e	.229	1	.632

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	6.325	1	.012
		FAC2_1	.025	1	.874
		FAC3_1	2.974	1	.085
		FAC4_1	4.267	1	.039
		FAC1_2	1.478	1	.224
		FAC2_2	.399	1	.527
		FAC3_2	12.388	1	.000
		FAC4_2	4.544	1	.033
		FAC5_2	.508	1	.476
		FAC6_2	.280	1	.597
	Overall Statistics		105.214	55	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	53.398	1	.000
	Block	53.398	1	.000
	Model	53.398	1	.000
Step 2	Step	15.522	3	.001
	Block	68.920	4	.000
	Model	68.920	4	.000
Step 3	Step	9.637	1	.002
	Block	78.557	5	.000
	Model	78.557	5	.000
Step 4	Step	4.759	1	.029
	Block	83.316	6	.000
	Model	83.316	6	.000
Step 5	Step	6.098	1	.014
	Block	89.414	7	.000
	Model	89.414	7	.000
Step 6	Step	5.440	1	.020
	Block	94.854	8	.000
	Model	94.854	8	.000
Step 7	Step	6.858	1	.009
	Block	101.712	9	.000
	Model	101.712	9	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	233.444[a]	.227	.303
2	217.922[b]	.283	.378
3	208.285[b]	.316	.421
4	203.526[b]	.331	.442
5	197.429[b]	.351	.468
6	191.988[b]	.368	.490
7	185.130[b]	.388	.518

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

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

Classification Table [a]

	Observed		Predicted		
			q17b		Percentage Correct
			Do Not Use	Use	
Step 1	q17b	Do Not Use	69	32	68.3
		Use	25	81	76.4
	Overall Percentage				72.5
Step 2	q17b	Do Not Use	79	22	78.2
		Use	28	78	73.6
	Overall Percentage				75.8
Step 3	q17b	Do Not Use	76	25	75.2
		Use	21	85	80.2
	Overall Percentage				77.8
Step 4	q17b	Do Not Use	75	26	74.3
		Use	24	82	77.4
	Overall Percentage				75.8
Step 5	q17b	Do Not Use	79	22	78.2
		Use	24	82	77.4
	Overall Percentage				77.8
Step 6	q17b	Do Not Use	80	21	79.2
		Use	23	83	78.3
	Overall Percentage				78.7
Step 7	q17b	Do Not Use	80	21	79.2
		Use	23	83	78.3
	Overall Percentage				78.7

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q20c	.625	.099	40.138	1	.000	1.868
	Constant	-2.756	.478	33.300	1	.000	.064
Step 2[b]	q9					13.241	3 .004
	q9(1)	-.750	.378	3.929	1	.047	.472
	q9(2)	1.299	.643	4.078	1	.043	3.665
	q9(3)	-1.320	.598	4.864	1	.027	.267
	q20c	.704	.110	41.114	1	.000	2.021
	Constant	-2.860	.517	30.662	1	.000	.057
Step 3[c]	q9					13.213	3 .004
	q9(1)	-.497	.394	1.593	1	.207	.608
	q9(2)	1.745	.700	6.204	1	.013	5.724
	q9(3)	-1.251	.603	4.300	1	.038	.286
	q20c	.705	.113	38.776	1	.000	2.025
	FAC3_2	.587	.197	8.910	1	.003	1.799
	Constant	-2.996	.540	30.834	1	.000	.050
Step 4[d]	q9					13.568	3 .004
	q9(1)	-.435	.398	1.193	1	.275	.648
	q9(2)	1.883	.732	6.619	1	.010	6.575
	q9(3)	-1.352	.624	4.697	1	.030	.259
	q20c	.661	.115	33.144	1	.000	1.937
	q20f	.200	.093	4.657	1	.031	1.222
	FAC3_2	.581	.199	8.498	1	.004	1.788
	Constant	-3.672	.653	31.630	1	.000	.025
Step 5[e]	q9					14.190	3 .003
	q9(1)	-.482	.403	1.428	1	.232	.618
	q9(2)	2.191	.771	8.069	1	.005	8.948
	q9(3)	-1.153	.652	3.132	1	.077	.316
	q20c	.676	.116	33.824	1	.000	1.966
	q20f	.281	.101	7.760	1	.005	1.325
	FAC2_2	-.503	.209	5.789	1	.016	.605
	FAC3_2	.616	.205	9.041	1	.003	1.851
	Constant	-4.103	.706	33.754	1	.000	.017

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 6[f]	english	.392	.172	5.209	1	.022	1.480
	q9			11.217	3	.011	
	q9(1)	-.342	.412	.686	1	.407	.711
	q9(2)	2.000	.784	6.504	1	.011	7.390
	q9(3)	-1.104	.654	2.854	1	.091	.331
	q20c	.629	.118	28.621	1	.000	1.876
	q20f	.280	.101	7.693	1	.006	1.324
	FAC2_2	-.661	.225	8.637	1	.003	.516
	FAC3_2	.582	.209	7.750	1	.005	1.790
	Constant	-5.981	1.143	27.388	1	.000	.003
Step 7[g]	english	.499	.179	7.775	1	.005	1.648
	q9			10.957	3	.012	
	q9(1)	-.411	.427	.927	1	.336	.663
	q9(2)	1.774	.746	5.657	1	.017	5.895
	q9(3)	-1.133	.658	2.965	1	.085	.322
	q10c	-.311	.124	6.328	1	.012	.732
	q20c	.741	.132	31.327	1	.000	2.097
	q20f	.318	.105	9.235	1	.002	1.375
	FAC2_2	-.653	.225	8.438	1	.004	.520
	FAC3_2	.514	.215	5.726	1	.017	1.672
	Constant	-5.956	1.151	26.760	1	.000	.003

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q20c	1.540	2.267
	Constant		
Step 2[b]	q9		
	q9(1)	.225	.992
	q9(2)	1.039	12.928
	q9(3)	.083	.863
	q20c	1.630	2.506
	Constant		
Step 3[c]	q9		
	q9(1)	.281	1.317
	q9(2)	1.450	22.590
	q9(3)	.088	.934
	q20c	1.622	2.528
	FAC3_2	1.223	2.646
	Constant		
Step 4[d]	q9		
	q9(1)	.297	1.413
	q9(2)	1.566	27.604
	q9(3)	.076	.879
	q20c	1.547	2.427
	q20f	1.019	1.466
	FAC3_2	1.210	2.643
	Constant		
Step 5[e]	q9		
	q9(1)	.280	1.361
	q9(2)	1.973	40.591
	q9(3)	.088	1.132
	q20c	1.565	2.468
	q20f	1.087	1.614
	FAC2_2	.401	.911
	FAC3_2	1.239	2.765
	Constant		

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 6[f]	english	1.057	2.073
	q9		
	q9(1)	.317	1.594
	q9(2)	1.589	34.375
	q9(3)	.092	1.193
	q20c	1.490	2.362
	q20f	1.086	1.613
	FAC2_2	.332	.802
	FAC3_2	1.188	2.698
	Constant		
Step 7[g]	english	1.160	2.340
	q9		
	q9(1)	.287	1.530
	q9(2)	1.366	25.436
	q9(3)	.089	1.170
	q10c	.575	.934
	q20c	1.618	2.718
	q20f	1.120	1.688
	FAC2_2	.335	.809
	FAC3_2	1.097	2.547
	Constant		

a. Variable(s) entered on step 1: q20c.

b. Variable(s) entered on step 2: q9.

c. Variable(s) entered on step 3: FAC3_2.

d. Variable(s) entered on step 4: q20f.

e. Variable(s) entered on step 5: FAC2_2.

f. Variable(s) entered on step 6: english.

g. Variable(s) entered on step 7: q10c.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q20c	-143.421	53.398	1	.000
Step 2	q9	-116.722	15.522	3	.001
	q20c	-137.687	57.451	1	.000
Step 3	q9	-112.124	15.962	3	.001
	q20c	-131.185	54.085	1	.000
	FAC3_2	-108.961	9.637	1	.002
Step 4	q9	-110.062	16.599	3	.001
	q20c	-123.659	43.791	1	.000
	q20f	-104.143	4.759	1	.029
	FAC3_2	-106.365	9.203	1	.002
Step 5	q9	-107.679	17.929	3	.000
	q20c	-121.110	44.790	1	.000
	q20f	-102.781	8.134	1	.004
	FAC2_2	-101.763	6.098	1	.014
	FAC3_2	-103.595	9.761	1	.002
Step 6	english	-98.714	5.440	1	.020
	q9	-102.901	13.815	3	.003
	q20c	-114.004	36.020	1	.000
	q20f	-100.023	8.057	1	.005
	FAC2_2	-100.669	9.349	1	.002
	FAC3_2	-100.107	8.226	1	.004
Step 7	english	-96.681	8.232	1	.004
	q9	-99.232	13.334	3	.004
	q10c	-95.994	6.858	1	.009
	q20c	-113.736	42.341	1	.000
	q20f	-97.472	9.813	1	.002
	FAC2_2	-97.105	9.080	1	.003
	FAC3_2	-95.552	5.974	1	.015

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	.457	1	.499
		age	2.710	2	.258
		age(1)	1.035	1	.309
		age(2)	1.789	1	.181

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	nation(1)	.409	1	.522
		thesis(1)	.022	1	.882
		enrol(1)	.057	1	.811
		english	6.867	1	.009
		major	10.336	9	.324
		major(1)	.117	1	.733
		major(2)	.000	1	.989
		major(3)	.289	1	.591
		major(4)	1.113	1	.292
		major(5)	1.404	1	.236
		major(6)	.774	1	.379
		major(7)	.056	1	.812
		major(8)	1.872	1	.171
		major(9)	5.207	1	.022
		studying	5.029	2	.081
		studying(1)	.750	1	.387
		studying(2)	4.170	1	.041
		q9	14.516	3	.002
		q9(1)	4.410	1	.036
		q9(2)	7.850	1	.005
		q9(3)	4.244	1	.039
		q10a	2.504	1	.114
		q10b	.040	1	.841
		q10c	3.627	1	.057
		q10d	2.027	1	.155
		q10e	.438	1	.508
		q20a	9.241	1	.002
		q20b	1.690	1	.194
		q20d	3.777	1	.052
		q20e	.479	1	.489
		q20f	4.745	1	.029
		q20h	.179	1	.672
		q20i	4.820	1	.028
		q22a	.496	1	.481
		q22b	.011	1	.918
		q22c	.329	1	.566
		q22d	.009	1	.924
		q22e	1.114	1	.291

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q22f	.322	1	.570
		q23a	3.033	1	.082
		q23b	.014	1	.907
		q23c	1.543	1	.214
		q23d	.030	1	.862
		q23e	.000	1	.983
		FAC1_1	.040	1	.841
		FAC2_1	.221	1	.638
		FAC3_1	.749	1	.387
		FAC4_1	2.286	1	.131
		FAC1_2	.001	1	.974
		FAC2_2	1.994	1	.158
		FAC3_2	9.018	1	.003
		FAC4_2	.835	1	.361
		FAC5_2	.225	1	.636
		FAC6_2	.278	1	.598
	Overall Statistics		71.291	54	.058

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.984	1	.321
		age	3.435	2	.180
		age(1)	1.602	1	.206
		age(2)	2.029	1	.154
		nation(1)	.149	1	.699
		thesis(1)	.014	1	.907
		enrol(1)	.058	1	.809
		english	3.886	1	.049
		major	9.671	9	.378
		major(1)	.073	1	.787
		major(2)	.019	1	.889
		major(3)	.262	1	.609
		major(4)	1.575	1	.210
		major(5)	.315	1	.575
		major(6)	.387	1	.534
		major(7)	.007	1	.931
		major(8)	2.035	1	.154
		major(9)	5.585	1	.018
		studying	3.884	2	.143
		studying(1)	.593	1	.441
		studying(2)	3.151	1	.076
		q10a	2.026	1	.155
		q10b	.015	1	.903
		q10c	4.412	1	.036
		q10d	2.201	1	.138
		q10e	.503	1	.478
		q20a	7.089	1	.008
		q20b	.824	1	.364
		q20d	3.460	1	.063
		q20e	.312	1	.577
		q20f	5.233	1	.022
		q20h	.168	1	.682
		q20i	3.501	1	.061
		q22a	.002	1	.967
		q22b	.107	1	.743
		q22c	.386	1	.535
		q22d	.029	1	.865
		q22e	.462	1	.497

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22f	.179	1	.672
		q23a	2.669	1	.102
		q23b	.012	1	.914
		q23c	1.521	1	.217
		q23d	.001	1	.977
		q23e	.024	1	.878
		FAC1_1	.154	1	.694
		FAC2_1	.309	1	.578
		FAC3_1	.309	1	.578
		FAC4_1	1.461	1	.227
		FAC1_2	.063	1	.801
		FAC2_2	2.441	1	.118
		FAC3_2	9.460	1	.002
		FAC4_2	1.528	1	.216
		FAC5_2	.270	1	.604
		FAC6_2	1.390	1	.238
	Overall Statistics		58.616	51	.216

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.131	1	.718
		age	3.156	2	.206
		age(1)	1.987	1	.159
		age(2)	1.351	1	.245
		nation(1)	.003	1	.954
		thesis(1)	.000	1	.997
		enrol(1)	.056	1	.813
		english	2.896	1	.089
		major	11.973	9	.215
		major(1)	.010	1	.918
		major(2)	.006	1	.940
		major(3)	.639	1	.424
		major(4)	3.644	1	.056
		major(5)	.558	1	.455
		major(6)	.290	1	.590
		major(7)	.006	1	.938
		major(8)	1.788	1	.181
		major(9)	5.870	1	.015
		studying	2.780	2	.249
		studying(1)	.652	1	.419
		studying(2)	2.019	1	.155
		q10a	2.140	1	.143
		q10b	.512	1	.474
		q10c	3.382	1	.066
		q10d	1.804	1	.179
		q10e	.437	1	.508
		q20a	4.665	1	.031
		q20b	.318	1	.573
		q20d	1.283	1	.257
		q20e	.697	1	.404
		q20f	4.777	1	.029
		q20h	.343	1	.558
		q20i	3.102	1	.078
		q22a	.036	1	.850
		q22b	.252	1	.616
		q22c	.945	1	.331
		q22d	.150	1	.699
		q22e	.149	1	.699

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22f	.008	1	.930
		q23a	2.632	1	.105
		q23b	.001	1	.973
		q23c	1.159	1	.282
		q23d	.019	1	.890
		q23e	.120	1	.729
		FAC1_1	.013	1	.908
		FAC2_1	.544	1	.461
		FAC3_1	.110	1	.741
		FAC4_1	2.654	1	.103
		FAC1_2	.344	1	.557
		FAC2_2	2.683	1	.101
		FAC4_2	2.250	1	.134
		FAC5_2	.140	1	.709
		FAC6_2	1.234	1	.267
	Overall Statistics		52.954	50	.361

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	.133	1	.715
		age	2.488	2	.288
		age(1)	1.525	1	.217
		age(2)	1.133	1	.287
		nation(1)	.029	1	.864
		thesis(1)	.121	1	.728
		enrol(1)	.124	1	.725
		english	2.173	1	.140
		major	11.405	9	.249
		major(1)	.092	1	.762
		major(2)	.286	1	.593
		major(3)	.864	1	.353
		major(4)	3.187	1	.074
		major(5)	.489	1	.484
		major(6)	.238	1	.626
		major(7)	.003	1	.958
		major(8)	1.402	1	.236
		major(9)	5.789	1	.016
		studying	3.196	2	.202
		studying(1)	1.149	1	.284
		studying(2)	1.897	1	.168
		q10a	1.743	1	.187
		q10b	.190	1	.663
		q10c	4.964	1	.026
		q10d	1.134	1	.287
		q10e	.931	1	.335
		q20a	4.233	1	.040
		q20b	.788	1	.375
		q20d	2.711	1	.100
		q20e	1.635	1	.201
		q20h	.920	1	.337
		q20i	4.386	1	.036
		q22a	.004	1	.949
		q22b	.002	1	.966
		q22c	.606	1	.436
		q22d	.246	1	.620
		q22e	.051	1	.821
		q22f	.010	1	.920

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q23a	1.979	1	.160
		q23b	.004	1	.950
		q23c	.911	1	.340
		q23d	.043	1	.835
		q23e	.005	1	.945
		FAC1_1	.023	1	.881
		FAC2_1	1.505	1	.220
		FAC3_1	.272	1	.602
		FAC4_1	1.799	1	.180
		FAC1_2	.044	1	.833
		FAC2_2	6.056	1	.014
		FAC4_2	1.352	1	.245
		FAC5_2	.132	1	.716
		FAC6_2	1.023	1	.312
	Overall Statistics		48.735	49	.484

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	gender(1)	.075	1	.784
		age	2.535	2	.282
		age(1)	1.784	1	.182
		age(2)	.920	1	.337
		nation(1)	.007	1	.934
		thesis(1)	.276	1	.600
		enrol(1)	.474	1	.491
		english	5.375	1	.020
		major	13.001	9	.163
		major(1)	.357	1	.550
		major(2)	.075	1	.785
		major(3)	1.166	1	.280
		major(4)	4.336	1	.037
		major(5)	.128	1	.721
		major(6)	.005	1	.946
		major(7)	.018	1	.893
		major(8)	2.040	1	.153
		major(9)	5.592	1	.018
		studying	2.094	2	.351
		studying(1)	.617	1	.432
		studying(2)	1.388	1	.239
		q10a	2.138	1	.144
		q10b	.923	1	.337
		q10c	3.964	1	.046
		q10d	1.308	1	.253
		q10e	.828	1	.363
		q20a	3.723	1	.054
		q20b	.562	1	.454
		q20d	1.348	1	.246
		q20e	1.760	1	.185
		q20h	1.274	1	.259
		q20i	4.489	1	.034
		q22a	.021	1	.885
		q22b	.601	1	.438
		q22c	1.422	1	.233
		q22d	.605	1	.437
		q22e	.113	1	.736
		q22f	.320	1	.572

