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

Number of Observations Read	100
Number of Observations Used	100

Response Profile		
Ordered Value	**x4**	**Total Frequency**
1	0	39
2	1	61

Probability modeled is x4='1'.

Backward Elimination Procedure

Class Level Information																																												
Class	**Value**	**Design Variables**																																										
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	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	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	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	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	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	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	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	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	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	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	0
	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	0
	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	0
	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	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	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	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	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	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	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	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	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	0	0	0	0	1	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	0	0	0	0	0	1	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	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	1	0	0	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	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	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	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	0
	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	0
	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	0
	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	0
	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	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	1	0	0	0	0	0
	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	0	1	0	0	0	0
	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
	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
	9.6	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	1	0
	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	0	1
x7	**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																
	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																
	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																
	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																
	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																
	2.6	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																
	2.7	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	Value	Design Variables																																																	
	2.8	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																							
	2.9	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																							
	3.2	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																							
	3.3	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																							
	3.4	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																							
	3.5	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																							
	3.6	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																							
	3.7	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																							
	3.8	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																							
	3.9	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																							
	4.1	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																							
	4.2	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																							
	4.3	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																							
	4.5	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																							
	4.8	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																							
	4.9	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																							
	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	1	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	0	0	0	0	1	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	0	0	0	0	1	0																							
	5.7	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	1																							
x8	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	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	0	0	0	0	0	0	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	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	0	0	0	0	0
	7	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	0	0	0	0	0
	8	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	0	0	0	0	0	0	0	0
	1.3	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	0	0	0	0	0	0	0
	2.5	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	0	0	0	0	0	0	0
	2.6	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	0	0	0	0	0	0	0
	2.7	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	0	0	0	0	0	0
	3.1	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	0	0	0	0	0	0	0	0	0
	3.3	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	0	0	0	0	0	0	0	0
	3.5	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	0	0	0	0	0	0	0
	3.6	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	0	0	0	0	0	0	0
	3.7	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	0	0	0	0	0	0
	3.8	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	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	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
	4.1	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	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	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
	4.4	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	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	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
	4.7	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	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	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
	4.9	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	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	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
	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
	5.3	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	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
	5.4	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	1	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	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
	5.6	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	1	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	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
	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	1	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	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
	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	1	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	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
	6.3	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	1	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	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
	6.5	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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	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	1	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	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
	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	1	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	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
	7.3	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	0	0	0	0	0	1	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	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
	7.5	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	1	0	0	0	0	0
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	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	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

Class Level Information

Class	Value	Design Variables																																																	
	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
x9	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	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	0	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	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					
	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	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					
	2.6	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	0	0					
	3.2	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3.5	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	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	0					
	3.7	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	0	0	0	0					
	3.9	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	0	0	0					
	4.1	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	0	0					
	4.2	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	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	0					
	4.4	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	0	0	0					
	4.5	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	0	0	0	0					
	4.6	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	0	0	0					
	4.7	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	0	0	0	0					
	4.8	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	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	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					
	5.1	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	0	0					
	5.2	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	0					
	5.3	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	0	0	0					
	5.4	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	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	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					
	5.6	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	1	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	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					
	5.8	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	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	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					
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	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	1	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	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	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	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	1	0	0	0	0	0	0	0	0	0	0					
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	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	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	1	0	0	0	0	0	0	0					
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	7.3	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	0	0	1	0	0	0	0	0					
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	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	1	0	0	0					
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	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	1	0					
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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	0									
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	5	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									
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	2.1	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									
	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	0									
	2.3	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									
	2.4	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									
	2.6	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									
	2.7	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									
	2.8	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									
	2.9	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									
	3.1	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									
	3.2	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									
	3.3	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									
	3.4	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									
	3.5	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									
	3.6	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									
	3.7	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									
	3.8	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									
	3.9	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									
	4.1	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									
	4.2	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									

Class Level Information

Class	Value	Design Variables																																							
	4.3	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	
	4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	1	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	0	0	0	0	0	0	1	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	0	1	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	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	1	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	0	0	0	0	1	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	0	0	0	1	
x11	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	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	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	0
	2.3	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
	2.9	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	0
	3.3	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
	3.6	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
	3.9	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
	4.1	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
	4.2	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	0
	4.3	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
	4.4	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
	4.6	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
	4.7	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
	4.8	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
	4.9	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	0
	5.1	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
	5.3	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	0
	5.4	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	0
	5.5	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
	5.6	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
	5.7	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
	5.8	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
	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	1	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	0	0	0	0	1	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	0	0	0	0	0	1	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	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	1	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	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	1	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	1
x12	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							
	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	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	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							
	2.9	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							
	3.1	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							
	3.4	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							
	3.5	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							
	3.7	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							

Class Level Information

Class	Value	Design Variables																																												
	3.8	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										
	4.2	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										
	4.3	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										
	4.5	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										
	4.6	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										
	4.7	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										
	4.8	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										
	4.9	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										
	5.1	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										
	5.2	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										
	5.3	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										
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	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	1	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	1	0	0	0	0	0	0	0	0										
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	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	1	0	0										
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	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	0	0	0	0	0	1										
x13	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	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	0	0	0	0
	8	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	0
	9	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
	3.7	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	0	0	0
	3.8	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	0	0
	4.4	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	0	0
	4.5	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	0	0
	4.6	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	0
	4.7	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	0	0	0	0
	4.8	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	0	0	0
	4.9	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	0	0
	5.2	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	0	0
	5.3	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	0
	5.4	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	0	0	0
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	6.7	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	0
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	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	1	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	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7.2	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	1	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	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
	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	1	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	0	0	0	0	1	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	0	0	0	0	1	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	0	0	0	0	1	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	0	0	0	0	1	0	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	0	0	0	1	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	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
	8.4	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	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	0	0	0	1	0	0	0	0	0	0	0	0	0
	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	0	0	1	0	0	0	0	0	0	0	0
	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	0	0	1	0	0	0	0	0	0	0
	8.9	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	1	0	0	0	0	0	0
	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	0	0	0	1	0	0	0	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	1	0	0	0	0
	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	0	0	0	0	1	0	0	0
	9.6	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	1	0	0

Class Level Information

Class	Value	Design Variables																																																	
	9.7	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	1	0					
	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	0	0	0	1					
x14	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																
	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																
	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																
	4.1	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																
	4.3	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																
	4.5	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																
	4.7	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																
	4.8	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																
	4.9	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																
	5.1	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																
	5.2	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																
	5.3	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	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																
	5.5	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																
	5.6	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																
	5.7	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																
	5.8	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	1	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	1	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	1	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	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	0	0	0	0	0	0	0	0	0	1	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	1	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	1	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	1	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	1	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	1	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	1	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	1	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	0	0	0	0	0	0	0	0	0	1	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	1	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	1	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	1	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	0	0	0	0	0	1																
x15	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	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	0	0	0	0	0	0	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	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	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	0	0	0	0	0
	7	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	0	0	0	0	0	0	0	0
	1.7	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	0	0	0	0	0	0	0
	2.4	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	0	0	0	0	0	0	0
	2.5	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	0	0	0	0	0	0	0
	2.8	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	0	0	0	0	0	0
	3.1	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	0	0	0	0	0	0	0	0	0
	3.3	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	0	0	0	0	0	0	0	0
	3.5	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	0	0	0	0	0	0	0
	3.6	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	0	0	0	0	0	0	0
	3.7	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	0	0	0	0	0	0
	3.8	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	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	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
	4.1	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	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	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
	4.3	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	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	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
	4.5	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	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	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
	4.7	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	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	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
	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
	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	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	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
	5.3	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	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	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	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	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
	5.7	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	1	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	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

Class Level Information

Class	Value	Design Variables																																																	
	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. The following effects were entered:

Intercept x6 x7 x8 x9 x10 x11 x12 x13 x14 x15

Model Convergence Status
Complete separation of data points detected.

