Model Inform	ation	
Data Set	WORK.IMPORT	
Response Variable	x4	х4
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read 100 Number of Observations Used 100

Resp	onse	Profile
Ordered Value	x4	Total Frequency
1	0	39
2	1	61

Probability modeled is x4='1'.

																				F	orwa	ard :	Sele	ction	Pro	ocedu	re																			
																					С	lass	Lev	el Int	forn	nation																				
Class	Value																							De	sigi	n Vari	able	s																		
x5	0	1	0																																											
	1	0	1																																											
x6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	10	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	5.1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	5.2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	5.5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	5.6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	5.7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	5.8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0	_	_	Ш	
	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0			Ш	
	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0			Ш	
	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0 (0	0 0	0	0	0	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 1	1	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	1 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 1	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	1	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	1	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	0				
	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	1	0	0 (0	0	0	0	0 ()	0	0	0	0	0				
	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	1	0 (0	0	0	0	0 ()	0	0	0	0	0				
	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	1 (0	0	0	0	0 ()	0	0	0	0	0				
	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 1	. 0	0	0	0	0 ()	0	0	0	0	0				
	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	1	0	0	0	0 ()	0	0	0	0	0	_	_	Ш	
	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	1	0	0	0 ()	0	0	0	0	0	_	_	Ш	
	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	1	0	0 ()	0	0	0	0	0	_	_	Ш	
	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	1	0 ()	0	0	0	0	0	_	_	Ш	
	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	1 ()	0	0	0	0	0	_	_	Ш	
	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 2	L	0	0	0	0	0	_	_	Ш	
	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	1	0	0	0	0	_	_	Ш	
	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	1	0	0	0			Ш	
	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	1	0	0	_	_	Ш	
	9.6	0	0	0	0	0		-	0		_		-	_	-	-	-	-	-	-	-	-	_	_	-	0 0	-	-		_	_	_	-			0 (_	-	-	-			_	_	Ш	
	9.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0	0	0	0	0 0	0	0	0	0	0 ()	0	0	0	0	1			Ш	
ر7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0																		Ш	
	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0																		Ш	
	2.2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0																		Ш	
	2.4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0																			
	2.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0																			