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	q23a	1.819	1	.177
		q23b	.010	1	.919
		q23c	1.505	1	.220
		q23d	.001	1	.976
		q23e	.022	1	.883
		FAC1_1	.033	1	.855
		FAC2_1	.195	1	.658
		FAC3_1	.250	1	.617
		FAC4_1	2.490	1	.115
		FAC1_2	.000	1	.999
		FAC4_2	1.149	1	.284
		FAC5_2	.021	1	.885
		FAC6_2	1.322	1	.250
	Overall Statistics		46.730	48	.525

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	gender(1)	.001	1	.979
		age	2.301	2	.316
		age(1)	1.461	1	.227
		age(2)	1.008	1	.315
		nation(1)	.115	1	.735
		thesis(1)	.096	1	.756
		enrol(1)	.212	1	.645
		major	11.270	9	.258
		major(1)	.181	1	.670
		major(2)	.078	1	.780
		major(3)	.706	1	.401
		major(4)	5.316	1	.021
		major(5)	.079	1	.779
		major(6)	.138	1	.710
		major(7)	.019	1	.889
		major(8)	1.289	1	.256
		major(9)	4.361	1	.037
		studying	2.042	2	.360
		studying(1)	.821	1	.365
		studying(2)	1.137	1	.286
		q10a	.357	1	.550
		q10b	.039	1	.842
		q10c	6.612	1	.010
		q10d	.238	1	.626
		q10e	2.619	1	.106
		q20a	2.290	1	.130
		q20b	.094	1	.759
		q20d	1.476	1	.224
		q20e	1.900	1	.168
		q20h	1.243	1	.265
		q20i	4.385	1	.036
		q22a	.000	1	.988
		q22b	.473	1	.492
		q22c	1.281	1	.258
		q22d	.500	1	.480
		q22e	.001	1	.973
		q22f	.047	1	.829
		q23a	1.513	1	.219

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	q23b	.010	1	.922
		q23c	1.043	1	.307
		q23d	.058	1	.809
		q23e	.003	1	.953
		FAC1_1	.807	1	.369
		FAC2_1	.215	1	.643
		FAC3_1	.074	1	.785
		FAC4_1	1.405	1	.236
		FAC1_2	.010	1	.920
		FAC4_2	.784	1	.376
		FAC5_2	.001	1	.974
		FAC6_2	1.868	1	.172
	Overall Statistics		41.077	47	.715

Variables not in the Equation

			Score	df	Sig.
Step 7	Variables	gender(1)	.019	1	.891
		age	3.387	2	.184
		age(1)	2.316	1	.128
		age(2)	1.288	1	.256
		nation(1)	.117	1	.732
		thesis(1)	.081	1	.776
		enrol(1)	.378	1	.539
		major	12.114	9	.207
		major(1)	.000	1	.990
		major(2)	.105	1	.746
		major(3)	1.538	1	.215
		major(4)	5.885	1	.015
		major(5)	.140	1	.708
		major(6)	.271	1	.603
		major(7)	.067	1	.796
		major(8)	.732	1	.392
		major(9)	4.603	1	.032
		studying	1.489	2	.475
		studying(1)	.562	1	.454
		studying(2)	.852	1	.356
		q10a	.849	1	.357
		q10b	1.053	1	.305
		q10d	.504	1	.478
		q10e	.181	1	.671
		q20a	2.859	1	.091
		q20b	.254	1	.614
		q20d	.391	1	.532
		q20e	.682	1	.409
		q20h	.792	1	.373
		q20i	2.600	1	.107
		q22a	.002	1	.969
		q22b	.848	1	.357
		q22c	1.692	1	.193
		q22d	.801	1	.371
		q22e	.078	1	.780
		q22f	.306	1	.580
		q23a	1.264	1	.261
		q23b	.064	1	.800

Variables not in the Equation

			Score	df	Sig.
Step 7	Variables	q23c	.849	1	.357
		q23d	.081	1	.775
		q23e	.003	1	.953
		FAC1_1	.645	1	.422
		FAC2_1	.051	1	.821
		FAC3_1	.037	1	.848
		FAC4_1	.906	1	.341
		FAC1_2	.062	1	.803
		FAC4_2	.529	1	.467
		FAC5_2	.015	1	.902
		FAC6_2	2.576	1	.108
	Overall Statistics		35.909	46	.858

```
LOGISTIC REGRESSION VARIABLES   q17c
  /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
  q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
  q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
  FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
  /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
  (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
  (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
  (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
  /PRINT = CI(95)
  /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	207	55.9
	Missing Cases	163	44.1
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	96	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	194	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	163	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	163	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	123	.000		
	no	84	1.000		
Full-time Enrollment		94	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q17c		Percentage Correct
			Do Not Use	Use	
Step 0	q17c	Do Not Use	112	0	100.0
		Use	95	0	.0
	Overall Percentage				54.1

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	-.165	.139	1.393	1	.238	.848

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.243	1	.622
		age	2.424	2	.298
		age(1)	1.224	1	.269
		age(2)	1.383	1	.240
		nation(1)	.004	1	.947
		thesis(1)	2.486	1	.115
		enrol(1)	2.695	1	.101
		english	3.989	1	.046
		major	16.507	9	.057
		major(1)	4.998	1	.025
		major(2)	.396	1	.529

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	2.490	1	.115
		major(4)	1.170	1	.279
		major(5)	.072	1	.789
		major(6)	9.761	1	.002
		major(7)	.309	1	.579
		major(8)	.086	1	.769
		major(9)	.001	1	.976
		studying	.316	2	.854
		studying(1)	.236	1	.627
		studying(2)	.072	1	.789
		q9	1.717	3	.633
		q9(1)	.272	1	.602
		q9(2)	1.167	1	.280
		q9(3)	.370	1	.543
		q10a	1.634	1	.201
		q10b	.714	1	.398
		q10c	2.624	1	.105
		q10d	2.879	1	.090
		q10e	1.092	1	.296
		q20a	.814	1	.367
		q20b	.039	1	.844
		q20c	13.983	1	.000
		q20d	1.208	1	.272
		q20e	11.576	1	.001
		q20f	5.095	1	.024
		q20h	1.900	1	.168
		q20i	.032	1	.857
		q22a	1.216	1	.270
		q22b	.627	1	.428
		q22c	.600	1	.438
		q22d	.085	1	.771
		q22e	6.728	1	.009
		q22f	.767	1	.381
		q23a	3.010	1	.083
		q23b	.565	1	.452
		q23c	1.620	1	.203
		q23d	2.584	1	.108
		q23e	2.182	1	.140

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	2.029	1	.154
		FAC2_1	.004	1	.950
		FAC3_1	.309	1	.579
		FAC4_1	1.290	1	.256
		FAC1_2	5.185	1	.023
		FAC2_2	.015	1	.903
		FAC3_2	.755	1	.385
		FAC4_2	3.845	1	.050
		FAC5_2	.002	1	.963
		FAC6_2	.292	1	.589
	Overall Statistics		71.399	55	.068

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	14.397	1	.000
	Block	14.397	1	.000
	Model	14.397	1	.000
Step 2	Step	21.857	9	.009
	Block	36.255	10	.000
	Model	36.255	10	.000
Step 3	Step	4.994	1	.025
	Block	41.249	11	.000
	Model	41.249	11	.000
Step 4	Step	5.283	1	.022
	Block	46.532	12	.000
	Model	46.532	12	.000
Step 5	Step	4.632	1	.031
	Block	51.164	13	.000
	Model	51.164	13	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	271.168[a]	.067	.090
2	249.310[a]	.161	.215
3	244.316[a]	.181	.241
4	239.033[b]	.201	.269
5	234.401[b]	.219	.293

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

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

Classification Table [a]

	Observed		Predicted q17c Percentage		
			Do Not Use	Use	Correct
Step 1	q17c	Do Not Use	85	27	75.9
		Use	50	45	47.4
	Overall Percentage				62.8
Step 2	q17c	Do Not Use	80	32	71.4
		Use	35	60	63.2
	Overall Percentage				67.6
Step 3	q17c	Do Not Use	82	30	73.2
		Use	38	57	60.0
	Overall Percentage				67.1
Step 4	q17c	Do Not Use	84	28	75.0
		Use	34	61	64.2
	Overall Percentage				70.0
Step 5	q17c	Do Not Use	81	31	72.3
		Use	37	58	61.1
	Overall Percentage				67.1

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q20c	.294	.081	13.310	1	.000	1.342
	Constant	-1.490	.396	14.148	1	.000	.225
Step 2[b]	major					18.924	9 .026
	major(1)	-.403	.563	.511	1	.475	.669
	major(2)	.645	.686	.885	1	.347	1.906
	major(3)	-.096	.693	.019	1	.890	.909
	major(4)	1.079	.681	2.514	1	.113	2.943
	major(5)	.335	1.062	.099	1	.753	1.397
	major(6)	1.779	.734	5.878	1	.015	5.921
	major(7)	.364	.793	.211	1	.646	1.439
	major(8)	1.479	.845	3.060	1	.080	4.387
	major(9)	.389	.803	.234	1	.628	1.475
	q20c	.403	.098	16.952	1	.000	1.497
	Constant	-2.378	.751	10.027	1	.002	.093
Step 3[c]	major					18.483	9 .030
	major(1)	-.306	.569	.288	1	.591	.737
	major(2)	.710	.696	1.041	1	.308	2.033
	major(3)	.018	.697	.001	1	.979	1.019
	major(4)	.972	.685	2.013	1	.156	2.643
	major(5)	.597	1.092	.299	1	.585	1.816
	major(6)	2.017	.750	7.230	1	.007	7.518
	major(7)	.582	.813	.513	1	.474	1.790
	major(8)	1.494	.855	3.051	1	.081	4.454
	major(9)	.615	.821	.562	1	.454	1.850
	q20c	.388	.099	15.292	1	.000	1.474
	q22e	.242	.111	4.789	1	.029	1.274
	Constant	-3.648	.967	14.213	1	.000	.026

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 4[d]	major			20.502	9	.015	
	major(1)	-.375	.578	.420	1	.517	.688
	major(2)	.730	.705	1.073	1	.300	2.075
	major(3)	.041	.704	.003	1	.954	1.041
	major(4)	1.106	.698	2.509	1	.113	3.021
	major(5)	.700	1.087	.415	1	.520	2.014
	major(6)	2.169	.773	7.864	1	.005	8.748
	major(7)	.647	.823	.617	1	.432	1.909
	major(8)	1.741	.871	3.999	1	.046	5.704
	major(9)	.655	.825	.631	1	.427	1.925
	q20c	.374	.101	13.762	1	.000	1.453
	q22e	.267	.112	5.671	1	.017	1.306
	FAC4_2	.372	.166	4.990	1	.025	1.450
	Constant	-3.738	.981	14.516	1	.000	.024
Step 5[e]	major			22.645	9	.007	
	major(1)	-.553	.591	.874	1	.350	.575
	major(2)	.712	.712	.999	1	.318	2.038
	major(3)	-.079	.711	.012	1	.912	.924
	major(4)	1.185	.710	2.786	1	.095	3.270
	major(5)	1.200	1.133	1.123	1	.289	3.320
	major(6)	2.419	.817	8.754	1	.003	11.231
	major(7)	.641	.833	.592	1	.442	1.899
	major(8)	2.054	.910	5.092	1	.024	7.796
	major(9)	.567	.833	.463	1	.496	1.763
	q10a	.309	.147	4.427	1	.035	1.362
	q20c	.356	.102	12.150	1	.000	1.428
	q22e	.271	.113	5.723	1	.017	1.311
	FAC4_2	.431	.173	6.247	1	.012	1.539
	Constant	-5.492	1.336	16.905	1	.000	.004

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q20c	1.146	1.572
	Constant		
Step 2[b]	major		
	major(1)	.222	2.017
	major(2)	.497	7.308
	major(3)	.234	3.532
	major(4)	.775	11.175
	major(5)	.174	11.198
	major(6)	1.406	24.937
	major(7)	.304	6.801
	major(8)	.837	22.993
	major(9)	.306	7.111
	q20c	1.235	1.814
	Constant		
Step 3[c]	major		
	major(1)	.241	2.248
	major(2)	.520	7.947
	major(3)	.260	3.991
	major(4)	.690	10.122
	major(5)	.214	15.434
	major(6)	1.728	32.708
	major(7)	.364	8.800
	major(8)	.833	23.811
	major(9)	.370	9.237
	q20c	1.214	1.790
	q22e	1.026	1.583
	Constant		

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 4[d]	major		
	major(1)	.221	2.135
	major(2)	.521	8.260
	major(3)	.262	4.140
	major(4)	.769	11.866
	major(5)	.239	16.948
	major(6)	1.921	39.833
	major(7)	.380	9.588
	major(8)	1.035	31.431
	major(9)	.382	9.692
	q20c	1.193	1.771
	q22e	1.048	1.628
	FAC4_2	1.047	2.010
	Constant		
Step 5[e]	major		
	major(1)	.181	1.833
	major(2)	.504	8.233
	major(3)	.230	3.720
	major(4)	.814	13.139
	major(5)	.361	30.560
	major(6)	2.263	55.752
	major(7)	.371	9.724
	major(8)	1.310	46.396
	major(9)	.344	9.027
	q10a	1.021	1.816
	q20c	1.169	1.745
	q22e	1.050	1.638
	FAC4_2	1.098	2.159
	Constant		

a. Variable(s) entered on step 1: q20c.

b. Variable(s) entered on step 2: major.

c. Variable(s) entered on step 3: q22e.

d. Variable(s) entered on step 4: FAC4_2.

e. Variable(s) entered on step 5: q10a.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q20c	-142.783	14.397	1	.000
Step 2	major	-135.584	21.857	9	.009
	q20c	-134.287	19.263	1	.000
Step 3	major	-132.955	21.593	9	.010
	q20c	-130.748	17.180	1	.000
	q22e	-124.655	4.994	1	.025
Step 4	major	-131.818	24.603	9	.003
	q20c	-127.175	15.316	1	.000
	q22e	-122.488	5.942	1	.015
	FAC4_2	-122.158	5.283	1	.022
Step 5	major	-131.685	28.968	9	.001
	q10a	-119.517	4.632	1	.031
	q20c	-123.877	13.352	1	.000
	q22e	-120.197	5.994	1	.014
	FAC4_2	-120.527	6.654	1	.010

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	.017	1	.896
		age	.531	2	.767
		age(1)	.215	1	.643
		age(2)	.339	1	.560
		nation(1)	.080	1	.777
		thesis(1)	2.454	1	.117
		enrol(1)	2.596	1	.107
		english	.891	1	.345
		major	20.761	9	.014
		major(1)	9.017	1	.003
		major(2)	.349	1	.555
		major(3)	1.463	1	.226
		major(4)	2.390	1	.122
		major(5)	.013	1	.909
		major(6)	8.764	1	.003
		major(7)	.029	1	.865
		major(8)	2.430	1	.119

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	major(9)	.000	1	.997
		studying	.764	2	.683
		studying(1)	.758	1	.384
		studying(2)	.003	1	.960
		q9	.628	3	.890
		q9(1)	.118	1	.731
		q9(2)	.599	1	.439
		q9(3)	.023	1	.880
		q10a	.254	1	.614
		q10b	4.548	1	.033
		q10c	.114	1	.736
		q10d	.491	1	.483
		q10e	.021	1	.883
		q20a	.001	1	.969
		q20b	2.146	1	.143
		q20d	.161	1	.688
		q20e	4.375	1	.036
		q20f	1.546	1	.214
		q20h	1.668	1	.197
		q20i	.474	1	.491
		q22a	.901	1	.343
		q22b	.001	1	.980
		q22c	1.091	1	.296
		q22d	.018	1	.892
		q22e	5.187	1	.023
		q22f	1.134	1	.287
		q23a	3.521	1	.061
		q23b	.592	1	.442
		q23c	1.302	1	.254
		q23d	2.183	1	.140
		q23e	1.624	1	.202
		FAC1_1	.027	1	.870
		FAC2_1	.060	1	.806
		FAC3_1	1.371	1	.242
		FAC4_1	.505	1	.477
		FAC1_2	2.926	1	.087
		FAC2_2	.042	1	.838
		FAC3_2	.133	1	.715

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	FAC4_2	1.680	1	.195
		FAC5_2	.050	1	.824
		FAC6_2	.000	1	.990
	Overall Statistics		62.006	54	.212

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	1.250	1	.264
		age	.536	2	.765
		age(1)	.533	1	.465
		age(2)	.016	1	.900
		nation(1)	.207	1	.649
		thesis(1)	.022	1	.881
		enrol(1)	.101	1	.750
		english	3.419	1	.064
		studying	.733	2	.693
		studying(1)	.587	1	.443
		studying(2)	.146	1	.702
		q9	2.424	3	.489
		q9(1)	.196	1	.658
		q9(2)	1.319	1	.251
		q9(3)	.035	1	.852
		q10a	3.454	1	.063
		q10b	.074	1	.786
		q10c	.005	1	.945
		q10d	1.725	1	.189
		q10e	.115	1	.735
		q20a	.013	1	.909
		q20b	2.459	1	.117
		q20d	.097	1	.756
		q20e	.605	1	.437
		q20f	.587	1	.444
		q20h	.207	1	.649
		q20i	2.075	1	.150
		q22a	.312	1	.577
		q22b	1.393	1	.238
		q22c	.457	1	.499
		q22d	.368	1	.544
		q22e	4.946	1	.026
		q22f	.003	1	.959
		q23a	2.188	1	.139
		q23b	.004	1	.948
		q23c	1.341	1	.247
		q23d	2.150	1	.143
		q23e	1.454	1	.228

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	FAC1_1	.009	1	.923
		FAC2_1	.237	1	.627
		FAC3_1	.205	1	.651
		FAC4_1	.719	1	.397
		FAC1_2	.773	1	.379
		FAC2_2	.417	1	.519
		FAC3_2	.521	1	.471
		FAC4_2	4.245	1	.039
		FAC5_2	.033	1	.855
		FAC6_2	.688	1	.407
	Overall Statistics		46.192	45	.423

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.922	1	.337
		age	.305	2	.859
		age(1)	.302	1	.582
		age(2)	.011	1	.917
		nation(1)	.091	1	.763
		thesis(1)	.089	1	.766
		enrol(1)	.167	1	.683
		english	2.045	1	.153
		studying	.941	2	.625
		studying(1)	.939	1	.333
		studying(2)	.000	1	.983
		q9	3.108	3	.375
		q9(1)	.572	1	.449
		q9(2)	1.374	1	.241
		q9(3)	.005	1	.944
		q10a	3.240	1	.072
		q10b	.015	1	.901
		q10c	.006	1	.938
		q10d	1.771	1	.183
		q10e	.015	1	.902
		q20a	.059	1	.809
		q20b	2.781	1	.095
		q20d	.139	1	.709
		q20e	.625	1	.429
		q20f	.431	1	.512
		q20h	.190	1	.663
		q20i	1.854	1	.173
		q22a	1.359	1	.244
		q22b	1.706	1	.192
		q22c	.153	1	.696
		q22d	.369	1	.544
		q22f	.250	1	.617
		q23a	2.958	1	.085
		q23b	.001	1	.980
		q23c	1.399	1	.237
		q23d	2.086	1	.149
		q23e	1.693	1	.193
		FAC1_1	.000	1	.984

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	FAC2_1	.010	1	.922
		FAC3_1	.016	1	.900
		FAC4_1	.168	1	.682
		FAC1_2	.926	1	.336
		FAC2_2	.157	1	.692
		FAC3_2	1.105	1	.293
		FAC4_2	5.172	1	.023
		FAC5_2	.019	1	.892
		FAC6_2	1.969	1	.161
	Overall Statistics		42.464	44	.538

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	1.090	1	.296
		age	.094	2	.954
		age(1)	.094	1	.759
		age(2)	.002	1	.964
		nation(1)	.373	1	.541
		thesis(1)	.153	1	.696
		enrol(1)	.253	1	.615
		english	2.084	1	.149
		studying	1.292	2	.524
		studying(1)	1.291	1	.256
		studying(2)	.000	1	.984
		q9	3.678	3	.298
		q9(1)	.456	1	.500
		q9(2)	2.090	1	.148
		q9(3)	.006	1	.938
		q10a	4.584	1	.032
		q10b	.030	1	.862
		q10c	.029	1	.866
		q10d	2.503	1	.114
		q10e	.000	1	.997
		q20a	.000	1	.999
		q20b	1.461	1	.227
		q20d	.114	1	.736
		q20e	.307	1	.579
		q20f	.089	1	.766
		q20h	.483	1	.487
		q20i	2.034	1	.154
		q22a	.816	1	.366
		q22b	1.068	1	.301
		q22c	.071	1	.789
		q22d	.585	1	.444
		q22f	.098	1	.755
		q23a	2.691	1	.101
		q23b	.004	1	.951
		q23c	1.369	1	.242
		q23d	1.796	1	.180
		q23e	.974	1	.324
		FAC1_1	.003	1	.958

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	FAC2_1	.007	1	.931
		FAC3_1	.009	1	.925
		FAC4_1	.000	1	.987
		FAC1_2	.662	1	.416
		FAC2_2	.205	1	.651
		FAC3_2	1.192	1	.275
		FAC5_2	.000	1	.989
		FAC6_2	1.923	1	.166
	Overall Statistics		38.485	43	.667

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	gender(1)	1.585	1	.208
		age	.054	2	.973
		age(1)	.054	1	.817
		age(2)	.000	1	.994
		nation(1)	.498	1	.480
		thesis(1)	.035	1	.852
		enrol(1)	.101	1	.751
		english	.614	1	.433
		studying	2.069	2	.355
		studying(1)	2.021	1	.155
		studying(2)	.049	1	.824
		q9	4.703	3	.195
		q9(1)	.587	1	.443
		q9(2)	2.610	1	.106
		q9(3)	.002	1	.966
		q10b	.411	1	.521
		q10c	.434	1	.510
		q10d	.284	1	.594
		q10e	.670	1	.413
		q20a	.099	1	.753
		q20b	2.497	1	.114
		q20d	.079	1	.778
		q20e	.113	1	.736
		q20f	.000	1	.997
		q20h	.142	1	.706
		q20i	2.411	1	.120
		q22a	1.049	1	.306
		q22b	1.330	1	.249
		q22c	.015	1	.904
		q22d	.463	1	.496
		q22f	.070	1	.791
		q23a	2.122	1	.145
		q23b	.008	1	.929
		q23c	.985	1	.321
		q23d	1.479	1	.224
		q23e	.806	1	.369
		FAC1_1	.351	1	.554
		FAC2_1	.004	1	.947

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	FAC3_1	.002	1	.968
		FAC4_1	.000	1	.990
		FAC1_2	.329	1	.566
		FAC2_2	.134	1	.714
		FAC3_2	1.379	1	.240
		FAC5_2	.021	1	.885
		FAC6_2	3.669	1	.055
	Overall Statistics		34.680	42	.781