Model Fit Statistics

Criterion	Intercept Only	Intercept and Covariates
AIC	135.750	200.019
SC	138.355	460.536
-2 Log L	133.750	0.019

Testing Global Null Hypothesis: BETA=0

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	133.7310	99	0.0115
Score	100.0000	99	0.4530
Wald	0.7586	99	1.0000

Type 3 Analysis of Effects

Effect	DF	Wald Chi-Square	Pr > ChiSq
x6	0	.	.
x7	0	.	.
x8	0	.	.
x9	0	.	.
x10	0	.	.
x11	0	.	.
x12	0	.	.
x13	0	.	.
x14	0	.	.
x15	0	.	.

Analysis of Maximum Likelihood Estimates

Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	83.5594	742.1	0.0127	0.9104
x6	5	1	-74.2861	623.6	0.0142	0.9052
x6	6	1	-74.2861	791.5	0.0088	0.9252
x6	7	1	-37.1431	464.5	0.0064	0.9363
x6	8	1	-18.5715	293.3	0.0040	0.9495
x6	9	1	-18.5715	442.4	0.0018	0.9665
x6	10	1	-55.7146	440.6	0.0160	0.8994
x6	5.1	1	-37.1431	508.8	0.0053	0.9418
x6	5.2	1	-74.2861	569.1	0.0170	0.8961
x6	5.5	1	-74.2861	734.9	0.0102	0.9195
x6	5.6	1	37.1431	624.4	0.0035	0.9526
x6	5.7	1	-74.2861	529.8	0.0197	0.8885
x6	5.8	1	-18.5715	328.4	0.0032	0.9549
x6	5.9	1	-74.2861	844.2	0.0077	0.9299
x6	6.1	1	-74.2861	763.4	0.0095	0.9225
x6	6.2	1	-18.5715	389.3	0.0023	0.9619

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x6	6.3	1	-111.4	1070.1	0.0108	0.9171
x6	6.4	1	-37.1431	440.9	0.0071	0.9329
x6	6.5	1	3.33E-12	254.9	0.0000	1.0000
x6	6.6	1	-74.2861	623.6	0.0142	0.9052
x6	6.7	1	-55.7146	487.1	0.0131	0.9089
x6	6.9	1	-37.1431	466.8	0.0063	0.9366
x6	7.1	1	-18.5715	417.0	0.0020	0.9645
x6	7.4	1	-204.3	1623.5	0.0158	0.8999
x6	7.5	1	-74.2861	705.0	0.0111	0.9161
x6	7.6	1	-74.2861	606.2	0.0150	0.9025
x6	7.7	1	-92.8576	735.1	0.0160	0.8995
x6	7.8	1	-74.2861	749.3	0.0098	0.9210
x6	7.9	1	18.5715	146.9	0.0160	0.8994
x6	8.1	1	18.5715	530.1	0.0012	0.9721
x6	8.2	1	-74.2861	623.6	0.0142	0.9052
x6	8.3	1	-18.5715	590.5	0.0010	0.9749
x6	8.4	1	-74.2861	569.1	0.0170	0.8961
x6	8.5	1	-328E-14	209.0	0.0000	1.0000
x6	8.6	1	-92.8576	623.8	0.0222	0.8817
x6	8.7	1	-55.7146	464.2	0.0144	0.9045
x6	8.8	1	-18.5715	466.5	0.0016	0.9682
x6	9.1	1	-92.8576	704.8	0.0174	0.8952
x6	9.2	1	-18.5715	390.7	0.0023	0.9621
x6	9.3	1	-92.8576	569.3	0.0266	0.8704
x6	9.4	1	-111.4	818.3	0.0185	0.8917
x6	9.5	1	-92.8576	778.1	0.0142	0.9050
x6	9.6	1	-74.2861	763.7	0.0095	0.9225
x6	9.9	0	0	.	.	.
x7	3	1	-92.8576	749.5	0.0154	0.9014
x7	4	1	-286E-13	388.9	0.0000	1.0000
x7	2.2	1	18.5715	292.4	0.0040	0.9494
x7	2.4	1	-167.1	1859.6	0.0081	0.9284
x7	2.5	1	-92.8576	1090.7	0.0072	0.9322
x7	2.6	0	0	.	.	.
x7	2.7	1	37.1431	509.3	0.0053	0.9419
x7	2.8	1	-74.2861	805.5	0.0085	0.9265
x7	2.9	1	-195E-13	360.5	0.0000	1.0000
x7	3.2	1	-37.1431	416.1	0.0080	0.9289
x7	3.3	1	-55.7146	749.8	0.0055	0.9408
x7	3.4	1	-55.7146	805.3	0.0048	0.9448
x7	3.5	1	-309E-13	529.8	0.0000	1.0000
x7	3.6	1	-195E-13	328.8	0.0000	1.0000
x7	3.7	1	-18.5715	415.7	0.0020	0.9644
x7	3.8	1	-301E-13	440.9	0.0000	1.0000
x7	3.9	1	-74.2861	763.7	0.0095	0.9225
x7	4.1	1	-478E-16	207.7	0.0000	1.0000
x7	4.2	1	-55.7146	790.6	0.0050	0.9438
x7	4.3	1	-37.1431	705.0	0.0028	0.9580
x7	4.5	1	18.5715	360.9	0.0026	0.9590
x7	4.8	1	-195E-13	360.5	0.0000	1.0000
x7	4.9	0	0	.	.	.
x7	5.1	1	-312E-13	488.0	0.0000	1.0000
x7	5.5	0	0	.	.	.
x7	5.6	0	0	.	.	.
x7	5.7	0	0	.	.	.
x8	3	1	6.45E-14	146.0	0.0000	1.0000
x8	4	1	-737E-15	256.0	0.0000	1.0000
x8	5	1	-18.5715	690.7	0.0007	0.9785
x8	7	1	18.5715	360.1	0.0027	0.9589
x8	8	1	-305E-14	207.7	0.0000	1.0000
x8	1.3	0	0	.	.	.
x8	2.5	1	-251E-16	207.7	0.0000	1.0000
x8	2.6	1	185.7	1623.3	0.0131	0.9089
x8	2.7	1	-37.1431	328.0	0.0128	0.9098
x8	3.1	0	0	.	.	.
x8	3.3	1	-814E-15	256.0	0.0000	1.0000
x8	3.5	1	-351E-16	207.7	0.0000	1.0000
x8	3.6	1	-359E-14	294.7	0.0000	1.0000