8/12/22, 01:51 1 of 12

27			Class Level Information
28	Class	Value	Design Variables 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
22			
33		2.8	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
S			
36			
37		3.4	0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0
38			
May 10 10 10 10 10 10 10 1			
A1			
A3		3.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
44			
48			
44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
S		4.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
S			
55.			
Mail			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
4			
S	x8		
13			
13			
25 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0			
26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
3.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
33		2.7	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
35. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
36			
38.			
3.9		3.7	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0
4.1			
4.3 0 0 0 0 0 0 0 0 0			
4.6			
4.7		4.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
48			
5.1			
5.2		4.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
5.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
5.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
5.6			
5.7			
5.8			
5.9			
6.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
6.3			
6.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
6.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
6.7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
6.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
7.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
7.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
		7.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
7.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
7.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
7.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
7.7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Oleman	Malara																		(Class	s Lev			nation																			
Class	Value 7.9	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 () 0	0	0	0	0	0			n Vari 0 0			0	0 0	0 0	0	0 0	0	0	0	0 (0 0	0	0	0	0 (0 0	1	0 0
	8.4	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0 0	0	0 0	0	0	0	0 (0 0	0	0	0	0 (0 0	0	1 0
	8.5			0	-	-	0 (0 (0	0	0	0	-	0 (_		0	0	0		_	0 (0	0		0 0		0	0 0		0	0	0 (0 0	0	0			0 0	0	0 1
x9	3		0	-	-	-		0 (0	0	0		0 0			0	0	0			0 0		0	0		0 0		0	0 0		0		0 0		0	0	0	-			
	5		0		-	-	0 (0	0		-	0 (_		0	0	0		0 (0	0		0 0		0	0 0		0		0 (0	0	0	-			
	6	0	0	0	1	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0 0	0	0 0	0	0	0	0 (0 0	0	0	0	0			
	7	-	-	-	-		0 (0	0			0 (0	0	0			0 (0	0		0 0		0	0 0		0		0 (0	0	0	-			
	3.2			-	-	-	0				0	0	0	-	0 (0	0	0			0 (0	0		0 0		0	0 0		0		0 (0	0	0	_			
	3.5	ļ-	0	-	-	-		0 :						-	0 (_			0	0			0 (0		0 0		0	0 0		0		0 (0	0	_			
	3.6	0	0	0	0	0	0 (0 (0 1	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0	0	0	0	0			
	3.7	ļ-	0	-	-	-		0 (0	0	_		0 0	_		0	0	0			0 (0	0		0 0		0	0 0		0		0 (0	0	0	_			
	3.9 4.1	ļ-		-	-	-		0 (0	0			0 (_		0	0	0			0 (0	0		0 0		0	0 0		0		0 (0	0	0	_			
	4.2		0	0	0	0	0 (0 (0 0	0	0	0	1	0	0 () 0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0	0	0	0	0			
	4.3	0	0	0	0	0	0 (0 (0 0	0	0	0	0	1	0 (0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0	0	0	0	0			
	4.4	ļ-	0	-	-	-		0 (0	0	0	0	-	1 (_		0	0	0			0 (0	0		0 0		0	0 0	0	0		0 (0 0	0	0	0	_			
	4.5		0				0 (0 0		0	0		-	0 (_		0	0	0			0 (0	0		0 0		0	0 0		0	_	0 (0	0	0	-			
	4.7		0	0			0 (0 (0	0	0				0		0			0		0 (0		0 0		0	0 0	0	0	0	0 (0	0	0	0	0			
	4.8	H-		-	_			0 (0	0		-	0 (_		1	0	0			0 (0	0		0 0		0	0 0		0		0 (0	0	0				
	4.9 5.1		0	-				0 (0	0			0 0	_		0	0	0			0 0		0	0		0 0		0	0 0		0		0 0		0	0	0				
	5.2	-		-	-	-		0 (0	0		-	0 (_		0	0			_	0 (0	0		0 0		0	0 0		0	_	0 (0	0	0	-			
	5.3	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0	0	1 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0	0	0	0	0			
	5.4			-	-	-		0 (0	-		-	0 (_			0	0			1 (0		0 0		0	0 0		0		0 (0	0				
	5.5 5.6		0	-	_			0 (0 (0	0		-	0 (0	0			_	0 1		0	0		0 0		0	0 0		0		0 (0	0	0	-			
	5.7	H-		-	-	-		0 (0	0	0	-	0 (_		0	0	0		_	0 (1	0		0 0		0	0 0		0	_	0 (0	0	0	-			
	5.8	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 (0 0	0	1	0	0 0	0	0	0 0	0	0	0	0 (0 0	0	0	0	0			
	5.9		0		-	-	0 (0	0			0 (_		0	0	0			0 (0	_		0 0		0	0 0		0	_	0 (0	0	0	-			
	6.1	H-	0	-	-	0	0 (0 (0	0	0	0		0 (_		0	0	0			0 (0	0		0 1		0	0 0		0	_	0 (0 0	0	0	0				
	6.3	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0		0 (0 (0 0	0	0	0	0 0) 1	0	0 0	0	0	0	0 (0 0	0	0	0	0			
	6.4			-		-	0 (0	0			0 (_		0	0	0			0 (0	0		0 0		1	0 0		0	0	0 (0 0	0	0	0				
	6.6	H-	0	-	-	-	0 (0 (0 (0	0	0	0	0	0 (0 0		0	0	0		_	0 (0	0		0 0		0	0 1		0	0	0 (0	0	0	-			
	6.8	0		-	-			0 (0	0	0	0	-	0 (0	0	0		_	0 (0	0		0 0		0	0 0		0		0 (0	0	0	-			
	6.9	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	1	0	0 (0 0	0	0	0	0			
	7.1			0	-	_	0 (0 (0	0	0	0	-	0 0	0		0	0	0			0 (0	0		0 0		0	0 0				0 (0	0	0				
	7.2	0		_	_	_	_	0 (_		0	0	_		0 (_			0	0			0 (0		0 0	_	0	0 0		0		0 1			0	0	_			
	7.4																														0 0												
	7.5																														0 0												
	7.6																														0 0												
	7.8																														0 0												
x10	3	1	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0							
	4																														0 0												
	1.9	-																													0 0												
	2.1																														0 0												
	2.2	0	0	0	0	0	1 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0							
	2.3																														0 0												
	2.4																														0 0												
	2.7																														0 0												
	2.8																														0 0												
	2.9																														0 0												
	3.1																														0 0												
	3.3																														0 0												
	3.4																														0 0												
	3.5																														0 0												
	3.7																														0 0												
	3.8	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	1	0	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0							
	3.9	0	0	0	0	0	0 (0 (0 0	0	0	0	0	0	0 (0	0	0	0	1	0	0 (0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 (0 0							