```
LOGISTIC REGRESSION VARIABLES   q17d
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	207	55.9
	Missing Cases	163	44.1
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	96	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	194	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	163	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	163	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	123	.000		
	no	84	1.000		
Full-time Enrollment		94	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

			Predicted		
			q17d		Percentage
	Observed		Do Not Use	Use	Correct
Step 0	q17d	Do Not Use	156	0	100.0
		Use	51	0	.0
	Overall Percentage				75.4

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	-1.118	.161	48.043	1	.000	.327

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.468	1	.494
		age	1.798	2	.407
		age(1)	.063	1	.802
		age(2)	1.675	1	.196
		nation(1)	3.642	1	.056
		thesis(1)	.010	1	.920
		enrol(1)	.141	1	.707
		english	2.622	1	.105
		major	8.084	9	.526
		major(1)	4.626	1	.031
		major(2)	.393	1	.531

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	.732	1	.392
		major(4)	.329	1	.566
		major(5)	.059	1	.808
		major(6)	.092	1	.762
		major(7)	.640	1	.424
		major(8)	1.824	1	.177
		major(9)	.261	1	.610
		studying	.733	2	.693
		studying(1)	.660	1	.416
		studying(2)	.059	1	.808
		q9	.277	3	.964
		q9(1)	.031	1	.861
		q9(2)	.028	1	.868
		q9(3)	.227	1	.633
		q10a	5.240	1	.022
		q10b	3.487	1	.062
		q10c	.292	1	.589
		q10d	6.044	1	.014
		q10e	.675	1	.411
		q20a	3.462	1	.063
		q20b	8.587	1	.003
		q20c	9.618	1	.002
		q20d	.018	1	.893
		q20e	.586	1	.444
		q20f	3.695	1	.055
		q20h	.059	1	.808
		q20i	.006	1	.939
		q22a	1.636	1	.201
		q22b	1.313	1	.252
		q22c	.272	1	.602
		q22d	.290	1	.590
		q22e	.402	1	.526
		q22f	.066	1	.797
		q23a	.800	1	.371
		q23b	.489	1	.484
		q23c	.155	1	.694
		q23d	.079	1	.779
		q23e	.451	1	.502

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	1.117	1	.291
		FAC2_1	3.524	1	.061
		FAC3_1	1.462	1	.227
		FAC4_1	3.366	1	.067
		FAC1_2	.527	1	.468
		FAC2_2	.036	1	.849
		FAC3_2	.018	1	.894
		FAC4_2	.092	1	.762
		FAC5_2	.437	1	.508
		FAC6_2	.420	1	.517
	Overall Statistics		64.765	55	.173

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	10.165	1	.001
	Block	10.165	1	.001
	Model	10.165	1	.001
Step 2	Step	5.729	1	.017
	Block	15.894	2	.000
	Model	15.894	2	.000
Step 3	Step	5.824	1	.016
	Block	21.717	3	.000
	Model	21.717	3	.000
Step 4	Step	6.425	1	.011
	Block	28.143	4	.000
	Model	28.143	4	.000
Step 5	Step	5.857	1	.016
	Block	34.000	5	.000
	Model	34.000	5	.000
Step 6	Step	7.296	1	.007
	Block	41.296	6	.000
	Model	41.296	6	.000
Step 7	Step	5.546	1	.019
	Block	46.842	7	.000
	Model	46.842	7	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	220.979[a]	.048	.071
2	215.250[a]	.074	.110
3	209.427[a]	.100	.148
4	203.001[a]	.127	.189
5	197.144[a]	.151	.225
6	189.848[b]	.181	.269
7	184.302[b]	.203	.301

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

b. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Classification Table [a]

	Observed		Predicted		
			q17d		Percentage Correct
			Do Not Use	Use	
Step 1	q17d	Do Not Use	156	0	100.0
		Use	51	0	.0
	Overall Percentage				75.4
Step 2	q17d	Do Not Use	150	6	96.2
		Use	50	1	2.0
	Overall Percentage				72.9
Step 3	q17d	Do Not Use	148	8	94.9
		Use	44	7	13.7
	Overall Percentage				74.9
Step 4	q17d	Do Not Use	149	7	95.5
		Use	40	11	21.6
	Overall Percentage				77.3
Step 5	q17d	Do Not Use	147	9	94.2
		Use	40	11	21.6
	Overall Percentage				76.3
Step 6	q17d	Do Not Use	145	11	92.9
		Use	36	15	29.4
	Overall Percentage				77.3
Step 7	q17d	Do Not Use	149	7	95.5
		Use	34	17	33.3
	Overall Percentage				80.2

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q20c	.294	.097	9.149	1	.002	1.341
	Constant	-2.500	.509	24.147	1	.000	.082
Step 2[b]	q20c	.405	.111	13.234	1	.000	1.500
	q20e	-.227	.096	5.549	1	.018	.797
	Constant	-2.008	.540	13.816	1	.000	.134
Step 3[c]	q20c	.450	.116	15.210	1	.000	1.569
	q20e	-.240	.098	5.990	1	.014	.787
	FAC4_1	.405	.168	5.800	1	.016	1.500
	Constant	-2.169	.556	15.241	1	.000	.114
Step 4[d]	nation (1)	-1.190	.511	5.422	1	.020	.304
	q20c	.491	.120	16.742	1	.000	1.634
	q20e	-.272	.102	7.068	1	.008	.762
	FAC4_1	.439	.174	6.363	1	.012	1.551
	Constant	-2.016	.561	12.917	1	.000	.133
Step 5[e]	nation (1)	-1.213	.514	5.561	1	.018	.297
	q20b	.365	.165	4.861	1	.027	1.440
	q20c	.412	.124	11.117	1	.001	1.510
	q20e	-.294	.103	8.147	1	.004	.745
	FAC4_1	.420	.176	5.663	1	.017	1.522
	Constant	-3.759	1.045	12.945	1	.000	.023
Step 6[f]	nation (1)	-1.255	.525	5.705	1	.017	.285
	q20b	.454	.177	6.597	1	.010	1.574
	q20c	.463	.130	12.619	1	.000	1.588
	q20e	-.329	.108	9.206	1	.002	.720
	FAC3_1	.558	.220	6.442	1	.011	1.747
	FAC4_1	.491	.183	7.239	1	.007	1.634
	Constant	-4.365	1.121	15.161	1	.000	.013

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 7[g]	nation (1)	-1.217	.519	5.499	1	.019	.296
	q20b	.519	.181	8.223	1	.004	1.680
	q20c	.408	.132	9.490	1	.002	1.503
	q20e	-.402	.115	12.167	1	.000	.669
	q20f	.241	.105	5.240	1	.022	1.272
	FAC3_1	.554	.229	5.827	1	.016	1.740
	FAC4_1	.560	.192	8.544	1	.003	1.751
	Constant	-5.241	1.208	18.812	1	.000	.005

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q20c	1.109	1.622
	Constant		
Step 2[b]	q20c	1.206	1.866
	q20e	.660	.963
	Constant		
Step 3[c]	q20c	1.251	1.968
	q20e	.649	.953
	FAC4_1	1.078	2.087
	Constant		
Step 4[d]	nation (1)	.112	.828
	q20c	1.292	2.068
	q20e	.624	.931
	FAC4_1	1.103	2.181
	Constant		
Step 5[e]	nation (1)	.108	.815
	q20b	1.041	1.991
	q20c	1.185	1.924
	q20e	.609	.912
	FAC4_1	1.077	2.151
	Constant		
Step 6[f]	nation (1)	.102	.798
	q20b	1.113	2.225
	q20c	1.230	2.050
	q20e	.582	.890
	FAC3_1	1.136	2.688
	FAC4_1	1.143	2.338
	Constant		

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 7[g]	nation (1)	.107	.819
	q20b	1.178	2.395
	q20c	1.160	1.948
	q20e	.534	.839
	q20f	1.035	1.564
	FAC3_1	1.110	2.728
	FAC4_1	1.203	2.548
	Constant		

a. Variable(s) entered on step 1: q20c.

b. Variable(s) entered on step 2: q20e.

c. Variable(s) entered on step 3: FAC4_1.

d. Variable(s) entered on step 4: nation.

e. Variable(s) entered on step 5: q20b.

f. Variable(s) entered on step 6: FAC3_1.

g. Variable(s) entered on step 7: q20f.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q20c	-115.572	10.165	1	.001
Step 2	q20c	-115.282	15.314	1	.000
	q20e	-110.489	5.729	1	.017
Step 3	q20c	-113.682	17.937	1	.000
	q20e	-107.829	6.232	1	.013
	FAC4_1	-107.625	5.824	1	.016
Step 4	nation	-104.713	6.425	1	.011
	q20c	-111.598	20.195	1	.000
	q20e	-105.227	7.453	1	.006
	FAC4_1	-104.714	6.427	1	.011
Step 5	nation	-101.866	6.588	1	.010
	q20b	-101.501	5.857	1	.016
	q20c	-104.980	12.815	1	.000
	q20e	-102.909	8.674	1	.003
	FAC4_1	-101.466	5.788	1	.016
Step 6	nation	-98.300	6.752	1	.009
	q20b	-99.066	8.283	1	.004
	q20c	-102.421	14.995	1	.000
	q20e	-99.919	9.991	1	.002
	FAC3_1	-98.572	7.296	1	.007
	FAC4_1	-98.639	7.429	1	.006
Step 7	nation	-95.377	6.452	1	.011
	q20b	-97.386	10.469	1	.001
	q20c	-97.599	10.895	1	.001
	q20e	-98.913	13.523	1	.000
	q20f	-94.924	5.546	1	.019
	FAC3_1	-95.422	6.541	1	.011
	FAC4_1	-96.553	8.804	1	.003

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	.114	1	.736
		age	1.632	2	.442
		age(1)	.658	1	.417
		age(2)	.911	1	.340

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	nation(1)	4.376	1	.036
		thesis(1)	.027	1	.870
		enrol(1)	.246	1	.620
		english	.559	1	.455
		major	3.760	9	.926
		major(1)	2.698	1	.100
		major(2)	.527	1	.468
		major(3)	.271	1	.602
		major(4)	.086	1	.769
		major(5)	.007	1	.935
		major(6)	.011	1	.916
		major(7)	.256	1	.613
		major(8)	.400	1	.527
		major(9)	.216	1	.642
		studying	1.144	2	.564
		studying(1)	1.140	1	.286
		studying(2)	.001	1	.974
		q9	.078	3	.994
		q9(1)	.000	1	.996
		q9(2)	.036	1	.850
		q9(3)	.021	1	.884
		q10a	3.217	1	.073
		q10b	1.163	1	.281
		q10c	.327	1	.567
		q10d	3.233	1	.072
		q10e	.014	1	.904
		q20a	1.517	1	.218
		q20b	4.492	1	.034
		q20d	.192	1	.661
		q20e	5.768	1	.016
		q20f	1.176	1	.278
		q20h	.014	1	.906
		q20i	.235	1	.628
		q22a	2.016	1	.156
		q22b	.295	1	.587
		q22c	.119	1	.730
		q22d	.445	1	.505
		q22e	.059	1	.809

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q22f	.120	1	.729
		q23a	.963	1	.326
		q23b	.489	1	.485
		q23c	.328	1	.567
		q23d	.024	1	.878
		q23e	.204	1	.652
		FAC1_1	.000	1	1.000
		FAC2_1	2.834	1	.092
		FAC3_1	2.959	1	.085
		FAC4_1	5.476	1	.019
		FAC1_2	.036	1	.848
		FAC2_2	.004	1	.950
		FAC3_2	.101	1	.750
		FAC4_2	.102	1	.750
		FAC5_2	.726	1	.394
		FAC6_2	1.402	1	.236
	Overall Statistics		60.760	54	.246