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x8	3.7	1	-55.7146	464.7	0.0144	0.9046
x8	3.8	1	-223E-14	294.7	0.0000	1.0000
x8	3.9	0	0	.	.	.
x8	4.1	1	-221E-14	328.8	0.0000	1.0000
x8	4.3	1	-37.1431	294.7	0.0159	0.8997
x8	4.4	0	0	.	.	.
x8	4.6	1	5.12E-13	209.0	0.0000	1.0000
x8	4.7	1	18.5715	389.3	0.0023	0.9619
x8	4.8	1	130.0	1166.9	0.0124	0.9113
x8	4.9	0	0	.	.	.
x8	5.1	1	-55.7146	440.6	0.0160	0.8994
x8	5.2	1	-18.5715	146.9	0.0160	0.8994
x8	5.3	1	-117E-16	147.8	0.0000	1.0000
x8	5.4	1	18.5715	253.3	0.0054	0.9416
x8	5.5	1	9.07E-12	207.7	0.0000	1.0000
x8	5.6	0	0	.	.	.
x8	5.7	1	3.22E-12	147.8	0.0000	1.0000
x8	5.8	0	0	.	.	.
x8	5.9	1	-18.5715	208.4	0.0079	0.9290
x8	6.1	1	-222E-14	256.0	0.0000	1.0000
x8	6.2	0	0	.	.	.
x8	6.3	1	1.05E-13	206.4	0.0000	1.0000
x8	6.4	1	-798E-15	256.0	0.0000	1.0000
x8	6.5	0	0	.	.	.
x8	6.6	1	-37.1431	328.0	0.0128	0.9098
x8	6.7	1	-301E-14	146.0	0.0000	1.0000
x8	6.8	1	-247E-16	147.8	0.0000	1.0000
x8	7.1	0	0	.	.	.
x8	7.2	1	3.29E-12	209.0	0.0000	1.0000
x8	7.3	1	-669E-15	295.6	0.0000	1.0000
x8	7.4	0	0	.	.	.
x8	7.5	1	-55.7146	487.1	0.0131	0.9089
x8	7.6	0	0	.	.	.
x8	7.7	0	0	.	.	.
x8	7.9	0	0	.	.	.
x8	8.4	1	-785E-15	256.0	0.0000	1.0000
x8	8.5	0	0	.	.	.
x9	3	0	0	.	.	.
x9	4	0	0	.	.	.
x9	5	0	0	.	.	.
x9	6	0	0	.	.	.
x9	7	0	0	.	.	.
x9	2.6	0	0	.	.	.
x9	3.2	0	0	.	.	.
x9	3.5	0	0	.	.	.
x9	3.6	0	0	.	.	.
x9	3.7	0	0	.	.	.
x9	3.9	0	0	.	.	.
x9	4.1	0	0	.	.	.
x9	4.2	0	0	.	.	.
x9	4.3	0	0	.	.	.
x9	4.4	0	0	.	.	.
x9	4.5	0	0	.	.	.
x9	4.6	0	0	.	.	.
x9	4.7	0	0	.	.	.
x9	4.8	0	0	.	.	.
x9	4.9	0	0	.	.	.
x9	5.1	0	0	.	.	.
x9	5.2	0	0	.	.	.
x9	5.3	0	0	.	.	.
x9	5.4	0	0	.	.	.
x9	5.5	0	0	.	.	.
x9	5.6	0	0	.	.	.
x9	5.7	0	0	.	.	.
x9	5.8	0	0	.	.	.
x9	5.9	0	0	.	.	.
x9	6.1	0	0	.	.	.
x9	6.2	0	0	.	.	.

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x9	6.3	0	0	.	.	.
x9	6.4	0	0	.	.	.
x9	6.6	0	0	.	.	.
x9	6.7	0	0	.	.	.
x9	6.8	0	0	.	.	.
x9	6.9	0	0	.	.	.
x9	7.1	0	0	.	.	.
x9	7.2	0	0	.	.	.
x9	7.3	0	0	.	.	.
x9	7.4	0	0	.	.	.
x9	7.5	0	0	.	.	.
x9	7.6	0	0	.	.	.
x9	7.7	0	0	.	.	.
x9	7.8	0	0	.	.	.
x10	3	0	0	.	.	.
x10	4	0	0	.	.	.
x10	5	0	0	.	.	.
x10	1.9	0	0	.	.	.
x10	2.1	0	0	.	.	.
x10	2.2	0	0	.	.	.
x10	2.3	0	0	.	.	.
x10	2.4	0	0	.	.	.
x10	2.6	0	0	.	.	.
x10	2.7	0	0	.	.	.
x10	2.8	0	0	.	.	.
x10	2.9	0	0	.	.	.
x10	3.1	0	0	.	.	.
x10	3.2	0	0	.	.	.
x10	3.3	0	0	.	.	.
x10	3.4	0	0	.	.	.
x10	3.5	0	0	.	.	.
x10	3.6	0	0	.	.	.
x10	3.7	0	0	.	.	.
x10	3.8	0	0	.	.	.
x10	3.9	0	0	.	.	.
x10	4.1	0	0	.	.	.
x10	4.2	0	0	.	.	.
x10	4.3	0	0	.	.	.
x10	4.4	0	0	.	.	.
x10	4.5	0	0	.	.	.
x10	4.6	0	0	.	.	.
x10	4.7	0	0	.	.	.
x10	4.8	0	0	.	.	.
x10	4.9	0	0	.	.	.
x10	5.1	0	0	.	.	.
x10	5.2	0	0	.	.	.
x10	5.3	0	0	.	.	.
x10	5.4	0	0	.	.	.
x10	5.5	0	0	.	.	.
x10	5.6	0	0	.	.	.
x10	5.7	0	0	.	.	.
x10	5.8	0	0	.	.	.
x10	5.9	0	0	.	.	.
x10	6.3	0	0	.	.	.
x10	6.5	0	0	.	.	.
x11	5	0	0	.	.	.
x11	6	0	0	.	.	.
x11	7	0	0	.	.	.
x11	2.3	0	0	.	.	.
x11	2.9	0	0	.	.	.
x11	3.3	0	0	.	.	.
x11	3.6	0	0	.	.	.
x11	3.9	0	0	.	.	.
x11	4.1	0	0	.	.	.
x11	4.2	0	0	.	.	.
x11	4.3	0	0	.	.	.
x11	4.4	0	0	.	.	.
x11	4.6	0	0	.	.	.

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x11	4.7	0	0	.	.	.
x11	4.8	0	0	.	.	.
x11	4.9	0	0	.	.	.
x11	5.1	0	0	.	.	.
x11	5.3	0	0	.	.	.
x11	5.4	0	0	.	.	.
x11	5.5	0	0	.	.	.
x11	5.6	0	0	.	.	.
x11	5.7	0	0	.	.	.
x11	5.8	0	0	.	.	.
x11	5.9	0	0	.	.	.
x11	6.1	0	0	.	.	.
x11	6.2	0	0	.	.	.
x11	6.3	0	0	.	.	.
x11	6.4	0	0	.	.	.
x11	6.5	0	0	.	.	.
x11	6.6	0	0	.	.	.
x11	6.8	0	0	.	.	.
x11	6.9	0	0	.	.	.
x11	7.2	0	0	.	.	.
x11	7.3	0	0	.	.	.
x11	7.4	0	0	.	.	.
x11	7.5	0	0	.	.	.
x11	7.6	0	0	.	.	.
x11	7.7	0	0	.	.	.
x11	7.8	0	0	.	.	.
x11	7.9	0	0	.	.	.
x11	8.3	0	0	.	.	.
x11	8.4	0	0	.	.	.
x12	3	0	0	.	.	.
x12	4	0	0	.	.	.
x12	5	0	0	.	.	.
x12	6	0	0	.	.	.
x12	2.9	0	0	.	.	.
x12	3.1	0	0	.	.	.
x12	3.4	0	0	.	.	.
x12	3.5	0	0	.	.	.
x12	3.7	0	0	.	.	.
x12	3.8	0	0	.	.	.
x12	4.2	0	0	.	.	.
x12	4.3	0	0	.	.	.
x12	4.5	0	0	.	.	.
x12	4.6	0	0	.	.	.
x12	4.7	0	0	.	.	.
x12	4.8	0	0	.	.	.
x12	4.9	0	0	.	.	.
x12	5.1	0	0	.	.	.
x12	5.2	0	0	.	.	.
x12	5.3	0	0	.	.	.
x12	5.4	0	0	.	.	.
x12	5.5	0	0	.	.	.
x12	5.6	0	0	.	.	.
x12	5.7	0	0	.	.	.
x12	5.8	0	0	.	.	.
x12	5.9	0	0	.	.	.
x12	6.3	0	0	.	.	.
x12	6.4	0	0	.	.	.
x12	6.6	0	0	.	.	.
x12	6.7	0	0	.	.	.
x12	6.8	0	0	.	.	.
x12	6.9	0	0	.	.	.
x12	7.1	0	0	.	.	.
x12	7.8	0	0	.	.	.
x12	8.2	0	0	.	.	.
x13	5	0	0	.	.	.
x13	6	0	0	.	.	.
x13	8	0	0	.	.	.
x13	9	0	0	.	.	.