		Class Level Information
Class		Design Variables
	4.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.2	
	5.3	
	5.4 5.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
x11	5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6	$\begin{smallmatrix} 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 &$
	7	
	2.3	
	3.3	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.6	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.9	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.1	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
	4.2	0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0
	4.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.6	0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
	4.7	
	4.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0
	4.9 5.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
	5.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
	5.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.3	
	7.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	8.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	8.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
x12	3	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5	
	2.9	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.1	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.4	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0

		T																			CI	ass	Leve			nation																			 	
Class	Value 3.5	0	0	0) () () (0	0	1	0	0 /	0 0	0	0	0	0	0	0	0	0	0	0 0			Vari			0	0	0	0	0 () ()										 	
	3.7		0									0 (0				0			0 (0	0	0	0		0 () ()											
	3.8	÷	0					_					0 0		0	0	0						0 0			_	0	0	0	0	0) (
	4.2	0	0									0 :	1 0 0 1		0	0	0						0 (0	0	0	0	0) (
	4.5		0) () (0 (0	0	0	0 (0 0) 1	0	0	0	0	0	0	0	0	0 () () 0) 0	0	0	0	0	0	0	0 () ()											
	4.6	0	0	0) C) () (0	0	0	0	0 (0 0	0	1	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0 () ()											
	4.7	-	0					_	-	-	_		0 0		0	0	0						0 0				0	0	0	0	0) (
	4.9	÷	0		_				-		_		0 0	_	0	0				-	-	_	0 (_		0	0	0	0	0		-) (
	5.1	0	0	0) C) () (0	0	0	0	0 (0 0	0	0	0	0	0	1	0	0	0	0 (0	0	0	0	0	0	0	0	0	0 () ()											
	5.2		0						-			0 (0	0	0				-	-	0 (_	_		0	0	0	0	0		-) (
	5.3 5.4	0	0			_		_	_	-			0 0 0 0	_	0	0	0	_	-	_		-	0 (_	_	_	0	0	0	0	0		-) (
	5.5	÷	0			_			-			0 (0	0	0						1 (0	0	0	0	0		-) (
	5.6	0	0	0	0) () (0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0 1	L C	0	0	0	0	0	0	0	0	0 () ()											
	5.7		0			_		_		-		0 (0	0	0						0 0	_			0	0	0	0	0) (
	5.8 5.9	ľ	0	_		_		_	_	-	_	0 (0 0	_	0	0	0		-	-	-	-	0 0	_			0	0	0	0	0	0	-) (
	6.3		0										0 0	0	0	0							0 (1	0	0	0	0	0) (
	6.4	H	0		_			_	-	-	_		0 0			0	_	_	_	-	-	-	0 (_	0	1	0	-	0) (
	6.6	0	0					_	_		_		0 0		0	0	0					_	0 0				0	0	0	0	0) (
	6.8	-	0						_				0 0		0	0	0					_	0 (0	0	0	0	1) (
	6.9	0	0	C) C) () (0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	1	0 () ()											
	7.1		0					_	-	-	_		0 0		0	0	0			-	-		0 0			_	0	0	0	0	0															
	7.8 8.2		0					_			_	0 (0 0 0 0		0	0	0						0 0				0	0	0	0	0) :												
x13	5) () () (0 (0	0	0	0 (0 0	0	0	0	0	0			0		0 (0	0	0	0	0) (0	0	0	0	0	0	0	0	0		
	6	0	1	C	0) () (0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	0	0	0		
	9	-	0		. (_		0 0		0	0	0						0 0				0	0	0	0	0		0 (0	0	0	0	0	0	0			
	3.7		0					_	-	-	_		0 0		0	0	0	_	_	-	-	-	0 (_	0	0	0	0	0		0 (0	0	0	0	0	0	0			
	3.8	0	0	0) C) () 1	1	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	0	0	0		
	4.4		0								_		0 0		0	0	0						0 (0	0	0	0	0		0 (0	0	0	0	0	0	0			
	4.5		0								_		0 0 0 0		0	0	0						0 (0	0	0	0	0		0 (0	0	0	0	0	0	0			
	4.7	0	0	0) C) () (0	0	0	0	1 (0 0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	0	0	0		
	4.8	0	0	0) C) () (0	0	0	0	0 :	1 0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	0	0	0		
	4.9 5.2	0	0					_	-	-	0 0	0 (0 1		0	0	0		-	-	-		0 0				0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0			
	5.3	0				_		_	_	-			0 0	_		0	0						0 (0	0	0	0	0		0 (0	0	0	0	0	0	0			
	5.4	0	0	0	0) () (0	0	0	0	0 (0 0	0	0	1	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	0	0 () (0	0	0	0	0	0	0	0	0	0		
	5.6	+																														0														
	5.8 5.9	-																														0														
	6.2	0	0	C	0) () (0	0	0	0	0 (0 0	0	0	0	0	0	0	1	0	0	0 (0	0	0	0	0	0	0	0	0	0 () (0 0	0	0	0	0	0	0	0	0	0		
	6.3																															0														
	6.6	+																														0														
	6.8																															0														
	6.9	+																														0														
	7.1																															0														
	7.2	-																														0														
	7.4	0	0	0) C) () (0	0	0	0	0 (o 0	0	0	0	0	0	0	0	0	0	0 () (0	0	0	1	0	0	0	0	0 () (0 0	0	0	0	0	0	0	0	0	0		
	7.6	-																														0														
	7.7 7.8	-																														0														
	7.9																															1														
	8.2	-																														0														
	8.3	+																														0														
	8.4 8.5	-																														0														
	8.7	-																														0														
	8.8	-																														0														
	9.1	+																														0														
	9.1																															0														
1	-									-					-	-		-				•	`				-	-	-	-		-	•			-	-	-	-	-	-	-	-	-		