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.023	1	.879
		age	1.175	2	.556
		age(1)	.308	1	.579
		age(2)	.827	1	.363
		nation(1)	5.236	1	.022
		thesis(1)	.003	1	.953
		enrol(1)	.154	1	.695
		english	.843	1	.359
		major	2.329	9	.985
		major(1)	1.129	1	.288
		major(2)	.479	1	.489
		major(3)	.247	1	.619
		major(4)	.012	1	.913
		major(5)	.007	1	.936
		major(6)	.335	1	.562
		major(7)	.193	1	.661
		major(8)	.217	1	.642
		major(9)	.122	1	.727
		studying	.658	2	.720
		studying(1)	.656	1	.418
		studying(2)	.005	1	.943
		q9	.296	3	.961
		q9(1)	.086	1	.769
		q9(2)	.120	1	.729
		q9(3)	.006	1	.940
		q10a	3.096	1	.078
		q10b	1.052	1	.305
		q10c	.001	1	.975
		q10d	3.892	1	.049
		q10e	.414	1	.520
		q20a	2.862	1	.091
		q20b	5.498	1	.019
		q20d	.104	1	.747
		q20f	2.757	1	.097
		q20h	.482	1	.487
		q20i	.000	1	.992
		q22a	1.905	1	.168
		q22b	.335	1	.563

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22c	.134	1	.714
		q22d	.763	1	.382
		q22e	.030	1	.863
		q22f	.239	1	.625
		q23a	1.561	1	.211
		q23b	1.190	1	.275
		q23c	.044	1	.834
		q23d	.153	1	.696
		q23e	.445	1	.505
		FAC1_1	.130	1	.719
		FAC2_1	2.404	1	.121
		FAC3_1	3.460	1	.063
		FAC4_1	6.066	1	.014
		FAC1_2	.261	1	.610
		FAC2_2	.006	1	.938
		FAC3_2	.019	1	.891
		FAC4_2	.015	1	.903
		FAC5_2	.866	1	.352
		FAC6_2	1.710	1	.191
	Overall Statistics		56.772	53	.336

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.000	1	.986
		age	1.390	2	.499
		age(1)	.289	1	.591
		age(2)	1.063	1	.302
		nation(1)	5.764	1	.016
		thesis(1)	.004	1	.953
		enrol(1)	.236	1	.627
		english	2.205	1	.138
		major	2.659	9	.976
		major(1)	1.171	1	.279
		major(2)	.117	1	.732
		major(3)	.166	1	.683
		major(4)	.165	1	.685
		major(5)	.000	1	.987
		major(6)	.482	1	.488
		major(7)	.365	1	.546
		major(8)	.410	1	.522
		major(9)	.072	1	.788
		studying	.560	2	.756
		studying(1)	.555	1	.456
		studying(2)	.008	1	.927
		q9	.385	3	.943
		q9(1)	.182	1	.669
		q9(2)	.073	1	.787
		q9(3)	.000	1	.999
		q10a	3.364	1	.067
		q10b	1.481	1	.224
		q10c	.003	1	.956
		q10d	3.952	1	.047
		q10e	.290	1	.590
		q20a	3.271	1	.070
		q20b	5.142	1	.023
		q20d	.408	1	.523
		q20f	4.021	1	.045
		q20h	.241	1	.623
		q20i	.004	1	.947
		q22a	1.854	1	.173
		q22b	.577	1	.447

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	.144	1	.704
		q22d	.461	1	.497
		q22e	.515	1	.473
		q22f	.090	1	.764
		q23a	1.882	1	.170
		q23b	1.123	1	.289
		q23c	.000	1	.990
		q23d	.176	1	.675
		q23e	.878	1	.349
		FAC1_1	.201	1	.654
		FAC2_1	2.741	1	.098
		FAC3_1	4.368	1	.037
		FAC1_2	.715	1	.398
		FAC2_2	.228	1	.633
		FAC3_2	.113	1	.737
		FAC4_2	.090	1	.764
		FAC5_2	1.798	1	.180
		FAC6_2	1.558	1	.212
	Overall Statistics		51.571	52	.491

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	.154	1	.695
		age	1.523	2	.467
		age(1)	.383	1	.536
		age(2)	1.091	1	.296
		thesis(1)	.095	1	.758
		enrol(1)	.364	1	.546
		english	3.018	1	.082
		major	2.900	9	.968
		major(1)	1.445	1	.229
		major(2)	.094	1	.760
		major(3)	.016	1	.900
		major(4)	.190	1	.663
		major(5)	.001	1	.982
		major(6)	.171	1	.679
		major(7)	.538	1	.463
		major(8)	.655	1	.418
		major(9)	.104	1	.747
		studying	.573	2	.751
		studying(1)	.565	1	.452
		studying(2)	.005	1	.945
		q9	.310	3	.958
		q9(1)	.102	1	.749
		q9(2)	.008	1	.930
		q9(3)	.256	1	.613
		q10a	3.482	1	.062
		q10b	2.744	1	.098
		q10c	.011	1	.918
		q10d	3.533	1	.060
		q10e	.231	1	.631
		q20a	3.164	1	.075
		q20b	5.210	1	.022
		q20d	.403	1	.526
		q20f	4.203	1	.040
		q20h	.416	1	.519
		q20i	.002	1	.968
		q22a	2.165	1	.141
		q22b	.517	1	.472
		q22c	.114	1	.736

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q22d	.402	1	.526
		q22e	.821	1	.365
		q22f	.019	1	.890
		q23a	1.448	1	.229
		q23b	1.024	1	.312
		q23c	.082	1	.774
		q23d	.289	1	.591
		q23e	.763	1	.382
		FAC1_1	.056	1	.814
		FAC2_1	3.761	1	.052
		FAC3_1	4.552	1	.033
		FAC1_2	.296	1	.586
		FAC2_2	.433	1	.511
		FAC3_2	.473	1	.492
		FAC4_2	.006	1	.936
		FAC5_2	1.047	1	.306
		FAC6_2	1.130	1	.288
	Overall Statistics		45.674	51	.684

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	gender(1)	.045	1	.832
		age	1.115	2	.573
		age(1)	.227	1	.634
		age(2)	.860	1	.354
		thesis(1)	.051	1	.822
		enrol(1)	.180	1	.672
		english	1.834	1	.176
		major	2.724	9	.974
		major(1)	1.130	1	.288
		major(2)	.087	1	.768
		major(3)	.143	1	.706
		major(4)	.365	1	.546
		major(5)	.001	1	.982
		major(6)	.238	1	.625
		major(7)	.397	1	.529
		major(8)	.555	1	.456
		major(9)	.005	1	.941
		studying	.388	2	.824
		studying(1)	.286	1	.593
		studying(2)	.118	1	.731
		q9	.590	3	.899
		q9(1)	.007	1	.933
		q9(2)	.042	1	.838
		q9(3)	.577	1	.447
		q10a	2.523	1	.112
		q10b	1.930	1	.165
		q10c	.000	1	.994
		q10d	3.274	1	.070
		q10e	.107	1	.743
		q20a	.583	1	.445
		q20d	.531	1	.466
		q20f	6.116	1	.013
		q20h	.779	1	.378
		q20i	.145	1	.703
		q22a	1.110	1	.292
		q22b	1.068	1	.301
		q22c	.372	1	.542
		q22d	.501	1	.479

Variables not in the Equation

			Score	df	Sig.
Step 5	Variables	q22e	.368	1	.544
		q22f	.014	1	.907
		q23a	1.136	1	.287
		q23b	1.202	1	.273
		q23c	.073	1	.788
		q23d	.224	1	.636
		q23e	1.150	1	.284
		FAC1_1	.025	1	.874
		FAC2_1	3.737	1	.053
		FAC3_1	6.791	1	.009
		FAC1_2	.392	1	.531
		FAC2_2	.895	1	.344
		FAC3_2	1.055	1	.304
		FAC4_2	.116	1	.733
		FAC5_2	1.459	1	.227
		FAC6_2	1.671	1	.196
	Overall Statistics		42.690	50	.759

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	gender(1)	.366	1	.545
		age	2.097	2	.350
		age(1)	.679	1	.410
		age(2)	1.327	1	.249
		thesis(1)	.069	1	.792
		enrol(1)	.477	1	.490
		english	2.372	1	.124
		major	5.178	9	.819
		major(1)	2.736	1	.098
		major(2)	.102	1	.750
		major(3)	.005	1	.946
		major(4)	.942	1	.332
		major(5)	.010	1	.921
		major(6)	.122	1	.726
		major(7)	.999	1	.317
		major(8)	.506	1	.477
		major(9)	.081	1	.776
		studying	.559	2	.756
		studying(1)	.471	1	.493
		studying(2)	.110	1	.740
		q9	.178	3	.981
		q9(1)	.007	1	.932
		q9(2)	.020	1	.888
		q9(3)	.145	1	.704
		q10a	3.503	1	.061
		q10b	2.377	1	.123
		q10c	.020	1	.889
		q10d	4.631	1	.031
		q10e	.241	1	.624
		q20a	.637	1	.425
		q20d	.058	1	.810
		q20f	5.429	1	.020
		q20h	.063	1	.801
		q20i	.417	1	.519
		q22a	.965	1	.326
		q22b	1.159	1	.282
		q22c	.131	1	.717
		q22d	.926	1	.336

Variables not in the Equation

			Score	df	Sig.
Step 6	Variables	q22e	.128	1	.720
		q22f	.075	1	.784
		q23a	.783	1	.376
		q23b	.574	1	.449
		q23c	.190	1	.663
		q23d	.024	1	.878
		q23e	.666	1	.415
		FAC1_1	.098	1	.754
		FAC2_1	3.200	1	.074
		FAC1_2	.154	1	.695
		FAC2_2	.682	1	.409
		FAC3_2	.662	1	.416
		FAC4_2	.166	1	.683
		FAC5_2	.986	1	.321
		FAC6_2	.715	1	.398
	Overall Statistics		38.073	49	.871

Variables not in the Equation

			Score	df	Sig.
Step 7	Variables	gender(1)	.553	1	.457
		age	1.860	2	.395
		age(1)	.566	1	.452
		age(2)	1.204	1	.273
		thesis(1)	.311	1	.577
		enrol(1)	.635	1	.425
		english	1.862	1	.172
		major	5.269	9	.810
		major(1)	3.141	1	.076
		major(2)	.282	1	.595
		major(3)	.004	1	.949
		major(4)	1.141	1	.285
		major(5)	.007	1	.933
		major(6)	.183	1	.668
		major(7)	.959	1	.328
		major(8)	.268	1	.605
		major(9)	.035	1	.853
		studying	1.021	2	.600
		studying(1)	.811	1	.368
		studying(2)	.248	1	.618
		q9	.264	3	.967
		q9(1)	.121	1	.728
		q9(2)	.025	1	.875
		q9(3)	.083	1	.774
		q10a	2.535	1	.111
		q10b	1.440	1	.230
		q10c	.222	1	.637
		q10d	3.349	1	.067
		q10e	.037	1	.848
		q20a	.275	1	.600
		q20d	.000	1	1.000
		q20h	.000	1	.993
		q20i	.760	1	.383
		q22a	.857	1	.354
		q22b	.383	1	.536
		q22c	.014	1	.906
		q22d	1.445	1	.229
		q22e	.074	1	.785

Variables not in the Equation

			Score	df	Sig.
Step 7	Variables	q22f	.047	1	.827
		q23a	.659	1	.417
		q23b	.839	1	.360
		q23c	.247	1	.619
		q23d	.037	1	.848
		q23e	.538	1	.463
		FAC1_1	.046	1	.830
		FAC2_1	1.634	1	.201
		FAC1_2	.001	1	.970
		FAC2_2	.053	1	.819
		FAC3_2	1.039	1	.308
		FAC4_2	.034	1	.854
		FAC5_2	.942	1	.332
		FAC6_2	.622	1	.430
	Overall Statistics		34.220	48	.933

```
LOGISTIC REGRESSION VARIABLES   q17e
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	207	55.9
	Missing Cases	163	44.1
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	57	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	96	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	194	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	163	.000	.000	
	31 - 40	39	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	163	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	123	.000		
	no	84	1.000		
Full-time Enrollment		94	.000		
	Part - time	113	1.000		
gender	male	69	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q17e		Percentage Correct
			Do Not Use	Use	
Step 0	q17e	Do Not Use	132	0	100.0
		Use	75	0	.0
	Overall Percentage				63.8

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	-.565	.145	15.284	1	.000	.568

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	6.022	1	.014
		age	2.948	2	.229
		age(1)	.103	1	.748
		age(2)	2.911	1	.088
		nation(1)	.111	1	.739
		thesis(1)	2.561	1	.110
		enrol(1)	1.311	1	.252
		english	2.323	1	.127
		major	12.348	9	.194
		major(1)	.737	1	.391
		major(2)	.444	1	.505

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	1.153	1	.283
		major(4)	.001	1	.979
		major(5)	.584	1	.445
		major(6)	5.567	1	.018
		major(7)	1.039	1	.308
		major(8)	2.111	1	.146
		major(9)	.428	1	.513
		studying	3.509	2	.173
		studying(1)	.683	1	.409
		studying(2)	2.911	1	.088
		q9	.589	3	.899
		q9(1)	.495	1	.482
		q9(2)	.009	1	.926
		q9(3)	.196	1	.658
		q10a	3.338	1	.068
		q10b	1.683	1	.195
		q10c	3.730	1	.053
		q10d	3.029	1	.082
		q10e	4.628	1	.031
		q20a	.522	1	.470
		q20b	1.259	1	.262
		q20c	7.398	1	.007
		q20d	7.653	1	.006
		q20e	10.326	1	.001
		q20f	41.267	1	.000
		q20h	4.842	1	.028
		q20i	3.664	1	.056
		q22a	.000	1	.985
		q22b	1.070	1	.301
		q22c	2.678	1	.102
		q22d	.549	1	.459
		q22e	.190	1	.663
		q22f	1.006	1	.316
		q23a	1.322	1	.250
		q23b	.304	1	.581
		q23c	.157	1	.692
		q23d	.928	1	.335
		q23e	.571	1	.450

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.346	1	.557
		FAC2_1	1.351	1	.245
		FAC3_1	1.009	1	.315
		FAC4_1	1.185	1	.276
		FAC1_2	4.212	1	.040
		FAC2_2	.273	1	.601
		FAC3_2	.975	1	.323
		FAC4_2	8.156	1	.004
		FAC5_2	.566	1	.452
		FAC6_2	1.041	1	.308
	Overall Statistics		76.843	55	.027

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	45.510	1	.000
	Block	45.510	1	.000
	Model	45.510	1	.000
Step 2	Step	4.495	1	.034
	Block	50.005	2	.000
	Model	50.005	2	.000
Step 3	Step	4.356	1	.037
	Block	54.361	3	.000
	Model	54.361	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	225.553[a]	.197	.270
2	221.058[a]	.215	.294
3	216.701[a]	.231	.316

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

Classification Table [a]

	Observed		Predicted		
			q17e Percentage		
			Do Not Use	Use	Correct
Step 1	q17e	Do Not Use	108	24	81.8
		Use	30	45	60.0
	Overall Percentage				73.9
Step 2	q17e	Do Not Use	109	23	82.6
		Use	31	44	58.7
	Overall Percentage				73.9
Step 3	q17e	Do Not Use	110	22	83.3
		Use	30	45	60.0
	Overall Percentage				74.9

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q20f	.558	.095	34.691	1	.000	1.746
	Constant	-3.094	.485	40.606	1	.000	.045
Step 2[b]	q20f	.549	.097	32.211	1	.000	1.732
	FAC4_2	.367	.177	4.282	1	.039	1.443
	Constant	-3.081	.499	38.182	1	.000	.046
Step 3[c]	gender (1)	.757	.370	4.196	1	.041	2.132
	q20f	.544	.098	30.721	1	.000	1.722
	FAC4_2	.388	.179	4.709	1	.030	1.474
	Constant	-3.586	.579	38.366	1	.000	.028

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q20f	1.451	2.102
	Constant		
Step 2[b]	q20f	1.433	2.093
	FAC4_2	1.020	2.042
	Constant		
Step 3[c]	gender (1)	1.033	4.399
	q20f	1.421	2.087
	FAC4_2	1.038	2.093
	Constant		

a. Variable(s) entered on step 1: q20f.

b. Variable(s) entered on step 2: FAC4_2.

c. Variable(s) entered on step 3: gender.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q20f	-135.531	45.510	1	.000
Step 2	q20f	-131.242	41.427	1	.000
	FAC4_2	-112.776	4.495	1	.034
Step 3	gender	-110.529	4.356	1	.037
	q20f	-127.956	39.211	1	.000
	FAC4_2	-110.819	4.936	1	.026

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	3.853	1	.050
		age	2.809	2	.245
		age(1)	.514	1	.474
		age(2)	2.174	1	.140
		nation(1)	.466	1	.495
		thesis(1)	.034	1	.854
		enrol(1)	.297	1	.585

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	english	.016	1	.898
		major	6.121	9	.728
		major(1)	.003	1	.956
		major(2)	.047	1	.828
		major(3)	.398	1	.528
		major(4)	.018	1	.894
		major(5)	.460	1	.498
		major(6)	4.036	1	.045
		major(7)	.441	1	.507
		major(8)	.912	1	.340
		major(9)	.316	1	.574
		studying	3.121	2	.210
		studying(1)	.138	1	.710
		studying(2)	2.945	1	.086
		q9	.215	3	.975
		q9(1)	.016	1	.899
		q9(2)	.005	1	.946
		q9(3)	.137	1	.712
		q10a	1.241	1	.265
		q10b	.072	1	.789
		q10c	.044	1	.834
		q10d	.322	1	.571
		q10e	1.226	1	.268
		q20a	.000	1	.983
		q20b	1.310	1	.252
		q20c	.791	1	.374
		q20d	1.341	1	.247
		q20e	1.613	1	.204
		q20h	.655	1	.418
		q20i	.571	1	.450
		q22a	.018	1	.893
		q22b	.512	1	.474
		q22c	.510	1	.475
		q22d	.204	1	.652
		q22e	.001	1	.981
		q22f	1.912	1	.167
		q23a	.072	1	.788
		q23b	1.717	1	.190

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q23c	1.595	1	.207
		q23d	.165	1	.685
		q23e	.280	1	.597
		FAC1_1	.141	1	.708
		FAC2_1	.084	1	.772
		FAC3_1	.220	1	.639
		FAC4_1	.134	1	.714
		FAC1_2	.384	1	.535
		FAC2_2	2.469	1	.116
		FAC3_2	.172	1	.679
		FAC4_2	4.408	1	.036
		FAC5_2	.392	1	.531
		FAC6_2	1.079	1	.299
	Overall Statistics		43.457	54	.847

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	4.282	1	.039
		age	2.963	2	.227
		age(1)	.863	1	.353
		age(2)	1.956	1	.162
		nation(1)	.163	1	.687
		thesis(1)	.058	1	.810
		enrol(1)	.627	1	.428
		english	.002	1	.962
		major	6.196	9	.720
		major(1)	.237	1	.627
		major(2)	.032	1	.858
		major(3)	.361	1	.548
		major(4)	.142	1	.706
		major(5)	.444	1	.505
		major(6)	4.277	1	.039
		major(7)	.441	1	.507
		major(8)	.501	1	.479
		major(9)	.359	1	.549
		studying	3.170	2	.205
		studying(1)	.210	1	.647
		studying(2)	2.917	1	.088
		q9	.436	3	.933
		q9(1)	.058	1	.809
		q9(2)	.020	1	.887
		q9(3)	.301	1	.583
		q10a	1.111	1	.292
		q10b	.002	1	.962
		q10c	.005	1	.945
		q10d	.256	1	.613
		q10e	.645	1	.422
		q20a	.021	1	.886
		q20b	1.640	1	.200
		q20c	.326	1	.568
		q20d	1.061	1	.303
		q20e	1.136	1	.286
		q20h	1.330	1	.249
		q20i	.772	1	.380
		q22a	.066	1	.797

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22b	1.544	1	.214
		q22c	.425	1	.514
		q22d	.329	1	.566
		q22e	.042	1	.838
		q22f	3.078	1	.079
		q23a	.022	1	.882
		q23b	1.672	1	.196
		q23c	1.504	1	.220
		q23d	.441	1	.507
		q23e	.849	1	.357
		FAC1_1	.245	1	.620
		FAC2_1	.260	1	.610
		FAC3_1	.345	1	.557
		FAC4_1	.019	1	.891
		FAC1_2	.165	1	.685
		FAC2_2	2.809	1	.094
		FAC3_2	.353	1	.552
		FAC5_2	.419	1	.518
		FAC6_2	1.214	1	.271
	Overall Statistics		41.600	53	.871

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	age	2.128	2	.345
		age(1)	.594	1	.441
		age(2)	1.405	1	.236
		nation(1)	.001	1	.972
		thesis(1)	.000	1	.988
		enrol(1)	.140	1	.708
		english	.014	1	.907
		major	4.958	9	.838
		major(1)	.091	1	.763
		major(2)	.003	1	.959
		major(3)	.015	1	.903
		major(4)	.038	1	.846
		major(5)	.241	1	.623
		major(6)	3.205	1	.073
		major(7)	1.003	1	.317
		major(8)	.544	1	.461
		major(9)	.242	1	.623
		studying	2.331	2	.312
		studying(1)	.138	1	.710
		studying(2)	2.150	1	.143
		q9	.559	3	.906
		q9(1)	.005	1	.942
		q9(2)	.067	1	.796
		q9(3)	.496	1	.481
		q10a	.870	1	.351
		q10b	.147	1	.701
		q10c	.038	1	.846
		q10d	.054	1	.817
		q10e	1.029	1	.310
		q20a	.006	1	.941
		q20b	1.878	1	.171
		q20c	.117	1	.732
		q20d	1.780	1	.182
		q20e	1.279	1	.258
		q20h	.734	1	.392
		q20i	.680	1	.409
		q22a	.361	1	.548
		q22b	.594	1	.441

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	1.296	1	.255
		q22d	.205	1	.650
		q22e	.037	1	.847
		q22f	1.874	1	.171
		q23a	.222	1	.638
		q23b	1.471	1	.225
		q23c	1.384	1	.239
		q23d	.297	1	.586
		q23e	.485	1	.486
		FAC1_1	.422	1	.516
		FAC2_1	.012	1	.913
		FAC3_1	.203	1	.652
		FAC4_1	.040	1	.841
		FAC1_2	.027	1	.869
		FAC2_2	1.286	1	.257
		FAC3_2	.031	1	.861
		FAC5_2	.254	1	.615
		FAC6_2	1.109	1	.292
	Overall Statistics		38.233	52	.923