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x13	3.7	0	0	.	.	.
x13	3.8	0	0	.	.	.
x13	4.4	0	0	.	.	.
x13	4.5	0	0	.	.	.
x13	4.6	0	0	.	.	.
x13	4.7	0	0	.	.	.
x13	4.8	0	0	.	.	.
x13	4.9	0	0	.	.	.
x13	5.2	0	0	.	.	.
x13	5.3	0	0	.	.	.
x13	5.4	0	0	.	.	.
x13	5.6	0	0	.	.	.
x13	5.8	0	0	.	.	.
x13	5.9	0	0	.	.	.
x13	6.2	0	0	.	.	.
x13	6.3	0	0	.	.	.
x13	6.6	0	0	.	.	.
x13	6.7	0	0	.	.	.
x13	6.8	0	0	.	.	.
x13	6.9	0	0	.	.	.
x13	7.1	0	0	.	.	.
x13	7.2	0	0	.	.	.
x13	7.3	0	0	.	.	.
x13	7.4	0	0	.	.	.
x13	7.6	0	0	.	.	.
x13	7.7	0	0	.	.	.
x13	7.8	0	0	.	.	.
x13	7.9	0	0	.	.	.
x13	8.2	0	0	.	.	.
x13	8.3	0	0	.	.	.
x13	8.4	0	0	.	.	.
x13	8.5	0	0	.	.	.
x13	8.7	0	0	.	.	.
x13	8.8	0	0	.	.	.
x13	8.9	0	0	.	.	.
x13	9.1	0	0	.	.	.
x13	9.2	0	0	.	.	.
x13	9.3	0	0	.	.	.
x13	9.6	0	0	.	.	.
x13	9.7	0	0	.	.	.
x13	9.9	0	0	.	.	.
x14	5	0	0	.	.	.
x14	6	0	0	.	.	.
x14	7	0	0	.	.	.
x14	4.1	0	0	.	.	.
x14	4.3	0	0	.	.	.
x14	4.5	0	0	.	.	.
x14	4.7	0	0	.	.	.
x14	4.8	0	0	.	.	.
x14	4.9	0	0	.	.	.
x14	5.1	0	0	.	.	.
x14	5.2	0	0	.	.	.
x14	5.3	0	0	.	.	.
x14	5.4	0	0	.	.	.
x14	5.5	0	0	.	.	.
x14	5.6	0	0	.	.	.
x14	5.7	0	0	.	.	.
x14	5.8	0	0	.	.	.
x14	5.9	0	0	.	.	.
x14	6.1	0	0	.	.	.
x14	6.2	0	0	.	.	.
x14	6.3	0	0	.	.	.
x14	6.4	0	0	.	.	.
x14	6.5	0	0	.	.	.
x14	6.6	0	0	.	.	.
x14	6.7	0	0	.	.	.
x14	6.8	0	0	.	.	.
x14	6.9	0	0	.	.	.

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x14	7.1	0	0	.	.	.
x14	7.2	0	0	.	.	.
x14	7.3	0	0	.	.	.
x14	7.4	0	0	.	.	.
x14	7.5	0	0	.	.	.
x14	7.7	0	0	.	.	.
x14	8.1	0	0	.	.	.
x15	3	0	0	.	.	.
x15	4	0	0	.	.	.
x15	5	0	0	.	.	.
x15	6	0	0	.	.	.
x15	7	0	0	.	.	.
x15	1.7	0	0	.	.	.
x15	2.4	0	0	.	.	.
x15	2.5	0	0	.	.	.
x15	2.8	0	0	.	.	.
x15	3.1	0	0	.	.	.
x15	3.3	0	0	.	.	.
x15	3.5	0	0	.	.	.
x15	3.6	0	0	.	.	.
x15	3.7	0	0	.	.	.
x15	3.8	0	0	.	.	.
x15	3.9	0	0	.	.	.
x15	4.1	0	0	.	.	.
x15	4.2	0	0	.	.	.
x15	4.3	0	0	.	.	.
x15	4.4	0	0	.	.	.
x15	4.5	0	0	.	.	.
x15	4.6	0	0	.	.	.
x15	4.7	0	0	.	.	.
x15	4.8	0	0	.	.	.
x15	4.9	0	0	.	.	.
x15	5.1	0	0	.	.	.
x15	5.2	0	0	.	.	.
x15	5.3	0	0	.	.	.
x15	5.4	0	0	.	.	.
x15	5.5	0	0	.	.	.
x15	5.7	0	0	.	.	.
x15	5.8	0	0	.	.	.
x15	5.9	0	0	.	.	.
x15	6.1	0	0	.	.	.
x15	6.2	0	0	.	.	.
x15	6.3	0	0	.	.	.
x15	6.4	0	0	.	.	.
x15	6.5	0	0	.	.	.
x15	6.6	0	0	.	.	.
x15	6.7	0	0	.	.	.
x15	6.8	0	0	.	.	.
x15	6.9	0	0	.	.	.
x15	7.1	0	0	.	.	.
x15	7.2	0	0	.	.	.
x15	7.4	0	0	.	.	.
x15	7.5	0	0	.	.	.
x15	7.6	0	0	.	.	.
x15	7.7	0	0	.	.	.
x15	9.2	0	0	.	.	.
x15	9.5	0	0	.	.	.

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
x6 5 vs 9.9	<0.001	<0.001	>999.999
x6 6 vs 9.9	<0.001	<0.001	>999.999
x6 7 vs 9.9	<0.001	<0.001	>999.999
x6 8 vs 9.9	<0.001	<0.001	>999.999
x6 9 vs 9.9	<0.001	<0.001	>999.999
x6 10 vs 9.9	<0.001	<0.001	>999.999
x6 5.1 vs 9.9	<0.001	<0.001	>999.999