6.	14.	Class Level Information
Class	Value	Design Variables
	9.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	9.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	9.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
x14	5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.1	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.3	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.5	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.7	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.8	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.9	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
	5.1	
	5.2	0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
	5.3 5.4	0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
	5.5	0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
	5.6	0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0
	5.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0
	5.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6.8	
	6.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	8.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
x15	3	$\begin{smallmatrix}1&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0$
	4	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	6	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 &$
	1.7	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 &$
	2.4	$\begin{smallmatrix}0&0&0&0&0&1&0&0&0&0&0&0&0&0&0&0&0&0&0&0$
	2.8	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 &$
	3.1	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 &$
	3.3	0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
	3.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.6	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	3.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	3.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.1	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	4.2	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	4.3	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	4.4	$\begin{smallmatrix}0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&$
	4.5 4.6	$\begin{smallmatrix}0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&$
	4.6	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	4.8	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	4.9	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	5.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5.3	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	5.4	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $
	5.5	$\begin{smallmatrix}0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&0&$
	5.7	$\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $

																					(Clas	s Le	vel	Info	rma	tion																								
Class	Value																							I	Desi	gn \	/aria	ble	S																						
	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Step 0. Intercept entered:

Model Convergence Status

Convergence criterion (GCONV=1E-8) satisfied.

-2 Log L = 133.750

	Analy	sis of Maxii	mum Likelih	ood Estimates	3
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	0.4473	0.2050	4.7601	0.0291

Residual C	Chi-So	uare Test								
Chi-Square	Chi-Square DF Pr > Chi									
100.0000	99	0.4530								

Analy	sis of	Effects Eligib	le for Entry
Effect	DF	Score Chi-Square	Pr > ChiSq
х5	1	6.6564	0.0099
x6	42	56.0740	0.0718
х7	26	45.0866	0.0115
х8	49	45.7055	0.6075
х9	44	43.6038	0.4885
x10	40	24.6983	0.9725
x11	41	67.7736	0.0053
x12	34	43.3002	0.1318
x13	44	68.8244	0.0098
x14	33	35.2969	0.3601
x15	49	48.5078	0.4930

Step 1. Effect x11 entered:

Model Convergence Status

Quasi-complete separation of data points detected.