```
LOGISTIC REGRESSION VARIABLES   q18
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
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Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	206	55.7
	Missing Cases	164	44.3
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Print versions of databases	0
Electronic versions of databases	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	56	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	23	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	96	.000	.000	.000
	2nd year	66	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	193	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	5	.000	1.000	
age	20 -30	163	.000	.000	
	31 - 40	38	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	162	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	123	.000		
	no	83	1.000		
Full-time Enrollment		94	.000		
	Part - time	112	1.000		
gender	male	68	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

Observed			Predicted q18		
			Print versions of databases	Electronic versions of databases	Percentage Correct
Step 0	q18	Print versions of databases	0	62	.0
		Electronic versions of databases	0	144	100.0
	Overall Percentage				69.9

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	.843	.152	30.776	1	.000	2.323

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	2.081	1	.149
		age	2.894	2	.235
		age(1)	.911	1	.340
		age(2)	2.178	1	.140
		nation(1)	5.353	1	.021
		thesis(1)	3.430	1	.064
		enrol(1)	1.007	1	.316

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	english	3.479	1	.062
		major	11.696	9	.231
		major(1)	.950	1	.330
		major(2)	4.704	1	.030
		major(3)	.198	1	.656
		major(4)	2.614	1	.106
		major(5)	2.178	1	.140
		major(6)	.460	1	.498
		major(7)	.325	1	.569
		major(8)	.811	1	.368
		major(9)	.044	1	.834
		studying	6.124	2	.047
		studying(1)	.103	1	.749
		studying(2)	6.066	1	.014
		q9	3.721	3	.293
		q9(1)	1.582	1	.208
		q9(2)	.916	1	.339
		q9(3)	.004	1	.949
		q10a	4.561	1	.033
		q10b	1.618	1	.203
		q10c	.039	1	.844
		q10d	.371	1	.543
		q10e	2.096	1	.148
		q20a	1.556	1	.212
		q20b	5.963	1	.015
		q20c	3.752	1	.053
		q20d	.094	1	.759
		q20e	.813	1	.367
		q20f	2.577	1	.108
		q20h	6.409	1	.011
		q20i	1.267	1	.260
		q22a	.019	1	.890
		q22b	.149	1	.700
		q22c	.232	1	.630
		q22d	.548	1	.459
		q22e	1.160	1	.282
		q22f	.285	1	.594
		q23a	.270	1	.603

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	q23b	.111	1	.739
		q23c	.133	1	.715
		q23d	.049	1	.825
		q23e	.359	1	.549
		FAC1_1	.682	1	.409
		FAC2_1	.216	1	.642
		FAC3_1	11.263	1	.001
		FAC4_1	.328	1	.567
		FAC1_2	.017	1	.898
		FAC2_2	.111	1	.739
		FAC3_2	.099	1	.753
		FAC4_2	1.358	1	.244
		FAC5_2	.066	1	.797
		FAC6_2	5.200	1	.023
	Overall Statistics		63.408	55	.204

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.234	1	.000
	Block	12.234	1	.000
	Model	12.234	1	.000
Step 2	Step	5.255	1	.022
	Block	17.490	2	.000
	Model	17.490	2	.000
Step 3	Step	4.066	1	.044
	Block	21.556	3	.000
	Model	21.556	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	239.780[a]	.058	.082
2	234.524[a]	.081	.115
3	230.458[a]	.099	.141

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

Classification Table [a]

Observed			Predicted q18		
			Print versions of databases	Electronic versions of databases	Percentage Correct
Step 1	q18	Print versions of databases	3	59	4.8
		Electronic versions of databases	6	138	95.8
	Overall Percentage				68.4
Step 2	q18	Print versions of databases	3	59	4.8
		Electronic versions of databases	8	136	94.4
	Overall Percentage				67.5
Step 3	q18	Print versions of databases	10	52	16.1
		Electronic versions of databases	11	133	92.4
	Overall Percentage				69.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	FAC3_1	-.615	.188	10.668	1	.001	.541
	Constant	.860	.158	29.487	1	.000	2.362
Step 2[b]	nation (1)	.971	.453	4.602	1	.032	2.641
	FAC3_1	-.599	.188	10.161	1	.001	.550
	Constant	.685	.173	15.739	1	.000	1.984
Step 3[c]	nation (1)	1.012	.456	4.915	1	.027	2.751
	q20h	-.211	.108	3.824	1	.051	.810
	FAC3_1	-.517	.190	7.397	1	.007	.596
	Constant	1.785	.600	8.844	1	.003	5.961

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	FAC3_1	.374	.782
	Constant		
Step 2[b]	nation (1)	1.088	6.414
	FAC3_1	.380	.794
	Constant		
Step 3[c]	nation (1)	1.124	6.730
	q20h	.656	1.000
	FAC3_1	.411	.865
	Constant		

a. Variable(s) entered on step 1: FAC3_1.

b. Variable(s) entered on step 2: nation.

c. Variable(s) entered on step 3: q20h.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	FAC3_1	-126.007	12.234	1	.000
Step 2	nation	-119.890	5.255	1	.022
	FAC3_1	-123.074	11.623	1	.001
Step 3	nation	-118.042	5.625	1	.018
	q20h	-117.262	4.066	1	.044
	FAC3_1	-119.337	8.216	1	.004

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	1.110	1	.292
		age	2.092	2	.351
		age(1)	1.560	1	.212
		age(2)	.715	1	.398
		nation(1)	4.843	1	.028
		thesis(1)	1.539	1	.215
		enrol(1)	1.878	1	.171
		english	2.047	1	.153
		major	10.102	9	.342
		major(1)	.136	1	.712
		major(2)	4.774	1	.029
		major(3)	.001	1	.976
		major(4)	1.852	1	.174
		major(5)	1.709	1	.191
		major(6)	.178	1	.673
		major(7)	1.137	1	.286
		major(8)	.312	1	.577
		major(9)	.175	1	.676
		studying	5.348	2	.069
		studying(1)	.574	1	.449
		studying(2)	4.904	1	.027
		q9	3.317	3	.345
		q9(1)	1.101	1	.294
		q9(2)	.723	1	.395
		q9(3)	.214	1	.643
		q10a	2.664	1	.103

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q10b	.548	1	.459
		q10c	.035	1	.851
		q10d	.015	1	.901
		q10e	1.041	1	.308
		q20a	.607	1	.436
		q20b	3.034	1	.082
		q20c	2.217	1	.136
		q20d	.116	1	.734
		q20e	.957	1	.328
		q20f	1.777	1	.183
		q20h	3.571	1	.059
		q20i	.002	1	.965
		q22a	.002	1	.962
		q22b	.128	1	.720
		q22c	.064	1	.800
		q22d	.451	1	.502
		q22e	.473	1	.492
		q22f	.584	1	.445
		q23a	.568	1	.451
		q23b	.741	1	.389
		q23c	.350	1	.554
		q23d	.425	1	.515
		q23e	1.370	1	.242
		FAC1_1	.842	1	.359
		FAC2_1	.440	1	.507
		FAC4_1	.775	1	.379
		FAC1_2	.043	1	.835
		FAC2_2	.012	1	.912
		FAC3_2	.010	1	.922
		FAC4_2	1.620	1	.203
		FAC5_2	.030	1	.862
		FAC6_2	2.866	1	.090
	Overall Statistics		53.624	54	.489

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.374	1	.541
		age	2.192	2	.334
		age(1)	1.649	1	.199
		age(2)	.731	1	.392
		thesis(1)	.971	1	.324
		enrol(1)	2.297	1	.130
		english	1.272	1	.259
		major	9.846	9	.363
		major(1)	.053	1	.819
		major(2)	4.423	1	.035
		major(3)	.175	1	.675
		major(4)	1.677	1	.195
		major(5)	1.755	1	.185
		major(6)	.014	1	.907
		major(7)	1.579	1	.209
		major(8)	.190	1	.663
		major(9)	.229	1	.632
		studying	4.284	2	.117
		studying(1)	.416	1	.519
		studying(2)	3.961	1	.047
		q9	2.260	3	.520
		q9(1)	.958	1	.328
		q9(2)	.531	1	.466
		q9(3)	.017	1	.897
		q10a	2.435	1	.119
		q10b	.096	1	.756
		q10c	.006	1	.938
		q10d	.071	1	.791
		q10e	1.076	1	.300
		q20a	.650	1	.420
		q20b	2.686	1	.101
		q20c	1.819	1	.177
		q20d	.079	1	.778
		q20e	.970	1	.325
		q20f	2.106	1	.147
		q20h	3.925	1	.048
		q20i	.000	1	.995
		q22a	.035	1	.851

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22b	.288	1	.592
		q22c	.131	1	.717
		q22d	.525	1	.469
		q22e	.718	1	.397
		q22f	.277	1	.599
		q23a	.875	1	.350
		q23b	.864	1	.353
		q23c	.487	1	.485
		q23d	.264	1	.607
		q23e	1.403	1	.236
		FAC1_1	1.084	1	.298
		FAC2_1	.128	1	.721
		FAC4_1	.840	1	.359
		FAC1_2	.184	1	.668
		FAC2_2	.114	1	.735
		FAC3_2	.217	1	.642
		FAC4_2	2.221	1	.136
		FAC5_2	.233	1	.629
		FAC6_2	2.268	1	.132
	Overall Statistics		49.938	53	.594

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.146	1	.703
		age	2.825	2	.244
		age(1)	2.335	1	.127
		age(2)	.718	1	.397
		thesis(1)	.429	1	.512
		enrol(1)	2.275	1	.131
		english	1.571	1	.210
		major	10.109	9	.342
		major(1)	.034	1	.853
		major(2)	4.150	1	.042
		major(3)	.639	1	.424
		major(4)	1.121	1	.290
		major(5)	2.008	1	.156
		major(6)	.025	1	.875
		major(7)	1.590	1	.207
		major(8)	.074	1	.785
		major(9)	.617	1	.432
		studying	4.763	2	.092
		studying(1)	.442	1	.506
		studying(2)	4.421	1	.035
		q9	2.165	3	.539
		q9(1)	1.219	1	.270
		q9(2)	.373	1	.541
		q9(3)	.006	1	.938
		q10a	3.459	1	.063
		q10b	.174	1	.676
		q10c	.048	1	.826
		q10d	.190	1	.663
		q10e	1.883	1	.170
		q20a	1.138	1	.286
		q20b	2.536	1	.111
		q20c	2.203	1	.138
		q20d	.540	1	.462
		q20e	1.993	1	.158
		q20f	1.297	1	.255
		q20i	.683	1	.409
		q22a	.001	1	.973
		q22b	.517	1	.472