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
x6 5.2 vs 9.9	<0.001	<0.001	>999.999
x6 5.5 vs 9.9	<0.001	<0.001	>999.999
x6 5.6 vs 9.9	>999.999	<0.001	>999.999
x6 5.7 vs 9.9	<0.001	<0.001	>999.999
x6 5.8 vs 9.9	<0.001	<0.001	>999.999
x6 5.9 vs 9.9	<0.001	<0.001	>999.999
x6 6.1 vs 9.9	<0.001	<0.001	>999.999
x6 6.2 vs 9.9	<0.001	<0.001	>999.999
x6 6.3 vs 9.9	<0.001	<0.001	>999.999
x6 6.4 vs 9.9	<0.001	<0.001	>999.999
x6 6.5 vs 9.9	1.000	<0.001	>999.999
x6 6.6 vs 9.9	<0.001	<0.001	>999.999
x6 6.7 vs 9.9	<0.001	<0.001	>999.999
x6 6.9 vs 9.9	<0.001	<0.001	>999.999
x6 7.1 vs 9.9	<0.001	<0.001	>999.999
x6 7.4 vs 9.9	<0.001	<0.001	>999.999
x6 7.5 vs 9.9	<0.001	<0.001	>999.999
x6 7.6 vs 9.9	<0.001	<0.001	>999.999
x6 7.7 vs 9.9	<0.001	<0.001	>999.999
x6 7.8 vs 9.9	<0.001	<0.001	>999.999
x6 7.9 vs 9.9	>999.999	<0.001	>999.999
x6 8.1 vs 9.9	>999.999	<0.001	>999.999
x6 8.2 vs 9.9	<0.001	<0.001	>999.999
x6 8.3 vs 9.9	<0.001	<0.001	>999.999
x6 8.4 vs 9.9	<0.001	<0.001	>999.999
x6 8.5 vs 9.9	1.000	<0.001	>999.999
x6 8.6 vs 9.9	<0.001	<0.001	>999.999
x6 8.7 vs 9.9	<0.001	<0.001	>999.999
x6 8.8 vs 9.9	<0.001	<0.001	>999.999
x6 9.1 vs 9.9	<0.001	<0.001	>999.999
x6 9.2 vs 9.9	<0.001	<0.001	>999.999
x6 9.3 vs 9.9	<0.001	<0.001	>999.999
x6 9.4 vs 9.9	<0.001	<0.001	>999.999
x6 9.5 vs 9.9	<0.001	<0.001	>999.999
x6 9.6 vs 9.9	<0.001	<0.001	>999.999
x7 3 vs 5.7	<0.001	<0.001	>999.999
x7 4 vs 5.7	1.000	<0.001	>999.999
x7 2.2 vs 5.7	>999.999	<0.001	>999.999
x7 2.4 vs 5.7	<0.001	<0.001	>999.999
x7 2.5 vs 5.7	<0.001	<0.001	>999.999
x7 2.7 vs 5.7	>999.999	<0.001	>999.999
x7 2.8 vs 5.7	<0.001	<0.001	>999.999
x7 2.9 vs 5.7	1.000	<0.001	>999.999
x7 3.2 vs 5.7	<0.001	<0.001	>999.999
x7 3.3 vs 5.7	<0.001	<0.001	>999.999
x7 3.4 vs 5.7	<0.001	<0.001	>999.999
x7 3.5 vs 5.7	1.000	<0.001	>999.999
x7 3.6 vs 5.7	1.000	<0.001	>999.999
x7 3.7 vs 5.7	<0.001	<0.001	>999.999
x7 3.8 vs 5.7	1.000	<0.001	>999.999
x7 3.9 vs 5.7	<0.001	<0.001	>999.999
x7 4.1 vs 5.7	1.000	<0.001	>999.999
x7 4.2 vs 5.7	<0.001	<0.001	>999.999
x7 4.3 vs 5.7	<0.001	<0.001	>999.999
x7 4.5 vs 5.7	>999.999	<0.001	>999.999
x7 4.8 vs 5.7	1.000	<0.001	>999.999
x7 5.1 vs 5.7	1.000	<0.001	>999.999
x8 3 vs 8.5	1.000	<0.001	>999.999
x8 4 vs 8.5	1.000	<0.001	>999.999
x8 5 vs 8.5	<0.001	<0.001	>999.999
x8 7 vs 8.5	>999.999	<0.001	>999.999
x8 8 vs 8.5	1.000	<0.001	>999.999
x8 2.5 vs 8.5	1.000	<0.001	>999.999
x8 2.6 vs 8.5	>999.999	<0.001	>999.999
x8 2.7 vs 8.5	<0.001	<0.001	>999.999
x8 3.3 vs 8.5	1.000	<0.001	>999.999
x8 3.5 vs 8.5	1.000	<0.001	>999.999
x8 3.6 vs 8.5	1.000	<0.001	>999.999

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
x8 3.7 vs 8.5	<0.001	<0.001	>999.999
x8 3.8 vs 8.5	1.000	<0.001	>999.999
x8 4.1 vs 8.5	1.000	<0.001	>999.999
x8 4.3 vs 8.5	<0.001	<0.001	>999.999
x8 4.6 vs 8.5	1.000	<0.001	>999.999
x8 4.7 vs 8.5	>999.999	<0.001	>999.999
x8 4.8 vs 8.5	>999.999	<0.001	>999.999
x8 5.1 vs 8.5	<0.001	<0.001	>999.999
x8 5.2 vs 8.5	<0.001	<0.001	>999.999
x8 5.3 vs 8.5	1.000	<0.001	>999.999
x8 5.4 vs 8.5	>999.999	<0.001	>999.999
x8 5.5 vs 8.5	1.000	<0.001	>999.999
x8 5.7 vs 8.5	1.000	<0.001	>999.999
x8 5.9 vs 8.5	<0.001	<0.001	>999.999
x8 6.1 vs 8.5	1.000	<0.001	>999.999
x8 6.3 vs 8.5	1.000	<0.001	>999.999
x8 6.4 vs 8.5	1.000	<0.001	>999.999
x8 6.6 vs 8.5	<0.001	<0.001	>999.999
x8 6.7 vs 8.5	1.000	<0.001	>999.999
x8 6.8 vs 8.5	1.000	<0.001	>999.999
x8 7.2 vs 8.5	1.000	<0.001	>999.999
x8 7.3 vs 8.5	1.000	<0.001	>999.999
x8 7.5 vs 8.5	<0.001	<0.001	>999.999
x8 8.4 vs 8.5	1.000	<0.001	>999.999

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	100.0	Somers' D	1.000
Percent Discordant	0.0	Gamma	1.000
Percent Tied	0.0	Tau-a	0.481
Pairs	2379	c	1.000

Note: x9 was removed because of its redundancy.

Note: x10 was removed because of its redundancy.

Note: x11 was removed because of its redundancy.

Note: x12 was removed because of its redundancy.

Note: x13 was removed because of its redundancy.

Note: x14 was removed because of its redundancy.

Note: x15 was removed because of its redundancy.

Analysis of Effects Eligible for Removal			
Effect	DF	Wald Chi-Square	Pr > ChiSq
x6	42	0.2414	1.0000
x7	22	0.1224	1.0000
x8	35	0.1433	1.0000

Step 1. Effect x6 is removed:

Model Convergence Status
Complete separation of data points detected.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	135.750	150.045
SC	138.355	345.432
-2 Log L	133.750	0.045

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	133.7050	74	<.0001
Score	82.1423	74	0.2418
Wald	1.3231	74	1.0000