Model Fit Statistics					
Criterion	Intercept Only	Intercept and Covariates			
AIC	135.750	127.911			
sc	138.355	237.328			
-2 Log L	133.750	43.911			

Testing Global Null Hypothesis: BETA=0						
Test	Chi-Square	DF	Pr > ChiSq			
Likelihood Ratio	89.8387	41	<.0001			
Score	67.7736	41	0.0053			
Wald	3.6833	41	1.0000			

Type 3 Analysis of Effects

Effect	DF	Wald Chi-Square	Pr > ChiSq
x11	41	3.6833	1.0000

Analysis of Maximum Likelihood Estimates									
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq			
Intercept		1	-12.2983	331.2	0.0014	0.9704			
x11	5	1	24.5718	568.9	0.0019	0.9655			
x11	6	1	2.49E-10	427.5	0.0000	1.0000			
x11	7	1	24.5718	465.4	0.0028	0.9579			
x11	2.3	1	24.5718	568.9	0.0019	0.9655			
x11	2.9	1	24.5718	568.9	0.0019	0.9655			
x11	3.3	1	24.5718	568.9	0.0019	0.9655			
x11	3.6	1	24.5718	568.9	0.0019	0.9655			
x11	3.9	1	24.5718	403.9	0.0037	0.9515			
x11	4.1	1	24.5718	465.4	0.0028	0.9579			
x11	4.2	1	24.5718	425.4	0.0033	0.9539			
x11	4.3	1	24.5718	465.4	0.0028	0.9579			
x11	4.4	1	24.5718	568.9	0.0019	0.9655			
x11	4.6	1	24.5718	403.9	0.0037	0.9515			
x11	4.7	1	13.9078	331.2	0.0018	0.9665			
x11	4.8	1	24.5718	568.9	0.0019	0.9655			
x11	4.9	1	24.5718	425.4	0.0033	0.9539			
x11	5.1	1	24.5718	465.4	0.0028	0.9579			
x11	5.3	1	24.5718	390.5	0.0040	0.9498			
x11	5.4	1	12.2983	331.2	0.0014	0.9704			
x11	5.5	1	24.5718	465.4	0.0028	0.9579			
x11	5.6	1	2.49E-10	573.6	0.0000	1.0000			
x11	5.7	1	24.5718	390.5	0.0040	0.9498			
x11	5.8	1	24.5718	568.9	0.0019	0.9655			
x11	5.9	1	11.6052	331.2	0.0012	0.9720			
x11	6.1	1	2.49E-10	468.3	0.0000	1.0000			
x11	6.2	1	2.49E-10	573.6	0.0000	1.0000			
x11	6.3	1	11.6052	331.2	0.0012	0.9720			
x11	6.4	1	11.6052	331.2	0.0012	0.9720			
x11	6.5	1	2.49E-10	468.3	0.0000	1.0000			
x11	6.6	1	2.49E-10	468.3	0.0000	1.0000			
x11	6.8	1	11.6052	331.2	0.0012	0.9720			
x11	6.9	1	2.49E-10	468.3	0.0000	1.0000			
x11	7.2	1	12.2983	331.2	0.0014	0.9704			
x11	7.3	1	12.2983	331.2	0.0014	0.9704			
x11	7.4	1	24.5718	568.9	0.0019	0.9655			
x11	7.5	1	12.2983	331.2	0.0014	0.9704			
x11	7.6	1	2.49E-10	468.3	0.0000	1.0000			
x11	7.7	1	12.2983	331.2	0.0014	0.9704			
x11	7.8	1	2.49E-10	468.3	0.0000	1.0000			
x11	7.9	1	2.49E-10	468.3	0.0000	1.0000			
x11	8.3	1	24.5718	568.9	0.0019	0.9655			
x11	8.4	0	0						

Odds Ratio Estimates						
Effect	Point Estimate	95% Wald Confidence Limi				
x11 5 vs 8.4	>999.999	<0.001	>999.99			
x11 6 vs 8.4	1.000	<0.001	>999.99			
x11 7 vs 8.4	>999.999	<0.001	>999.99			
x11 2.3 vs 8.4	>999.999	<0.001	>999.99			
x11 2.9 vs 8.4	>999.999	<0.001	>999.99			
x11 3.3 vs 8.4	>999.999	<0.001	>999.99			
x11 3.6 vs 8.4	>999.999	<0.001	>999.99			
x11 3.9 vs 8.4	>999.999	<0.001	>999.99			
x11 4.1 vs 8.4	>999.999	<0.001	>999.99			
x11 4.2 vs 8.4	>999.999	<0.001	>999.99			
x11 4.3 vs 8.4	>999.999	<0.001	>999.99			
x11 4.4 vs 8.4	>999.999	<0.001	>999.99			
x11 4.6 vs 8.4	>999.999	<0.001	>999.99			
x11 4.7 vs 8.4	>999.999	<0.001	>999.99			
x11 4.8 vs 8.4	>999.999	<0.001	>999.99			
x11 4.9 vs 8.4	>999.999	<0.001	>999.99			
x11 5.1 vs 8.4	>999.999	<0.001	>999.99			
x11 5.3 vs 8.4	>999.999	<0.001	>999.99			