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	.149	1	.700
		q22d	.484	1	.487
		q22e	.664	1	.415
		q22f	.335	1	.563
		q23a	1.659	1	.198
		q23b	1.829	1	.176
		q23c	.697	1	.404
		q23d	.649	1	.420
		q23e	2.566	1	.109
		FAC1_1	1.774	1	.183
		FAC2_1	.019	1	.890
		FAC4_1	.545	1	.460
		FAC1_2	.728	1	.394
		FAC2_2	.222	1	.638
		FAC3_2	.321	1	.571
		FAC4_2	1.706	1	.192
		FAC5_2	.051	1	.821
		FAC6_2	2.083	1	.149
	Overall Statistics		46.623	52	.685

```
LOGISTIC REGRESSION VARIABLES   q19a
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
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Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	204	55.1
	Missing Cases	166	44.9
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	56	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	21	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	93	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	192	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	4	.000	1.000	
age	20 -30	161	.000	.000	
	31 - 40	38	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	160	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	121	.000		
	no	83	1.000		
Full-time Enrollment		94	.000		
	Part - time	110	1.000		
gender	male	66	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

			Predicted		
			q19a		Percentage
	Observed		Do Not Use	Use	Correct
Step 0	q19a	Do Not Use	0	49	.0
		Use	0	155	100.0
	Overall Percentage				76.0

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	1.152	.164	49.375	1	.000	3.163

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.421	1	.516
		age	.905	2	.636
		age(1)	.135	1	.713
		age(2)	.717	1	.397
		nation(1)	2.022	1	.155
		thesis(1)	2.712	1	.100
		enrol(1)	.218	1	.640
		english	.104	1	.747
		major	11.882	9	.220
		major(1)	.810	1	.368
		major(2)	.317	1	.573

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	2.695	1	.101
		major(4)	.994	1	.319
		major(5)	.717	1	.397
		major(6)	2.059	1	.151
		major(7)	.007	1	.934
		major(8)	4.716	1	.030
		major(9)	.217	1	.641
		studying	3.089	2	.213
		studying(1)	3.080	1	.079
		studying(2)	.002	1	.963
		q9	1.270	3	.736
		q9(1)	1.165	1	.280
		q9(2)	.062	1	.803
		q9(3)	.295	1	.587
		q10a	7.353	1	.007
		q10b	1.191	1	.275
		q10c	.088	1	.767
		q10d	10.369	1	.001
		q10e	4.757	1	.029
		q20a	3.110	1	.078
		q20b	7.165	1	.007
		q20c	3.714	1	.054
		q20d	.024	1	.876
		q20e	.034	1	.854
		q20f	.610	1	.435
		q20h	.013	1	.909
		q20i	.382	1	.537
		q22a	.071	1	.790
		q22b	.509	1	.476
		q22c	.018	1	.892
		q22d	.170	1	.680
		q22e	.013	1	.910
		q22f	.037	1	.847
		q23a	.926	1	.336
		q23b	.076	1	.783
		q23c	.108	1	.743
		q23d	.000	1	.987
		q23e	.681	1	.409

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	2.504	1	.114
		FAC2_1	7.977	1	.005
		FAC3_1	5.764	1	.016
		FAC4_1	.229	1	.632
		FAC1_2	1.165	1	.281
		FAC2_2	2.172	1	.141
		FAC3_2	.907	1	.341
		FAC4_2	.758	1	.384
		FAC5_2	1.398	1	.237
		FAC6_2	1.229	1	.268
	Overall Statistics		62.991	55	.215

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	9.526	1	.002
	Block	9.526	1	.002
	Model	9.526	1	.002
Step 2	Step	8.395	1	.004
	Block	17.920	2	.000
	Model	17.920	2	.000
Step 3	Step	5.014	1	.025
	Block	22.934	3	.000
	Model	22.934	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	215.407[a]	.046	.068
2	207.012[b]	.084	.126
3	201.998[b]	.106	.159

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

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

Classification Table [a]

	Observed		Predicted		
			q19a		Percentage Correct
			Do Not Use	Use	
Step 1	q19a	Do Not Use	6	43	12.2
		Use	4	151	97.4
	Overall Percentage				77.0
Step 2	q19a	Do Not Use	7	42	14.3
		Use	2	153	98.7
	Overall Percentage				78.4
Step 3	q19a	Do Not Use	7	42	14.3
		Use	4	151	97.4
	Overall Percentage				77.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q10d	.332	.108	9.422	1	.002	1.394
	Constant	-.684	.609	1.262	1	.261	.505
Step 2[b]	q10d	.339	.111	9.229	1	.002	1.403
	FAC2_1	-.534	.195	7.509	1	.006	.586
	Constant	-.639	.625	1.043	1	.307	.528
Step 3[c]	q10d	.283	.115	6.082	1	.014	1.327
	q20b	.240	.106	5.112	1	.024	1.271
	FAC2_1	-.597	.203	8.653	1	.003	.551
	Constant	-1.685	.795	4.494	1	.034	.185

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q10d	1.128	1.724
	Constant		
Step 2[b]	q10d	1.128	1.745
	FAC2_1	.400	.859
	Constant		
Step 3[c]	q10d	1.060	1.663
	q20b	1.032	1.566
	FAC2_1	.370	.819
	Constant		

a. Variable(s) entered on step 1: q10d.

b. Variable(s) entered on step 2: FAC2_1.

c. Variable(s) entered on step 3: q20b.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q10d	-112.466	9.526	1	.002
Step 2	q10d	-108.234	9.456	1	.002
	FAC2_1	-107.704	8.395	1	.004
Step 3	q10d	-104.088	6.177	1	.013
	q20b	-103.506	5.014	1	.025
	FAC2_1	-105.933	9.867	1	.002

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	1.072	1	.300
		age	.546	2	.761
		age(1)	.013	1	.908
		age(2)	.516	1	.473
		nation(1)	2.568	1	.109
		thesis(1)	1.804	1	.179
		enrol(1)	.277	1	.599
		english	.673	1	.412

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	major	7.995	9	.535
		major(1)	.220	1	.639
		major(2)	.414	1	.520
		major(3)	2.276	1	.131
		major(4)	.412	1	.521
		major(5)	.091	1	.764
		major(6)	3.221	1	.073
		major(7)	.007	1	.932
		major(8)	1.495	1	.221
		major(9)	.026	1	.872
		studying	3.212	2	.201
		studying(1)	3.211	1	.073
		studying(2)	.007	1	.934
		q9	2.322	3	.508
		q9(1)	1.888	1	.169
		q9(2)	.001	1	.969
		q9(3)	.752	1	.386
		q10a	.984	1	.321
		q10b	.000	1	.993
		q10c	.168	1	.682
		q10e	1.289	1	.256
		q20a	.605	1	.437
		q20b	3.755	1	.053
		q20c	1.148	1	.284
		q20d	.161	1	.688
		q20e	.099	1	.753
		q20f	1.671	1	.196
		q20h	.025	1	.875
		q20i	.477	1	.490
		q22a	.016	1	.899
		q22b	1.685	1	.194
		q22c	.009	1	.924
		q22d	.520	1	.471
		q22e	.000	1	.999
		q22f	.012	1	.912
		q23a	1.244	1	.265
		q23b	.098	1	.754
		q23c	.363	1	.547

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q23d	.053	1	.818
		q23e	.942	1	.332
		FAC1_1	.194	1	.659
		FAC2_1	7.893	1	.005
		FAC3_1	4.211	1	.040
		FAC4_1	.146	1	.702
		FAC1_2	.501	1	.479
		FAC2_2	3.019	1	.082
		FAC3_2	1.395	1	.238
		FAC4_2	1.054	1	.304
		FAC5_2	.882	1	.348
		FAC6_2	2.119	1	.146
	Overall Statistics		54.297	54	.463

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	2.017	1	.156
		age	.277	2	.871
		age(1)	.000	1	.999
		age(2)	.275	1	.600
		nation(1)	3.704	1	.054
		thesis(1)	2.655	1	.103
		enrol(1)	.393	1	.531
		english	.008	1	.927
		major	12.709	9	.176
		major(1)	.458	1	.499
		major(2)	.875	1	.350
		major(3)	2.968	1	.085
		major(4)	.356	1	.551
		major(5)	.079	1	.779
		major(6)	4.629	1	.031
		major(7)	.467	1	.495
		major(8)	2.880	1	.090
		major(9)	.000	1	.988
		studying	2.010	2	.366
		studying(1)	1.971	1	.160
		studying(2)	.068	1	.794
		q9	2.053	3	.561
		q9(1)	1.661	1	.197
		q9(2)	.049	1	.825
		q9(3)	.133	1	.716
		q10a	2.056	1	.152
		q10b	.374	1	.541
		q10c	.005	1	.941
		q10e	1.926	1	.165
		q20a	.892	1	.345
		q20b	5.356	1	.021
		q20c	2.119	1	.145
		q20d	1.015	1	.314
		q20e	.056	1	.813
		q20f	.437	1	.508
		q20h	.092	1	.761
		q20i	.308	1	.579
		q22a	.124	1	.725

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22b	.284	1	.594
		q22c	.153	1	.696
		q22d	.102	1	.750
		q22e	.397	1	.529
		q22f	.175	1	.676
		q23a	1.184	1	.277
		q23b	.209	1	.647
		q23c	.096	1	.757
		q23d	.096	1	.756
		q23e	.762	1	.383
		FAC1_1	.361	1	.548
		FAC3_1	3.509	1	.061
		FAC4_1	.194	1	.659
		FAC1_2	.059	1	.808
		FAC2_2	.212	1	.645
		FAC3_2	1.079	1	.299
		FAC4_2	.544	1	.461
		FAC5_2	.705	1	.401
		FAC6_2	2.390	1	.122
	Overall Statistics		49.666	53	.605

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	1.629	1	.202
		age	.183	2	.912
		age(1)	.013	1	.909
		age(2)	.178	1	.673
		nation(1)	3.472	1	.062
		thesis(1)	1.582	1	.208
		enrol(1)	.262	1	.609
		english	.272	1	.602
		major	12.231	9	.201
		major(1)	.277	1	.599
		major(2)	1.063	1	.302
		major(3)	2.103	1	.147
		major(4)	.624	1	.430
		major(5)	.010	1	.919
		major(6)	4.876	1	.027
		major(7)	.239	1	.625
		major(8)	2.576	1	.108
		major(9)	.188	1	.664
		studying	1.983	2	.371
		studying(1)	1.770	1	.183
		studying(2)	.276	1	.599
		q9	2.708	3	.439
		q9(1)	2.318	1	.128
		q9(2)	.026	1	.871
		q9(3)	.203	1	.652
		q10a	1.252	1	.263
		q10b	.054	1	.817
		q10c	.117	1	.732
		q10e	1.115	1	.291
		q20a	.005	1	.944
		q20c	.526	1	.468
		q20d	.752	1	.386
		q20e	.553	1	.457
		q20f	.204	1	.652
		q20h	.000	1	.992
		q20i	.120	1	.729
		q22a	.008	1	.928
		q22b	.105	1	.745

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22c	.256	1	.613
		q22d	.055	1	.814
		q22e	.166	1	.684
		q22f	.262	1	.609
		q23a	1.470	1	.225
		q23b	.356	1	.551
		q23c	.205	1	.651
		q23d	.013	1	.909
		q23e	.589	1	.443
		FAC1_1	.002	1	.966
		FAC3_1	2.301	1	.129
		FAC4_1	.249	1	.618
		FAC1_2	.013	1	.909
		FAC2_2	.053	1	.817
		FAC3_2	2.245	1	.134
		FAC4_2	.303	1	.582
		FAC5_2	.261	1	.610
		FAC6_2	2.635	1	.105
	Overall Statistics		44.638	52	.756

```
LOGISTIC REGRESSION VARIABLES   q19b
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	204	55.1
	Missing Cases	166	44.9
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	56	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	21	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	93	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	192	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	4	.000	1.000	
age	20 -30	161	.000	.000	
	31 - 40	38	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	160	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	121	.000		
	no	83	1.000		
Full-time Enrollment		94	.000		
	Part - time	110	1.000		
gender	male	66	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q19b		Percentage Correct
			Do Not Use	Use	
Step 0	q19b	Do Not Use	119	0	100.0
		Use	85	0	.0
	Overall Percentage				58.3

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	-.336	.142	5.614	1	.018	.714

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.207	1	.649
		age	3.864	2	.145
		age(1)	.092	1	.761
		age(2)	3.661	1	.056
		nation(1)	.649	1	.420
		thesis(1)	1.630	1	.202
		enrol(1)	.814	1	.367
		english	.175	1	.676
		major	5.284	9	.809
		major(1)	.045	1	.832
		major(2)	.014	1	.907

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	.341	1	.559
		major(4)	2.189	1	.139
		major(5)	.709	1	.400
		major(6)	.146	1	.703
		major(7)	.678	1	.410
		major(8)	1.457	1	.227
		major(9)	.135	1	.714
		studying	1.457	2	.483
		studying(1)	.952	1	.329
		studying(2)	.466	1	.495
		q9	.531	3	.912
		q9(1)	.397	1	.529
		q9(2)	.274	1	.600
		q9(3)	.002	1	.966
		q10a	.011	1	.916
		q10b	.125	1	.724
		q10c	.043	1	.836
		q10d	1.536	1	.215
		q10e	3.745	1	.053
		q20a	1.428	1	.232
		q20b	.376	1	.540
		q20c	.497	1	.481
		q20d	.390	1	.532
		q20e	3.432	1	.064
		q20f	.000	1	.986
		q20h	.740	1	.390
		q20i	2.476	1	.116
		q22a	.250	1	.617
		q22b	2.387	1	.122
		q22c	2.669	1	.102
		q22d	.413	1	.521
		q22e	.562	1	.453
		q22f	.569	1	.451
		q23a	.439	1	.508
		q23b	.869	1	.351
		q23c	1.398	1	.237
		q23d	.284	1	.594
		q23e	2.735	1	.098

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.080	1	.777
		FAC2_1	7.264	1	.007
		FAC3_1	.000	1	.985
		FAC4_1	1.312	1	.252
		FAC1_2	2.090	1	.148
		FAC2_2	2.460	1	.117
		FAC3_2	5.649	1	.017
		FAC4_2	.083	1	.773
		FAC5_2	.793	1	.373
		FAC6_2	.003	1	.959
	Overall Statistics		58.341	55	.354

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	7.477	1	.006
	Block	7.477	1	.006
	Model	7.477	1	.006
Step 2	Step	5.448	1	.020
	Block	12.925	2	.002
	Model	12.925	2	.002
Step 3	Step	5.016	1	.025
	Block	17.941	3	.000
	Model	17.941	3	.000
Step 4	Step	4.290	1	.038
	Block	22.231	4	.000
	Model	22.231	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	269.634[a]	.036	.048
2	264.186[a]	.061	.083
3	259.170[b]	.084	.113
4	254.880[b]	.103	.139

a. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

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

Classification Table [a]

	Observed		Predicted q19b		Percentage Correct
			Do Not Use	Use	
Step 1	q19b	Do Not Use	97	22	81.5
		Use	66	19	22.4
	Overall Percentage				56.9
Step 2	q19b	Do Not Use	94	25	79.0
		Use	57	28	32.9
	Overall Percentage				59.8
Step 3	q19b	Do Not Use	93	26	78.2
		Use	49	36	42.4
	Overall Percentage				63.2
Step 4	q19b	Do Not Use	96	23	80.7
		Use	49	36	42.4
	Overall Percentage				64.7

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	FAC2_1	.401	.152	6.988	1	.008	1.493
	Constant	-.356	.145	6.000	1	.014	.701
Step 2[b]	FAC2_1	.398	.153	6.797	1	.009	1.489
	FAC3_2	.345	.151	5.235	1	.022	1.412
	Constant	-.378	.148	6.559	1	.010	.685
Step 3[c]	q20e	-.170	.077	4.910	1	.027	.844
	FAC2_1	.399	.157	6.460	1	.011	1.491
	FAC3_2	.413	.157	6.962	1	.008	1.511
	Constant	.372	.367	1.025	1	.311	1.450
Step 4[d]	q20e	-.191	.079	5.926	1	.015	.826
	q23e	.187	.092	4.113	1	.043	1.206
	FAC2_1	.393	.157	6.224	1	.013	1.481
	FAC3_2	.448	.161	7.781	1	.005	1.566
	Constant	-.444	.545	.665	1	.415	.641

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	FAC2_1	1.109	2.010
	Constant		
Step 2[b]	FAC2_1	1.104	2.008
	FAC3_2	1.051	1.896
	Constant		
Step 3[c]	q20e	.726	.981
	FAC2_1	1.096	2.028
	FAC3_2	1.112	2.054
	Constant		
Step 4[d]	q20e	.708	.963
	q23e	1.006	1.445
	FAC2_1	1.088	2.016
	FAC3_2	1.143	2.145
	Constant		

a. Variable(s) entered on step 1: FAC2_1.

b. Variable(s) entered on step 2: FAC3_2.

c. Variable(s) entered on step 3: q20e.

d. Variable(s) entered on step 4: q23e.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	FAC2_1	-138.555	7.477	1	.006
Step 2	FAC2_1	-135.713	7.241	1	.007
	FAC3_2	-134.817	5.448	1	.020
Step 3	q20e	-132.093	5.016	1	.025
	FAC2_1	-133.027	6.883	1	.009
	FAC3_2	-133.250	7.330	1	.007
Step 4	q20e	-130.497	6.114	1	.013
	q23e	-129.585	4.290	1	.038
	FAC2_1	-130.727	6.575	1	.010
	FAC3_2	-131.589	8.299	1	.004

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	.692	1	.406
		age	4.611	2	.100
		age(1)	.114	1	.735
		age(2)	4.358	1	.037
		nation(1)	1.436	1	.231
		thesis(1)	1.044	1	.307
		enrol(1)	.549	1	.459
		english	.011	1	.915
		major	5.487	9	.790
		major(1)	.004	1	.947
		major(2)	.010	1	.922
		major(3)	.125	1	.724
		major(4)	2.263	1	.133
		major(5)	.638	1	.424
		major(6)	.450	1	.502
		major(7)	.092	1	.761
		major(8)	2.215	1	.137
		major(9)	.056	1	.813
		studying	2.489	2	.288
		studying(1)	1.604	1	.205
		studying(2)	.801	1	.371
		q9	1.089	3	.780
		q9(1)	.505	1	.477
		q9(2)	.584	1	.445
		q9(3)	.245	1	.620
		q10a	.002	1	.967
		q10b	.775	1	.379
		q10c	.338	1	.561
		q10d	1.320	1	.251
		q10e	4.001	1	.045
		q20a	1.399	1	.237
		q20b	.620	1	.431
		q20c	.929	1	.335
		q20d	1.393	1	.238
		q20e	3.138	1	.076
		q20f	.442	1	.506
		q20h	.528	1	.467
		q20i	3.071	1	.080

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q22a	.916	1	.339
		q22b	.655	1	.418
		q22c	1.440	1	.230
		q22d	.082	1	.775
		q22e	.063	1	.802
		q22f	.082	1	.775
		q23a	.463	1	.496
		q23b	.557	1	.456
		q23c	.985	1	.321
		q23d	.010	1	.919
		q23e	2.556	1	.110
		FAC1_1	.051	1	.822
		FAC3_1	.042	1	.838
		FAC4_1	1.449	1	.229
		FAC1_2	1.018	1	.313
		FAC2_2	.173	1	.677
		FAC3_2	5.420	1	.020
		FAC4_2	.001	1	.975
		FAC5_2	.641	1	.423
		FAC6_2	.018	1	.893
	Overall Statistics		53.020	54	.512

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.182	1	.670
		age	3.769	2	.152
		age(1)	.073	1	.787
		age(2)	3.588	1	.058
		nation(1)	.682	1	.409
		thesis(1)	1.248	1	.264
		enrol(1)	.462	1	.497
		english	.151	1	.698
		major	6.456	9	.694
		major(1)	.046	1	.830
		major(2)	.004	1	.950
		major(3)	.314	1	.575
		major(4)	3.583	1	.058
		major(5)	.681	1	.409
		major(6)	.106	1	.744
		major(7)	.093	1	.761
		major(8)	2.145	1	.143
		major(9)	.022	1	.883
		studying	1.875	2	.392
		studying(1)	1.396	1	.237
		studying(2)	.414	1	.520
		q9	1.867	3	.600
		q9(1)	1.586	1	.208
		q9(2)	.538	1	.463
		q9(3)	.280	1	.597
		q10a	.004	1	.952
		q10b	.178	1	.673
		q10c	.299	1	.585
		q10d	1.775	1	.183
		q10e	4.637	1	.031
		q20a	.415	1	.520
		q20b	1.604	1	.205
		q20c	1.815	1	.178
		q20d	.532	1	.466
		q20e	5.003	1	.025
		q20f	.826	1	.363
		q20h	.685	1	.408
		q20i	2.848	1	.091