Type 3 Analysis of Effects

Effect	DF	Wald Chi-Square	Pr > ChiSq
x7	25	0.9076	1.0000
x8	48	0.9919	1.0000

Analysis of Maximum Likelihood Estimates

Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-18.8034	196.6	0.0091	0.9238
x7	3	1	-17.4169	115.6	0.0227	0.8803
x7	4	1	37.9227	183.5	0.0427	0.8363
x7	2.2	1	37.2287	380.7	0.0096	0.9221
x7	2.4	1	9.5052	221.5	0.0018	0.9658
x7	2.5	1	-1.4538	121.0	0.0001	0.9904
x7	2.6	1	-21.2030	197.1	0.0116	0.9143
x7	2.7	1	-6.9220	176.0	0.0015	0.9686
x7	2.8	1	-0.1578	158.7	0.0000	0.9992
x7	2.9	1	5.0006	208.3	0.0006	0.9808
x7	3.2	1	-4.1920	164.3	0.0007	0.9796
x7	3.3	1	27.3827	132.5	0.0427	0.8363
x7	3.4	1	9.5052	166.6	0.0033	0.9545
x7	3.5	1	20.3530	363.7	0.0031	0.9554
x7	3.6	1	22.4522	170.2	0.0174	0.8951
x7	3.7	1	13.1367	122.8	0.0114	0.9148
x7	3.8	1	-1.1398	115.5	0.0001	0.9921
x7	3.9	1	4.0694	354.8	0.0001	0.9908
x7	4.1	1	37.5952	181.3	0.0430	0.8357
x7	4.2	1	20.3530	391.9	0.0027	0.9586
x7	4.3	1	-16.4467	132.4	0.0154	0.9011
x7	4.5	1	14.8432	138.3	0.0115	0.9145
x7	4.8	1	-9.0663	222.1	0.0017	0.9674
x7	4.9	1	35.5541	369.2	0.0093	0.9233
x7	5.1	1	3.6290	366.6	0.0001	0.9921
x7	5.5	1	28.0767	222.1	0.0160	0.8994
x7	5.6	1	3.2881	374.4	0.0001	0.9930
x7	5.7	0	0	.	.	.
x8	3	1	5.2492	139.8	0.0014	0.9700
x8	4	1	11.4514	170.8	0.0045	0.9465
x8	5	1	14.9400	191.0	0.0061	0.9377
x8	7	1	-1.3252	163.9	0.0001	0.9935
x8	8	1	30.7082	191.6	0.0257	0.8727
x8	1.3	1	5.6245	151.2	0.0014	0.9703
x8	2.5	1	24.0073	380.6	0.0040	0.9497
x8	2.6	1	18.5715	146.9	0.0160	0.8994
x8	2.7	1	43.2386	180.9	0.0571	0.8111
x8	3.1	1	28.2346	223.2	0.0160	0.8993
x8	3.3	1	16.1462	108.9	0.0220	0.8821
x8	3.5	1	29.2166	190.6	0.0235	0.8782
x8	3.6	1	13.2335	193.7	0.0047	0.9455
x8	3.7	1	15.6733	171.1	0.0084	0.9270
x8	3.8	1	6.3611	371.6	0.0003	0.9863
x8	3.9	1	4.6333	127.0	0.0013	0.9709
x8	4.1	1	7.7237	389.0	0.0004	0.9842
x8	4.3	1	5.4358	381.0	0.0002	0.9886
x8	4.4	1	45.4936	198.9	0.0523	0.8191
x8	4.6	1	6.2171	370.9	0.0003	0.9866
x8	4.7	1	12.6044	159.4	0.0063	0.9370
x8	4.8	1	28.6261	177.0	0.0262	0.8715
x8	4.9	1	18.5715	146.9	0.0160	0.8994
x8	5.1	1	16.8844	113.3	0.0222	0.8815
x8	5.2	1	-11.1590	118.5	0.0089	0.9250
x8	5.3	1	23.2409	364.4	0.0041	0.9492
x8	5.4	1	6.8469	380.6	0.0003	0.9856
x8	5.5	1	-11.2227	119.0	0.0089	0.9249
x8	5.6	1	18.5715	146.9	0.0160	0.8994
x8	5.7	1	1.0598	121.2	0.0001	0.9930
x8	5.8	1	4.5046	125.3	0.0013	0.9713
x8	5.9	1	2.8245	107.6	0.0007	0.9791
x8	6.1	1	12.6030	166.4	0.0057	0.9396
x8	6.2	1	-9.5185	163.6	0.0034	0.9536
x8	6.3	1	-9.1520	377.7	0.0006	0.9807

Analysis of Maximum Likelihood Estimates

Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x8	6.4	1	13.6972	153.9	0.0079	0.9291
x8	6.5	1	14.9400	191.0	0.0061	0.9377
x8	6.6	1	23.4133	382.8	0.0037	0.9512
x8	6.7	1	30.7082	121.9	0.0634	0.8012
x8	6.8	1	28.0767	167.4	0.0281	0.8668
x8	7.1	1	27.5936	166.5	0.0275	0.8684
x8	7.2	1	28.2346	168.8	0.0280	0.8672
x8	7.3	1	10.6450	191.3	0.0031	0.9556
x8	7.4	1	-11.6716	123.6	0.0089	0.9247
x8	7.5	1	14.9400	191.0	0.0061	0.9377
x8	7.6	1	5.6245	151.2	0.0014	0.9703
x8	7.7	0	0	.	.	.
x8	7.9	1	-9.8460	166.0	0.0035	0.9527
x8	8.4	1	13.6972	153.9	0.0079	0.9291
x8	8.5	0	0	.	.	.

Odds Ratio Estimates

Effect	Point Estimate	95% Wald Confidence Limits	
x7 3 vs 5.7	<0.001	<0.001	>999.999
x7 4 vs 5.7	>999.999	<0.001	>999.999
x7 2.2 vs 5.7	>999.999	<0.001	>999.999
x7 2.4 vs 5.7	>999.999	<0.001	>999.999
x7 2.5 vs 5.7	0.234	<0.001	>999.999
x7 2.6 vs 5.7	<0.001	<0.001	>999.999
x7 2.7 vs 5.7	<0.001	<0.001	>999.999
x7 2.8 vs 5.7	0.854	<0.001	>999.999
x7 2.9 vs 5.7	148.500	<0.001	>999.999
x7 3.2 vs 5.7	0.015	<0.001	>999.999
x7 3.3 vs 5.7	>999.999	<0.001	>999.999
x7 3.4 vs 5.7	>999.999	<0.001	>999.999
x7 3.5 vs 5.7	>999.999	<0.001	>999.999
x7 3.6 vs 5.7	>999.999	<0.001	>999.999
x7 3.7 vs 5.7	>999.999	<0.001	>999.999
x7 3.8 vs 5.7	0.320	<0.001	>999.999
x7 3.9 vs 5.7	58.522	<0.001	>999.999
x7 4.1 vs 5.7	>999.999	<0.001	>999.999
x7 4.2 vs 5.7	>999.999	<0.001	>999.999
x7 4.3 vs 5.7	<0.001	<0.001	>999.999
x7 4.5 vs 5.7	>999.999	<0.001	>999.999
x7 4.8 vs 5.7	<0.001	<0.001	>999.999
x7 4.9 vs 5.7	>999.999	<0.001	>999.999
x7 5.1 vs 5.7	37.674	<0.001	>999.999
x7 5.5 vs 5.7	>999.999	<0.001	>999.999
x7 5.6 vs 5.7	26.793	<0.001	>999.999
x8 3 vs 8.5	190.410	<0.001	>999.999
x8 4 vs 8.5	>999.999	<0.001	>999.999
x8 5 vs 8.5	>999.999	<0.001	>999.999
x8 7 vs 8.5	0.266	<0.001	>999.999
x8 8 vs 8.5	>999.999	<0.001	>999.999
x8 1.3 vs 8.5	277.134	<0.001	>999.999
x8 2.5 vs 8.5	>999.999	<0.001	>999.999
x8 2.6 vs 8.5	>999.999	<0.001	>999.999
x8 2.7 vs 8.5	>999.999	<0.001	>999.999
x8 3.1 vs 8.5	>999.999	<0.001	>999.999
x8 3.3 vs 8.5	>999.999	<0.001	>999.999
x8 3.5 vs 8.5	>999.999	<0.001	>999.999
x8 3.6 vs 8.5	>999.999	<0.001	>999.999
x8 3.7 vs 8.5	>999.999	<0.001	>999.999
x8 3.8 vs 8.5	578.863	<0.001	>999.999
x8 3.9 vs 8.5	102.857	<0.001	>999.999
x8 4.1 vs 8.5	>999.999	<0.001	>999.999
x8 4.3 vs 8.5	229.472	<0.001	>999.999
x8 4.4 vs 8.5	>999.999	<0.001	>999.999
x8 4.6 vs 8.5	501.230	<0.001	>999.999
x8 4.7 vs 8.5	>999.999	<0.001	>999.999
x8 4.8 vs 8.5	>999.999	<0.001	>999.999
x8 4.9 vs 8.5	>999.999	<0.001	>999.999