Odds Ratio Estimates								
Effect	Point Estimate	95% Wald Confidence Limits						
x11 5.4 vs 8.4	>999.999	<0.001 >999.999						
x11 5.5 vs 8.4	>999.999	<0.001 >999.999						
x11 5.6 vs 8.4	1.000	<0.001 >999.999						
x11 5.7 vs 8.4	>999.999	<0.001 >999.999						
x11 5.8 vs 8.4	>999.999	<0.001 >999.999						
x11 5.9 vs 8.4	>999.999	<0.001 >999.999						
x11 6.1 vs 8.4	1.000	<0.001 >999.999						
x11 6.2 vs 8.4	1.000	<0.001 >999.999						
x11 6.3 vs 8.4	>999.999	<0.001 >999.999						
x11 6.4 vs 8.4	>999.999	<0.001 >999.999						
x11 6.5 vs 8.4	1.000	<0.001 >999.999						
x11 6.6 vs 8.4	1.000	<0.001 >999.999						
x11 6.8 vs 8.4	>999.999	<0.001 >999.999						
x11 6.9 vs 8.4	1.000	<0.001 >999.999						
x11 7.2 vs 8.4	>999.999	<0.001 >999.999						
x11 7.3 vs 8.4	>999.999	<0.001 >999.999						
x11 7.4 vs 8.4	>999.999	<0.001 >999.999						
x11 7.5 vs 8.4	>999.999	<0.001 >999.999						
x11 7.6 vs 8.4	1.000	<0.001 >999.999						
x11 7.7 vs 8.4	>999.999	<0.001 >999.999						
x11 7.8 vs 8.4	1.000	<0.001 >999.999						
x11 7.9 vs 8.4	1.000	<0.001 >999.999						
x11 8.3 vs 8.4	>999.999	<0.001 >999.999						

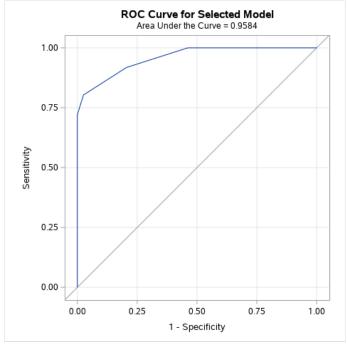
Association of Predicted F	robabilities	and Observed F	Responses
Percent Concordant	93.7	Somers' D	0.917
Percent Discordant	2.0	Gamma	0.959
Percent Tied	4.4	Tau-a	0.44
Pairs	2379	С	0.958

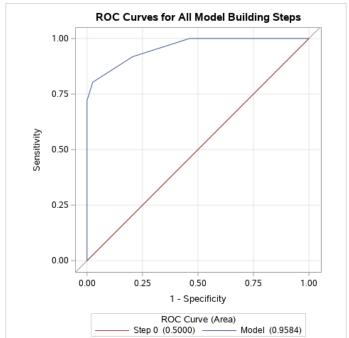
Residual Chi-Square Test					
Chi-Square	DF	Pr > ChiSq			
35.0003	58	0.9928			

Analysis of Effects Eligible for Entry							
Effect	DF	Score Chi-Square	Pr > ChiSq				
х5	1	0.6027	0.4376				
x6	33	33.0003	0.4672				
х7	21	32.6084	0.0507				
x8	47	32.7500	0.9431				
х9	39	34.9917	0.6533				
x10	38	29.8468	0.8248				
x12	27	23.7000	0.6469				
x13	30	33.0002	0.3225				
x14	31	28.0856	0.6167				
x15	46	34.9995	0.8815				

 $\textbf{Note:} \ \ \text{No (additional) effects met the 0.05 significance level for entry into the model.}$