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22a	.627	1	.429
		q22b	1.130	1	.288
		q22c	2.176	1	.140
		q22d	.218	1	.640
		q22e	.012	1	.914
		q22f	.321	1	.571
		q23a	.427	1	.513
		q23b	.704	1	.401
		q23c	.666	1	.414
		q23d	.073	1	.786
		q23e	3.153	1	.076
		FAC1_1	.560	1	.454
		FAC3_1	.006	1	.938
		FAC4_1	1.179	1	.278
		FAC1_2	.699	1	.403
		FAC2_2	.224	1	.636
		FAC4_2	.002	1	.966
		FAC5_2	.792	1	.374
		FAC6_2	.002	1	.967
	Overall Statistics		49.240	53	.621

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.127	1	.722
		age	4.103	2	.129
		age(1)	.010	1	.922
		age(2)	4.100	1	.043
		nation(1)	.644	1	.422
		thesis(1)	.964	1	.326
		enrol(1)	.244	1	.622
		english	.001	1	.978
		major	7.087	9	.628
		major(1)	.001	1	.975
		major(2)	.006	1	.938
		major(3)	.155	1	.694
		major(4)	3.904	1	.048
		major(5)	.872	1	.350
		major(6)	.591	1	.442
		major(7)	.184	1	.668
		major(8)	2.080	1	.149
		major(9)	.020	1	.888
		studying	1.085	2	.581
		studying(1)	.689	1	.406
		studying(2)	.347	1	.556
		q9	1.503	3	.682
		q9(1)	1.202	1	.273
		q9(2)	.696	1	.404
		q9(3)	.034	1	.854
		q10a	.005	1	.944
		q10b	.013	1	.908
		q10c	.074	1	.786
		q10d	1.045	1	.307
		q10e	2.738	1	.098
		q20a	1.385	1	.239
		q20b	.659	1	.417
		q20c	.202	1	.653
		q20d	.054	1	.816
		q20f	.032	1	.858
		q20h	.179	1	.672
		q20i	1.375	1	.241
		q22a	.810	1	.368

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22b	1.928	1	.165
		q22c	2.669	1	.102
		q22d	.484	1	.487
		q22e	.002	1	.969
		q22f	.346	1	.556
		q23a	.735	1	.391
		q23b	.206	1	.650
		q23c	1.471	1	.225
		q23d	.361	1	.548
		q23e	4.201	1	.040
		FAC1_1	.031	1	.859
		FAC3_1	.002	1	.969
		FAC4_1	1.015	1	.314
		FAC1_2	.145	1	.703
		FAC2_2	.668	1	.414
		FAC4_2	.140	1	.708
		FAC5_2	.830	1	.362
		FAC6_2	.001	1	.976
	Overall Statistics		45.253	52	.734

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	gender(1)	.178	1	.673
		age	4.358	2	.113
		age(1)	.000	1	.987
		age(2)	4.327	1	.038
		nation(1)	.511	1	.475
		thesis(1)	1.090	1	.296
		enrol(1)	.066	1	.797
		english	.047	1	.829
		major	6.575	9	.681
		major(1)	.042	1	.837
		major(2)	.013	1	.910
		major(3)	.075	1	.785
		major(4)	3.519	1	.061
		major(5)	1.556	1	.212
		major(6)	.411	1	.521
		major(7)	.145	1	.703
		major(8)	1.512	1	.219
		major(9)	.013	1	.909
		studying	.758	2	.685
		studying(1)	.666	1	.415
		studying(2)	.068	1	.794
		q9	1.730	3	.630
		q9(1)	1.477	1	.224
		q9(2)	.683	1	.409
		q9(3)	.047	1	.828
		q10a	.002	1	.962
		q10b	.020	1	.887
		q10c	.042	1	.837
		q10d	1.179	1	.278
		q10e	2.336	1	.126
		q20a	1.081	1	.298
		q20b	.412	1	.521
		q20c	.258	1	.611
		q20d	.004	1	.948
		q20f	.280	1	.596
		q20h	.630	1	.427
		q20i	2.036	1	.154
		q22a	.830	1	.362

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q22b	.886	1	.347
		q22c	.757	1	.384
		q22d	.179	1	.672
		q22e	.001	1	.978
		q22f	.017	1	.895
		q23a	.296	1	.586
		q23b	2.935	1	.087
		q23c	.060	1	.806
		q23d	.639	1	.424
		FAC1_1	.530	1	.467
		FAC3_1	.043	1	.836
		FAC4_1	1.375	1	.241
		FAC1_2	.774	1	.379
		FAC2_2	.303	1	.582
		FAC4_2	.002	1	.966
		FAC5_2	1.187	1	.276
		FAC6_2	.007	1	.931
	Overall Statistics		41.513	51	.826

```
LOGISTIC REGRESSION VARIABLES   q19c
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	204	55.1
	Missing Cases	166	44.9
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	56	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	21	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	93	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	192	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	4	.000	1.000	
age	20 -30	161	.000	.000	
	31 - 40	38	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	160	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	121	.000		
	no	83	1.000		
Full-time Enrollment		94	.000		
	Part - time	110	1.000		
gender	male	66	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

			Predicted		
			q19c		Percentage
	Observed		Do Not Use	Use	Correct
Step 0	q19c	Do Not Use	121	0	100.0
		Use	83	0	.0
	Overall Percentage				59.3

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	-.377	.143	6.995	1	.008	.686

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	.428	1	.513
		age	.039	2	.981
		age(1)	.039	1	.844
		age(2)	.001	1	.975
		nation(1)	.529	1	.467
		thesis(1)	5.702	1	.017
		enrol(1)	.412	1	.521
		english	3.030	1	.082
		major	23.618	9	.005
		major(1)	3.941	1	.047
		major(2)	.466	1	.495

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	.065	1	.799
		major(4)	5.052	1	.025
		major(5)	.909	1	.340
		major(6)	3.461	1	.063
		major(7)	9.524	1	.002
		major(8)	1.300	1	.254
		major(9)	.090	1	.764
		studying	4.322	2	.115
		studying(1)	1.642	1	.200
		studying(2)	2.799	1	.094
		q9	5.287	3	.152
		q9(1)	.146	1	.702
		q9(2)	4.448	1	.035
		q9(3)	.312	1	.576
		q10a	5.722	1	.017
		q10b	5.414	1	.020
		q10c	1.964	1	.161
		q10d	3.901	1	.048
		q10e	.014	1	.906
		q20a	.988	1	.320
		q20b	1.137	1	.286
		q20c	2.433	1	.119
		q20d	1.250	1	.263
		q20e	1.063	1	.303
		q20f	5.133	1	.023
		q20h	2.482	1	.115
		q20i	.902	1	.342
		q22a	.666	1	.414
		q22b	7.659	1	.006
		q22c	11.111	1	.001
		q22d	.056	1	.814
		q22e	.013	1	.909
		q22f	1.137	1	.286
		q23a	2.907	1	.088
		q23b	.467	1	.494
		q23c	1.498	1	.221
		q23d	1.294	1	.255
		q23e	4.184	1	.041

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.432	1	.511
		FAC2_1	2.469	1	.116
		FAC3_1	.207	1	.649
		FAC4_1	.728	1	.394
		FAC1_2	.139	1	.709
		FAC2_2	4.110	1	.043
		FAC3_2	1.090	1	.297
		FAC4_2	.327	1	.567
		FAC5_2	.244	1	.621
		FAC6_2	1.443	1	.230
	Overall Statistics		57.969	55	.366

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	11.386	1	.001
	Block	11.386	1	.001
	Model	11.386	1	.001
Step 2	Step	24.971	9	.003
	Block	36.357	10	.000
	Model	36.357	10	.000
Step 3	Step	5.406	1	.020
	Block	41.763	11	.000
	Model	41.763	11	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	264.298[a]	.054	.073
2	239.327[b]	.163	.220
3	233.921[b]	.185	.250

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

b. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Classification Table [a]

	Observed		Predicted		
			q19c Percentage		
			Do Not Use	Use	Correct
Step 1	q19c	Do Not Use	102	19	84.3
		Use	54	29	34.9
	Overall Percentage				64.2
Step 2	q19c	Do Not Use	90	31	74.4
		Use	41	42	50.6
	Overall Percentage				64.7
Step 3	q19c	Do Not Use	90	31	74.4
		Use	32	51	61.4
	Overall Percentage				69.1

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q22c	.258	.079	10.682	1	.001	1.295
	Constant	-1.422	.359	15.708	1	.000	.241
Step 2[b]	major			12.048	9	.211	
	major(1)	-.261	.557	.220	1	.639	.770
	major(2)	-.202	.659	.094	1	.760	.817
	major(3)	-.862	.670	1.656	1	.198	.422
	major(4)	-1.571	.701	5.024	1	.025	.208
	major(5)	-1.610	1.236	1.698	1	.193	.200
	major(6)	.105	.658	.025	1	.874	1.110
	major(7)	-21.221	11021.76	.000	1	.998	.000
	major(8)	-1.402	.837	2.809	1	.094	.246
	major(9)	-.765	.800	.914	1	.339	.465
	q22c	.228	.085	7.281	1	.007	1.256
	Constant	-.670	.585	1.313	1	.252	.512
Step 3[c]	major			14.259	9	.113	
	major(1)	-.181	.565	.102	1	.749	.835
	major(2)	-.195	.663	.087	1	.769	.823
	major(3)	-.667	.681	.960	1	.327	.513
	major(4)	-1.762	.713	6.116	1	.013	.172
	major(5)	-1.623	1.242	1.708	1	.191	.197
	major(6)	.105	.661	.025	1	.874	1.110
	major(7)	-21.267	10977.23	.000	1	.998	.000
	major(8)	-1.613	.852	3.585	1	.058	.199
	major(9)	-1.004	.809	1.539	1	.215	.366
	q20h	.225	.099	5.177	1	.023	1.253
	q22c	.221	.086	6.605	1	.010	1.247
	Constant	-1.791	.776	5.325	1	.021	.167

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q22c	1.109	1.512
	Constant		
Step 2[b]	major		
	major(1)	.258	2.296
	major(2)	.225	2.973
	major(3)	.114	1.570
	major(4)	.053	.821
	major(5)	.018	2.252
	major(6)	.306	4.032
	major(7)	.000	.
	major(8)	.048	1.268
	major(9)	.097	2.232
	q22c	1.064	1.483
	Constant		
Step 3[c]	major		
	major(1)	.276	2.526
	major(2)	.224	3.016
	major(3)	.135	1.949
	major(4)	.042	.694
	major(5)	.017	2.250
	major(6)	.304	4.057
	major(7)	.000	.
	major(8)	.038	1.058
	major(9)	.075	1.790
	q20h	1.032	1.521
	q22c	1.054	1.477
	Constant		

a. Variable(s) entered on step 1: q22c.

b. Variable(s) entered on step 2: major.

c. Variable(s) entered on step 3: q20h.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q22c	-137.842	11.386	1	.001
Step 2	major	-132.149	24.971	9	.003
	q22c	-123.487	7.647	1	.006
Step 3	major	-130.873	27.825	9	.001
	q20h	-119.663	5.406	1	.020
	q22c	-120.419	6.917	1	.009

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	.077	1	.781
		age	.138	2	.933
		age(1)	.132	1	.716
		age(2)	.010	1	.919
		nation(1)	.543	1	.461
		thesis(1)	5.240	1	.022
		enrol(1)	.055	1	.815
		english	1.556	1	.212
		major	20.775	9	.014
		major(1)	2.434	1	.119
		major(2)	1.137	1	.286
		major(3)	.337	1	.561
		major(4)	4.156	1	.041
		major(5)	.821	1	.365
		major(6)	3.130	1	.077
		major(7)	7.552	1	.006
		major(8)	1.468	1	.226
		major(9)	.045	1	.831
		studying	4.567	2	.102
		studying(1)	1.938	1	.164
		studying(2)	2.758	1	.097
		q9	5.419	3	.144
		q9(1)	.155	1	.694
		q9(2)	4.652	1	.031
		q9(3)	.260	1	.610
		q10a	5.727	1	.017

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q10b	3.378	1	.066
		q10c	.851	1	.356
		q10d	3.213	1	.073
		q10e	.060	1	.807
		q20a	.782	1	.377
		q20b	1.221	1	.269
		q20c	1.911	1	.167
		q20d	.387	1	.534
		q20e	.865	1	.352
		q20f	3.458	1	.063
		q20h	2.514	1	.113
		q20i	1.162	1	.281
		q22a	.855	1	.355
		q22b	1.548	1	.213
		q22d	1.274	1	.259
		q22e	.269	1	.604
		q22f	.096	1	.756
		q23a	.935	1	.334
		q23b	.001	1	.974
		q23c	.017	1	.898
		q23d	.065	1	.799
		q23e	.706	1	.401
		FAC1_1	.212	1	.645
		FAC2_1	1.085	1	.298
		FAC3_1	.606	1	.436
		FAC4_1	1.061	1	.303
		FAC1_2	.377	1	.539
		FAC2_2	1.859	1	.173
		FAC3_2	1.936	1	.164
		FAC4_2	.331	1	.565
		FAC5_2	.069	1	.793
		FAC6_2	.785	1	.375
	Overall Statistics		50.425	54	.613

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	gender(1)	.039	1	.843
		age	.025	2	.988
		age(1)	.022	1	.881
		age(2)	.001	1	.974
		nation(1)	.545	1	.460
		thesis(1)	2.222	1	.136
		enrol(1)	.121	1	.728
		english	.493	1	.482
		studying	3.171	2	.205
		studying(1)	.395	1	.530
		studying(2)	2.776	1	.096
		q9	1.940	3	.585
		q9(1)	.030	1	.862
		q9(2)	1.824	1	.177
		q9(3)	.015	1	.902
		q10a	4.245	1	.039
		q10b	.334	1	.563
		q10c	.283	1	.595
		q10d	1.744	1	.187
		q10e	.114	1	.736
		q20a	.705	1	.401
		q20b	.510	1	.475
		q20c	.003	1	.956
		q20d	.376	1	.540
		q20e	.381	1	.537
		q20f	2.048	1	.152
		q20h	5.329	1	.021
		q20i	.006	1	.939
		q22a	.300	1	.584
		q22b	.276	1	.599
		q22d	1.702	1	.192
		q22e	.260	1	.610
		q22f	.686	1	.408
		q23a	.964	1	.326
		q23b	.141	1	.707
		q23c	.274	1	.600
		q23d	.179	1	.672
		q23e	.930	1	.335

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	FAC1_1	.485	1	.486
		FAC2_1	.185	1	.667
		FAC3_1	.006	1	.937
		FAC4_1	3.853	1	.050
		FAC1_2	.285	1	.594
		FAC2_2	1.197	1	.274
		FAC3_2	2.662	1	.103
		FAC4_2	.081	1	.776
		FAC5_2	.131	1	.717
		FAC6_2	.000	1	1.000
	Overall Statistics		33.497	45	.897

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	gender(1)	.278	1	.598
		age	.000	2	1.000
		age(1)	.000	1	.998
		age(2)	.000	1	.995
		nation(1)	.233	1	.629
		thesis(1)	3.045	1	.081
		enrol(1)	.246	1	.620
		english	.364	1	.546
		studying	3.121	2	.210
		studying(1)	.245	1	.620
		studying(2)	2.875	1	.090
		q9	2.203	3	.531
		q9(1)	.027	1	.870
		q9(2)	2.101	1	.147
		q9(3)	.063	1	.802
		q10a	3.043	1	.081
		q10b	.047	1	.829
		q10c	.053	1	.819
		q10d	1.209	1	.272
		q10e	.316	1	.574
		q20a	.456	1	.499
		q20b	.655	1	.418
		q20c	.119	1	.730
		q20d	.008	1	.930
		q20e	.019	1	.890
		q20f	1.055	1	.304
		q20i	.809	1	.368
		q22a	.125	1	.724
		q22b	.162	1	.687
		q22d	2.016	1	.156
		q22e	.355	1	.551
		q22f	.933	1	.334
		q23a	.579	1	.447
		q23b	.012	1	.913
		q23c	.178	1	.673
		q23d	.016	1	.899
		q23e	.268	1	.605
		FAC1_1	.269	1	.604

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	FAC2_1	.236	1	.627
		FAC3_1	.143	1	.706
		FAC4_1	3.706	1	.054
		FAC1_2	1.154	1	.283
		FAC2_2	.869	1	.351
		FAC3_2	2.758	1	.097
		FAC4_2	.011	1	.917
		FAC5_2	.003	1	.957
		FAC6_2	.005	1	.946
	Overall Statistics		28.527	44	.966