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
x8 5.1 vs 8.5	>999.999	<0.001	>999.999
x8 5.2 vs 8.5	<0.001	<0.001	>999.999
x8 5.3 vs 8.5	>999.999	<0.001	>999.999
x8 5.4 vs 8.5	940.976	<0.001	>999.999
x8 5.5 vs 8.5	<0.001	<0.001	>999.999
x8 5.6 vs 8.5	>999.999	<0.001	>999.999
x8 5.7 vs 8.5	2.886	<0.001	>999.999
x8 5.8 vs 8.5	90.433	<0.001	>999.999
x8 5.9 vs 8.5	16.853	<0.001	>999.999
x8 6.1 vs 8.5	>999.999	<0.001	>999.999
x8 6.2 vs 8.5	<0.001	<0.001	>999.999
x8 6.3 vs 8.5	<0.001	<0.001	>999.999
x8 6.4 vs 8.5	>999.999	<0.001	>999.999
x8 6.5 vs 8.5	>999.999	<0.001	>999.999
x8 6.6 vs 8.5	>999.999	<0.001	>999.999
x8 6.7 vs 8.5	>999.999	<0.001	>999.999
x8 6.8 vs 8.5	>999.999	<0.001	>999.999
x8 7.1 vs 8.5	>999.999	<0.001	>999.999
x8 7.2 vs 8.5	>999.999	<0.001	>999.999
x8 7.3 vs 8.5	>999.999	<0.001	>999.999
x8 7.4 vs 8.5	<0.001	<0.001	>999.999
x8 7.5 vs 8.5	>999.999	<0.001	>999.999
x8 7.6 vs 8.5	277.134	<0.001	>999.999
x8 7.9 vs 8.5	<0.001	<0.001	>999.999
x8 8.4 vs 8.5	>999.999	<0.001	>999.999

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	100.0	Somers' D	1.000
Percent Discordant	0.0	Gamma	1.000
Percent Tied	0.0	Tau-a	0.481
Pairs	2379	c	1.000

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
0.0223	21	1.0000

Analysis of Effects Eligible for Removal			
Effect	DF	Wald Chi-Square	Pr > ChiSq
x7	26	0.9236	1.0000
x8	48	0.9919	1.0000

Step 2. Effect x7 is removed:

Model Convergence Status
Quasi-complete separation of data points detected.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	135.750	173.868
SC	138.355	304.127
-2 Log L	133.750	73.868

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	59.8816	49	0.1371
Score	45.7055	49	0.6075
Wald	4.9462	49	1.0000

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
x8	49	4.9462	1.0000

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-12.2983	468.3	0.0007	0.9790
x8	3	1	12.9915	468.3	0.0008	0.9779

Analysis of Maximum Likelihood Estimates

Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
x8	4	1	4.55E-10	573.6	0.0000	1.0000
x8	5	1	24.5718	658.2	0.0014	0.9702
x8	7	1	11.6052	468.3	0.0006	0.9802
x8	8	1	4.55E-10	662.3	0.0000	1.0000
x8	1.3	1	24.5718	658.2	0.0014	0.9702
x8	2.5	1	24.5718	658.2	0.0014	0.9702
x8	2.6	1	24.5718	571.2	0.0019	0.9657
x8	2.7	1	24.5718	571.2	0.0019	0.9657
x8	3.1	1	24.5718	658.2	0.0014	0.9702
x8	3.3	1	12.2983	468.3	0.0007	0.9790
x8	3.5	1	24.5718	658.2	0.0014	0.9702
x8	3.6	1	24.5718	658.2	0.0014	0.9702
x8	3.7	1	12.2983	468.3	0.0007	0.9790
x8	3.8	1	12.9915	468.3	0.0008	0.9779
x8	3.9	1	24.5718	571.2	0.0019	0.9657
x8	4.1	1	24.5718	571.2	0.0019	0.9657
x8	4.3	1	4.55E-10	662.3	0.0000	1.0000
x8	4.4	1	24.5718	658.2	0.0014	0.9702
x8	4.6	1	4.55E-10	523.6	0.0000	1.0000
x8	4.7	1	12.2983	468.3	0.0007	0.9790
x8	4.8	1	24.5718	571.2	0.0019	0.9657
x8	4.9	1	24.5718	658.2	0.0014	0.9702
x8	5.1	1	13.3969	468.3	0.0008	0.9772
x8	5.2	1	11.6052	468.3	0.0006	0.9802
x8	5.3	1	12.9915	468.3	0.0008	0.9779
x8	5.4	1	24.5718	571.2	0.0019	0.9657
x8	5.5	1	12.2983	468.3	0.0007	0.9790
x8	5.6	1	12.2983	468.3	0.0007	0.9790
x8	5.7	1	11.1997	468.3	0.0006	0.9809
x8	5.8	1	12.9915	468.3	0.0008	0.9779
x8	5.9	1	12.2983	468.3	0.0007	0.9790
x8	6.1	1	12.9915	468.3	0.0008	0.9779
x8	6.2	1	24.5718	658.2	0.0014	0.9702
x8	6.3	1	12.9915	468.3	0.0008	0.9779
x8	6.4	1	4.55E-10	662.3	0.0000	1.0000
x8	6.5	1	24.5718	658.2	0.0014	0.9702
x8	6.6	1	24.5718	571.2	0.0019	0.9657
x8	6.7	1	13.3969	468.3	0.0008	0.9772
x8	6.8	1	12.9915	468.3	0.0008	0.9779
x8	7.1	1	12.2983	468.3	0.0007	0.9790
x8	7.2	1	12.9915	468.3	0.0008	0.9779
x8	7.3	1	4.55E-10	662.3	0.0000	1.0000
x8	7.4	1	4.55E-10	573.6	0.0000	1.0000
x8	7.5	1	24.5718	658.2	0.0014	0.9702
x8	7.6	1	24.5718	658.2	0.0014	0.9702
x8	7.7	1	24.5718	658.2	0.0014	0.9702
x8	7.9	1	24.5718	658.2	0.0014	0.9702
x8	8.4	1	4.55E-10	662.3	0.0000	1.0000
x8	8.5	0	0	.	.	.

Odds Ratio Estimates

Effect	Point Estimate	95% Wald Confidence Limits	
x8 3 vs 8.5	>999.999	<0.001	>999.999
x8 4 vs 8.5	1.000	<0.001	>999.999
x8 5 vs 8.5	>999.999	<0.001	>999.999
x8 7 vs 8.5	>999.999	<0.001	>999.999
x8 8 vs 8.5	1.000	<0.001	>999.999
x8 1.3 vs 8.5	>999.999	<0.001	>999.999
x8 2.5 vs 8.5	>999.999	<0.001	>999.999
x8 2.6 vs 8.5	>999.999	<0.001	>999.999
x8 2.7 vs 8.5	>999.999	<0.001	>999.999
x8 3.1 vs 8.5	>999.999	<0.001	>999.999
x8 3.3 vs 8.5	>999.999	<0.001	>999.999
x8 3.5 vs 8.5	>999.999	<0.001	>999.999
x8 3.6 vs 8.5	>999.999	<0.001	>999.999
x8 3.7 vs 8.5	>999.999	<0.001	>999.999
x8 3.8 vs 8.5	>999.999	<0.001	>999.999