Summary of Forward Selection								
Step Entered DF		Number Score In Chi-Square		Pr > ChiSq	Variable Label			
1	x11	41	1	67.7736	0.0053	x11		





				Classific	ation Tabl	е			
	Cor	rect	Inco	Incorrect		Per	Percentages		
Prob Level	Event	Non- Event	Event	Non- Event	Correct	Sensi- tivity	Speci- ficity	Pos Pred	Neg Pred
0.000	61	0	39	0	61.0	100.0	0.0	61.0	
0.020	61	21	18	0	82.0	100.0	53.8	77.2	100.0
0.040	61	21	18	0	82.0	100.0	53.8	77.2	100.0
0.060	61	21	18	0	82.0	100.0	53.8	77.2	100.0
0.080	61	21	18	0	82.0	100.0	53.8	77.2	100.0
0.100	61	21	18	0	82.0	100.0	53.8	77.2	100.0
0.120	55	21	18	6	76.0	90.2	53.8	75.3	77.8
0.140	55	21	18	6	76.0	90.2	53.8	75.3	77.8
0.160	55	21	18	6	76.0	90.2	53.8	75.3	77.8
0.180	55	21	18	6	76.0	90.2	53.8	75.3	77.8
0.200	55	21	18	6	76.0	90.2	53.8	75.3	77.8
0.220	53	21	18	8	74.0	86.9	53.8	74.6	72.4
0.240	53	21	18	8	74.0	86.9	53.8	74.6	72.4
0.260	53	21	18	8	74.0	86.9	53.8	74.6	72.4
0.280	53	21	18	8	74.0	86.9	53.8	74.6	72.4

Classification Table										
	Cor	rect	Inco	rrect	Percentages					
Prob Level	Event	Non- Event	Event	Non- Event	Correct	Sensi- tivity	Speci- ficity	Pos Pred	Neg Pred	
0.300	53	21	18	8	74.0	86.9	53.8	74.6	72.4	
0.320	53	21	18	8	74.0	86.9	53.8	74.6	72.4	
0.340	49	21	18	12	70.0	80.3	53.8	73.1	63.6	
0.360	49	21	18	12	70.0	80.3	53.8	73.1	63.6	
0.380	49	21	18	12	70.0	80.3	53.8	73.1	63.6	
0.400	49	21	18	12	70.0	80.3	53.8	73.1	63.6	
0.420	49	25	14	12	74.0	80.3	64.1	77.8	67.6	
0.440	49	25	14	12	74.0	80.3	64.1	77.8	67.6	
0.460	49	25	14	12	74.0	80.3	64.1	77.8	67.6	
0.480	49	25	14	12	74.0	80.3	64.1	77.8	67.6	
0.500	49	25	14	12	74.0	80.3	64.1	77.8	67.6	
0.520	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.540	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.560	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.580	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.600	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.620	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.640	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.660	49	31	8	12	80.0	80.3	79.5	86.0	72.1	
0.680	49	35	4	12	84.0	80.3	89.7	92.5	74.5	
0.700	49	35	4	12	84.0	80.3	89.7	92.5	74.5	
0.720	49	35	4	12	84.0	80.3	89.7	92.5	74.5	
0.740	49	35	4	12	84.0	80.3	89.7	92.5	74.5	
0.760	49	35	4	12	84.0	80.3	89.7	92.5	74.5	
0.780	49	35	4	12	84.0	80.3	89.7	92.5	74.5	
0.800	44	35	4	17	79.0	72.1	89.7	91.7	67.3	
0.820	44	35	4	17	79.0	72.1	89.7	91.7	67.3	
0.840	44	35	4	17	79.0	72.1	89.7	91.7	67.3	
0.860	44	35	4	17	79.0	72.1	89.7	91.7	67.3	
0.880	44	35	4	17	79.0	72.1	89.7	91.7	67.3	
0.900	44	38	1	17	82.0	72.1	97.4	97.8	69.1	
0.920	44	38	1	17	82.0	72.1	97.4	97.8	69.1	
0.940	44	38	1	17	82.0	72.1	97.4	97.8	69.1	
0.960	44	39	0	17	83.0	72.1	100.0	100.0	69.6	
0.980	44	39	0	17	83.0	72.1	100.0	100.0	69.6	
1.000	0	39	0	61	39.0	0.0	100.0		39.0	