```
LOGISTIC REGRESSION VARIABLES   q19d
    /METHOD = FSTEP(LR) gender age nation thesis enrol english major studying
    q9 q10a q10b q10c q10d q10e q20a q20b q20c q20d q20e q20f q20h q20i
    q22a q22b q22c q22d q22e q22f q23a q23b q23c q23d q23e
    FAC1_1 FAC2_1 FAC3_1 FAC4_1 FAC1_2 FAC2_2 FAC3_2 FAC4_2 FAC5_2 FAC6_2
    /CONTRAST (gender)=Indicator(1)   /CONTRAST (age)=Indicator(1)   /CONTRAST
    (nation)=Indicator(1)   /CONTRAST (thesis)=Indicator(1)   /CONTRAST
    (enrol)=Indicator(1)   /CONTRAST (major)=Indicator(1)   /CONTRAST
    (studying)=Indicator(1)   /CONTRAST (q9)=Indicator(1)
    /PRINT = CI(95)
    /CRITERIA = PIN(.05) POUT(.10) ITERATE(20) CUT(.5) .
```

Logistic Regression

[DataSet1] C:\Documents and Settings\army\Mis documentos\081022 - Nujoud Momen \Amended students' questionnaire.sav

Case Processing Summary

Unweighted Cases [a]		N	Percent
Selected Cases	Included in Analysis	204	55.1
	Missing Cases	166	44.9
	Total	370	100.0
Unselected Cases		0	.0
Total		370	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Do Not Use	0
Use	1

Categorical Variables Codings

			Parameter coding		
		Frequency	(1)	(2)	(3)
major	medicine	18	.000	.000	.000
	engineering	56	1.000	.000	.000
	science	21	.000	1.000	.000
	Business Administration	21	.000	.000	1.000
	Arts	25	.000	.000	.000
	Law	5	.000	.000	.000
	Social Sciences	22	.000	.000	.000
	Education	13	.000	.000	.000
	Islamic Studies	12	.000	.000	.000
	Joint Degree	11	.000	.000	.000
At what stage of the programme are you currently	1st year	93	.000	.000	.000
	2nd year	67	1.000	.000	.000
	3rd year	27	.000	1.000	.000
	4th year	17	.000	.000	1.000
What degree are you studying?	Masters	192	.000	.000	
	Ph D	8	1.000	.000	
	Higher Diploma	4	.000	1.000	
age	20 -30	161	.000	.000	
	31 - 40	38	1.000	.000	
	41 - 50	5	.000	1.000	
nation	Kuwaiti	160	.000		
	Non Kuwaiti	44	1.000		
Is thesis required to complete your programme	ye s	121	.000		
	no	83	1.000		
Full-time Enrollment		94	.000		
	Part - time	110	1.000		
gender	male	66	.000		
	female	138	1.000		

Categorical Variables Codings

		Parameter coding			
		(4)	(5)	(6)	(7)
major	medicine	.000	.000	.000	.000
	engineering	.000	.000	.000	.000
	science	.000	.000	.000	.000
	Business Administration	.000	.000	.000	.000
	Arts	1.000	.000	.000	.000
	Law	.000	1.000	.000	.000
	Social Sciences	.000	.000	1.000	.000
	Education	.000	.000	.000	1.000
	Islamic Studies	.000	.000	.000	.000
	Joint Degree	.000	.000	.000	.000
At what stage of the programme are you currently	1st year				
	2nd year				
	3rd year				
	4th year				
What degree are you studying?	Masters				
	Ph D				
	Higher Diploma				
age	20 -30				
	31 - 40				
	41 - 50				
nation	Kuwaiti				
	Non Kuwaiti				
Is thesis required to complete your programme	ye s				
	no				
Full-time Enrollment					
	Part - time				
gender	male				
	female				

Categorical Variables Codings

		Parameter coding	
		(8)	(9)
major	medicine	.000	.000
	engineering	.000	.000
	science	.000	.000
	Business Administration	.000	.000
	Arts	.000	.000
	Law	.000	.000
	Social Sciences	.000	.000
	Education	.000	.000
	Islamic Studies	1.000	.000
	Joint Degree	.000	1.000
At what stage of the programme are you currently	1st year		
	2nd year		
	3rd year		
	4th year		
What degree are you studying?	Masters		
	Ph D		
	Higher Diploma		
age	20 -30		
	31 - 40		
	41 - 50		
nation	Kuwaiti		
	Non Kuwaiti		
Is thesis required to complete your programme	ye s		
	no		
Full-time Enrollment			
	Part - time		
gender	male		
	female		

Block 0: Beginning Block

Classification Table [a,b]

	Observed		Predicted q19d		Percentage Correct
			Do Not Use	Use	
Step 0	q19d	Do Not Use	183	0	100.0
		Use	21	0	.0
	Overall Percentage				89.7

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	-2.165	.230	88.296	1	.000	.115

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 0	Constant		

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	gender(1)	9.341	1	.002
		age	3.737	2	.154
		age(1)	3.340	1	.068
		age(2)	.588	1	.443
		nation(1)	.069	1	.792
		thesis(1)	.065	1	.799
		enrol(1)	.600	1	.438
		english	1.330	1	.249
		major	6.518	9	.687
		major(1)	.407	1	.524
		major(2)	2.686	1	.101

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	major(3)	.404	1	.525
		major(4)	.162	1	.687
		major(5)	.588	1	.443
		major(6)	.882	1	.348
		major(7)	.390	1	.532
		major(8)	.053	1	.818
		major(9)	.783	1	.376
		studying	2.986	2	.225
		studying(1)	1.950	1	.163
		studying(2)	.956	1	.328
		q9	2.011	3	.570
		q9(1)	.194	1	.660
		q9(2)	.689	1	.407
		q9(3)	1.086	1	.297
		q10a	.133	1	.715
		q10b	6.776	1	.009
		q10c	3.698	1	.054
		q10d	1.571	1	.210
		q10e	3.594	1	.058
		q20a	.044	1	.834
		q20b	.260	1	.610
		q20c	.460	1	.498
		q20d	.522	1	.470
		q20e	.139	1	.710
		q20f	1.568	1	.211
		q20h	.020	1	.886
		q20i	.048	1	.827
		q22a	2.024	1	.155
		q22b	11.701	1	.001
		q22c	4.647	1	.031
		q22d	3.007	1	.083
		q22e	1.151	1	.283
		q22f	8.402	1	.004
		q23a	1.824	1	.177
		q23b	.001	1	.975
		q23c	.056	1	.813
		q23d	2.115	1	.146
		q23e	2.063	1	.151

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	FAC1_1	.692	1	.405
		FAC2_1	3.980	1	.046
		FAC3_1	.028	1	.868
		FAC4_1	.372	1	.542
		FAC1_2	.000	1	.994
		FAC2_2	3.230	1	.072
		FAC3_2	.070	1	.792
		FAC4_2	.300	1	.584
		FAC5_2	.283	1	.595
		FAC6_2	.795	1	.373
	Overall Statistics		56.617	55	.414

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	11.980	1	.001
	Block	11.980	1	.001
	Model	11.980	1	.001
Step 2	Step	6.168	1	.013
	Block	18.147	2	.000
	Model	18.147	2	.000
Step 3	Step	4.514	1	.034
	Block	22.661	3	.000
	Model	22.661	3	.000
Step 4	Step	4.884	1	.027
	Block	27.546	4	.000
	Model	27.546	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	123.271[a]	.057	.118
2	117.104[a]	.085	.176
3	112.590[a]	.105	.217
4	107.706[a]	.126	.261

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Classification Table [a]

	Observed		Predicted q19d		Percentage Correct
			Do Not Use	Use	
Step 1	q19d	Do Not Use	183	0	100.0
		Use	21	0	.0
	Overall Percentage				89.7
Step 2	q19d	Do Not Use	183	0	100.0
		Use	21	0	.0
	Overall Percentage				89.7
Step 3	q19d	Do Not Use	182	1	99.5
		Use	21	0	.0
	Overall Percentage				89.2
Step 4	q19d	Do Not Use	183	0	100.0
		Use	19	2	9.5
	Overall Percentage				90.7

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	q22b	.404	.126	10.234	1	.001	1.498
	Constant	-3.826	.644	35.279	1	.000	.022
Step 2[b]	gender (1)	-1.205	.492	5.998	1	.014	.300
	q22b	.370	.129	8.246	1	.004	1.448
	Constant	-3.026	.700	18.675	1	.000	.049
Step 3[c]	gender (1)	-1.564	.541	8.343	1	.004	.209
	q22a	-.321	.152	4.460	1	.035	.726
	q22b	.376	.132	8.145	1	.004	1.456
	Constant	-1.387	1.007	1.898	1	.168	.250
Step 4[d]	gender (1)	-1.463	.543	7.252	1	.007	.232
	q10b	.416	.208	3.982	1	.046	1.515
	q22a	-.417	.164	6.518	1	.011	.659
	q22b	.306	.139	4.830	1	.028	1.358
	Constant	-2.872	1.308	4.816	1	.028	.057

Variables in the Equation

		95.0% C.I.for EXP(B)	
		Lower	Upper
Step 1[a]	q22b	1.170	1.919
	Constant		
Step 2[b]	gender (1)	.114	.786
	q22b	1.125	1.865
	Constant		
Step 3[c]	gender (1)	.072	.605
	q22a	.539	.977
	q22b	1.125	1.885
	Constant		
Step 4[d]	gender (1)	.080	.672
	q10b	1.007	2.280
	q22a	.478	.908
	q22b	1.034	1.783
	Constant		

a. Variable(s) entered on step 1: q22b.

b. Variable(s) entered on step 2: gender.

c. Variable(s) entered on step 3: q22a.

d. Variable(s) entered on step 4: q10b.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	q22b	-67.626	11.980	1	.001
Step 2	gender	-61.636	6.168	1	.013
	q22b	-63.293	9.483	1	.002
Step 3	gender	-60.779	8.969	1	.003
	q22a	-58.552	4.514	1	.034
	q22b	-61.002	9.413	1	.002
Step 4	gender	-57.730	7.755	1	.005
	q10b	-56.295	4.884	1	.027
	q22a	-57.227	6.749	1	.009
	q22b	-56.517	5.328	1	.021

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	gender(1)	6.434	1	.011
		age	3.095	2	.213
		age(1)	2.585	1	.108
		age(2)	.726	1	.394
		nation(1)	.042	1	.837
		thesis(1)	.001	1	.975
		enrol(1)	.397	1	.529
		english	.207	1	.649
		major	10.625	9	.302
		major(1)	.034	1	.853
		major(2)	3.439	1	.064
		major(3)	.251	1	.617
		major(4)	.133	1	.715
		major(5)	.461	1	.497
		major(6)	.827	1	.363
		major(7)	4.990	1	.025
		major(8)	.061	1	.805
		major(9)	.898	1	.343
		studying	.908	2	.635
		studying(1)	.155	1	.694
		studying(2)	.721	1	.396
		q9	.477	3	.924
		q9(1)	.085	1	.770
		q9(2)	.368	1	.544
		q9(3)	.049	1	.825
		q10a	.028	1	.867
		q10b	3.449	1	.063
		q10c	1.619	1	.203
		q10d	.653	1	.419
		q10e	2.481	1	.115
		q20a	.131	1	.718
		q20b	.178	1	.673
		q20c	.002	1	.961
		q20d	.289	1	.591
		q20e	.007	1	.933
		q20f	.250	1	.617
		q20h	.003	1	.956
		q20i	.079	1	.779

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	q22a	1.768	1	.184
		q22c	.392	1	.531
		q22d	1.051	1	.305
		q22e	1.220	1	.269
		q22f	4.132	1	.042
		q23a	.707	1	.401
		q23b	.697	1	.404
		q23c	.376	1	.540
		q23d	.684	1	.408
		q23e	.512	1	.474
		FAC1_1	.128	1	.720
		FAC2_1	1.624	1	.202
		FAC3_1	.010	1	.919
		FAC4_1	.074	1	.786
		FAC1_2	.101	1	.750
		FAC2_2	.272	1	.602
		FAC3_2	.156	1	.693
		FAC4_2	.026	1	.873
		FAC5_2	.495	1	.482
		FAC6_2	.121	1	.728
	Overall Statistics		54.842	54	.442

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	age	2.917	2	.233
		age(1)	1.926	1	.165
		age(2)	1.358	1	.244
		nation(1)	.005	1	.945
		thesis(1)	.092	1	.761
		enrol(1)	.019	1	.891
		english	.119	1	.730
		major	12.020	9	.212
		major(1)	.000	1	1.000
		major(2)	4.084	1	.043
		major(3)	.000	1	.994
		major(4)	.334	1	.564
		major(5)	.738	1	.390
		major(6)	.398	1	.528
		major(7)	5.271	1	.022
		major(8)	.112	1	.737
		major(9)	1.350	1	.245
		studying	.327	2	.849
		studying(1)	.183	1	.668
		studying(2)	.126	1	.723
		q9	.852	3	.837
		q9(1)	.274	1	.600
		q9(2)	.176	1	.675
		q9(3)	.536	1	.464
		q10a	.045	1	.832
		q10b	2.437	1	.118
		q10c	1.525	1	.217
		q10d	1.442	1	.230
		q10e	1.659	1	.198
		q20a	.501	1	.479
		q20b	.130	1	.719
		q20c	.107	1	.744
		q20d	.115	1	.735
		q20e	.002	1	.967
		q20f	.840	1	.359
		q20h	.315	1	.575
		q20i	.074	1	.785
		q22a	4.712	1	.030

Variables not in the Equation

			Score	df	Sig.
Step 2	Variables	q22c	.102	1	.750
		q22d	1.792	1	.181
		q22e	1.395	1	.238
		q22f	3.501	1	.061
		q23a	.720	1	.396
		q23b	.690	1	.406
		q23c	.308	1	.579
		q23d	1.044	1	.307
		q23e	.562	1	.453
		FAC1_1	.433	1	.511
		FAC2_1	.743	1	.389
		FAC3_1	.227	1	.634
		FAC4_1	.069	1	.793
		FAC1_2	.041	1	.840
		FAC2_2	.013	1	.909
		FAC3_2	.716	1	.397
		FAC4_2	.000	1	.985
		FAC5_2	.168	1	.682
		FAC6_2	.372	1	.542
	Overall Statistics		53.639	53	.450

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	age	3.270	2	.195
		age(1)	1.612	1	.204
		age(2)	2.087	1	.149
		nation(1)	.024	1	.876
		thesis(1)	.006	1	.938
		enrol(1)	.018	1	.893
		english	.251	1	.616
		major	10.001	9	.350
		major(1)	.054	1	.816
		major(2)	3.755	1	.053
		major(3)	.003	1	.954
		major(4)	.225	1	.635
		major(5)	.683	1	.408
		major(6)	.544	1	.461
		major(7)	2.878	1	.090
		major(8)	.283	1	.595
		major(9)	1.889	1	.169
		studying	.016	2	.992
		studying(1)	.002	1	.966
		studying(2)	.015	1	.903
		q9	.853	3	.837
		q9(1)	.237	1	.627
		q9(2)	.460	1	.497
		q9(3)	.276	1	.600
		q10a	.217	1	.642
		q10b	4.280	1	.039
		q10c	1.269	1	.260
		q10d	1.472	1	.225
		q10e	1.123	1	.289
		q20a	1.285	1	.257
		q20b	.428	1	.513
		q20c	.123	1	.726
		q20d	.210	1	.647
		q20e	.075	1	.784
		q20f	1.071	1	.301
		q20h	.305	1	.580
		q20i	.095	1	.758
		q22c	.340	1	.560

Variables not in the Equation

			Score	df	Sig.
Step 3	Variables	q22d	1.186	1	.276
		q22e	.583	1	.445
		q22f	2.891	1	.089
		q23a	1.172	1	.279
		q23b	.671	1	.413
		q23c	.248	1	.618
		q23d	.850	1	.357
		q23e	1.013	1	.314
		FAC1_1	.159	1	.690
		FAC2_1	2.093	1	.148
		FAC3_1	.173	1	.677
		FAC4_1	.154	1	.695
		FAC1_2	.014	1	.906
		FAC2_2	.001	1	.980
		FAC3_2	.548	1	.459
		FAC4_2	.001	1	.980
		FAC5_2	.180	1	.671
		FAC6_2	.599	1	.439
	Overall Statistics		52.042	52	.472

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	age	3.304	2	.192
		age(1)	1.762	1	.184
		age(2)	1.982	1	.159
		nation(1)	.006	1	.941
		thesis(1)	.199	1	.655
		enrol(1)	.069	1	.793
		english	.002	1	.964
		major	12.172	9	.204
		major(1)	.592	1	.442
		major(2)	3.505	1	.061
		major(3)	.003	1	.956
		major(4)	1.375	1	.241
		major(5)	.247	1	.619
		major(6)	.107	1	.743
		major(7)	3.635	1	.057
		major(8)	1.122	1	.289
		major(9)	1.550	1	.213
		studying	.153	2	.926
		studying(1)	.107	1	.744
		studying(2)	.058	1	.810
		q9	.606	3	.895
		q9(1)	.359	1	.549
		q9(2)	.351	1	.554
		q9(3)	.092	1	.762
		q10a	1.180	1	.277
		q10c	.184	1	.668
		q10d	.316	1	.574
		q10e	.300	1	.584
		q20a	1.203	1	.273
		q20b	.043	1	.835
		q20c	.022	1	.883
		q20d	.002	1	.968
		q20e	.248	1	.619
		q20f	.742	1	.389
		q20h	.188	1	.665
		q20i	.065	1	.799
		q22c	.286	1	.593
		q22d	.525	1	.469

Variables not in the Equation

			Score	df	Sig.
Step 4	Variables	q22e	.605	1	.437
		q22f	2.108	1	.147
		q23a	1.713	1	.191
		q23b	.487	1	.485
		q23c	.661	1	.416
		q23d	.822	1	.365
		q23e	.986	1	.321
		FAC1_1	.066	1	.798
		FAC2_1	2.028	1	.154
		FAC3_1	.316	1	.574
		FAC4_1	.212	1	.645
		FAC1_2	.009	1	.925
		FAC2_2	.023	1	.878
		FAC3_2	1.511	1	.219
		FAC4_2	.017	1	.896
		FAC5_2	.304	1	.582
		FAC6_2	.656	1	.418
	Overall Statistics		49.687	51	.526