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
x8 3.9 vs 8.5	>999.999	<0.001	>999.999
x8 4.1 vs 8.5	>999.999	<0.001	>999.999
x8 4.3 vs 8.5	1.000	<0.001	>999.999
x8 4.4 vs 8.5	>999.999	<0.001	>999.999
x8 4.6 vs 8.5	1.000	<0.001	>999.999
x8 4.7 vs 8.5	>999.999	<0.001	>999.999
x8 4.8 vs 8.5	>999.999	<0.001	>999.999
x8 4.9 vs 8.5	>999.999	<0.001	>999.999
x8 5.1 vs 8.5	>999.999	<0.001	>999.999
x8 5.2 vs 8.5	>999.999	<0.001	>999.999
x8 5.3 vs 8.5	>999.999	<0.001	>999.999
x8 5.4 vs 8.5	>999.999	<0.001	>999.999
x8 5.5 vs 8.5	>999.999	<0.001	>999.999
x8 5.6 vs 8.5	>999.999	<0.001	>999.999
x8 5.7 vs 8.5	>999.999	<0.001	>999.999
x8 5.8 vs 8.5	>999.999	<0.001	>999.999
x8 5.9 vs 8.5	>999.999	<0.001	>999.999
x8 6.1 vs 8.5	>999.999	<0.001	>999.999
x8 6.2 vs 8.5	>999.999	<0.001	>999.999
x8 6.3 vs 8.5	>999.999	<0.001	>999.999
x8 6.4 vs 8.5	1.000	<0.001	>999.999
x8 6.5 vs 8.5	>999.999	<0.001	>999.999
x8 6.6 vs 8.5	>999.999	<0.001	>999.999
x8 6.7 vs 8.5	>999.999	<0.001	>999.999
x8 6.8 vs 8.5	>999.999	<0.001	>999.999
x8 7.1 vs 8.5	>999.999	<0.001	>999.999
x8 7.2 vs 8.5	>999.999	<0.001	>999.999
x8 7.3 vs 8.5	1.000	<0.001	>999.999
x8 7.4 vs 8.5	1.000	<0.001	>999.999
x8 7.5 vs 8.5	>999.999	<0.001	>999.999
x8 7.6 vs 8.5	>999.999	<0.001	>999.999
x8 7.7 vs 8.5	>999.999	<0.001	>999.999
x8 7.9 vs 8.5	>999.999	<0.001	>999.999
x8 8.4 vs 8.5	1.000	<0.001	>999.999

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	83.8	Somers' D	0.767
Percent Discordant	7.1	Gamma	0.843
Percent Tied	9.0	Tau-a	0.368
Pairs	2379	c	0.883

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
58.0002	50	0.2042

Analysis of Effects Eligible for Removal			
Effect	DF	Wald Chi-Square	Pr > ChiSq
x8	49	4.9462	1.0000

Step 3. Effect x8 is removed:

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

-2 Log L	=	133.750

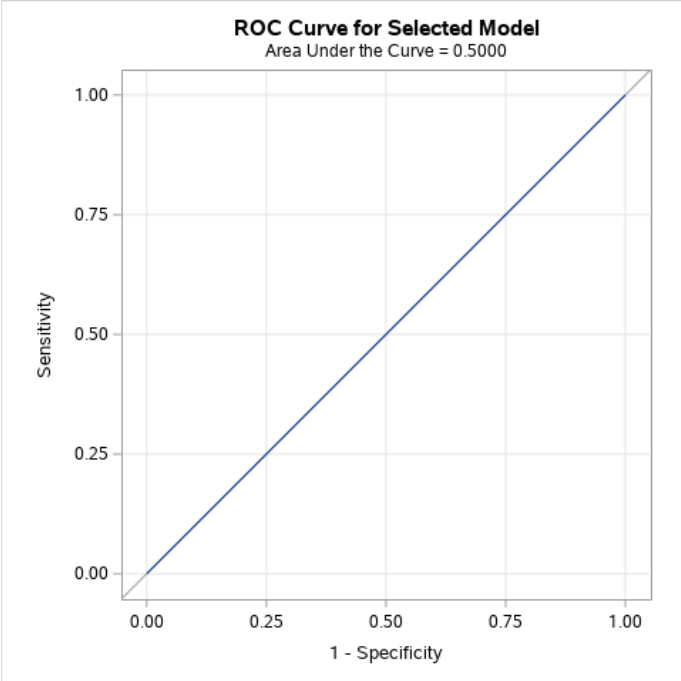
Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	0.4473	0.2050	4.7601	0.0291

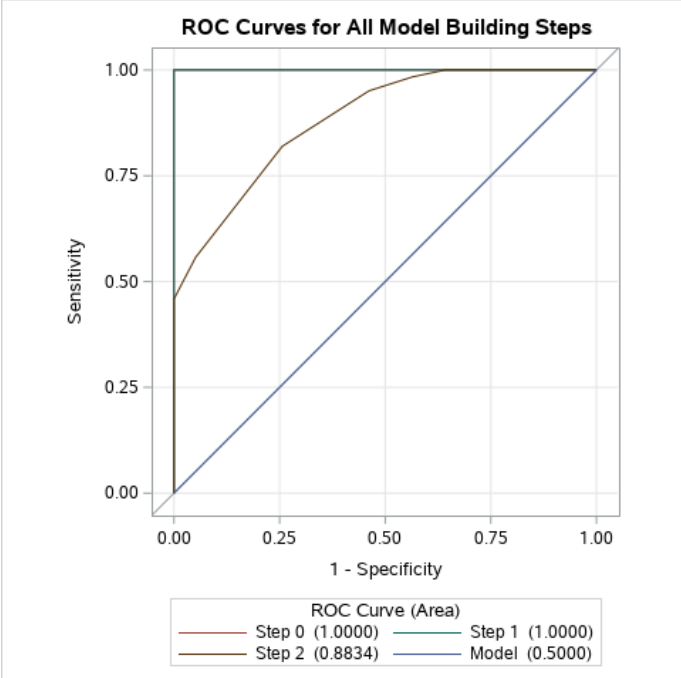
Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
100.0000	99	0.4530

Note: All effects have been removed from the model.

Summary of Backward Elimination

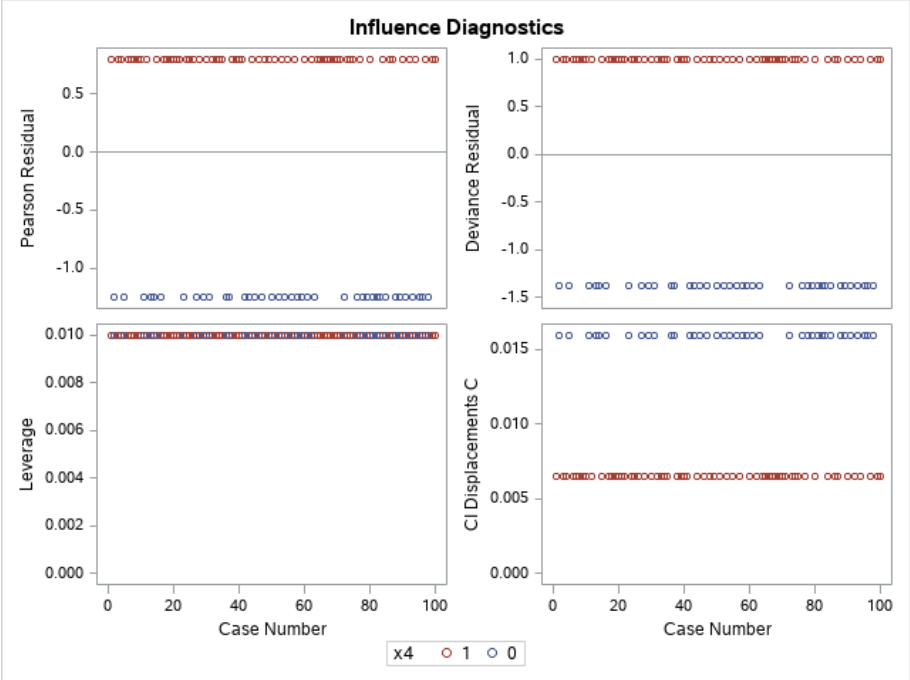
Step	Effect Removed	DF	Number In	Wald Chi-Square	Pr > ChiSq	Variable Label
1	x6	42	2	0.2414	1.0000	x6
2	x7	26	1	0.9236	1.0000	x7
3	x8	49	0	4.9462	1.0000	x8

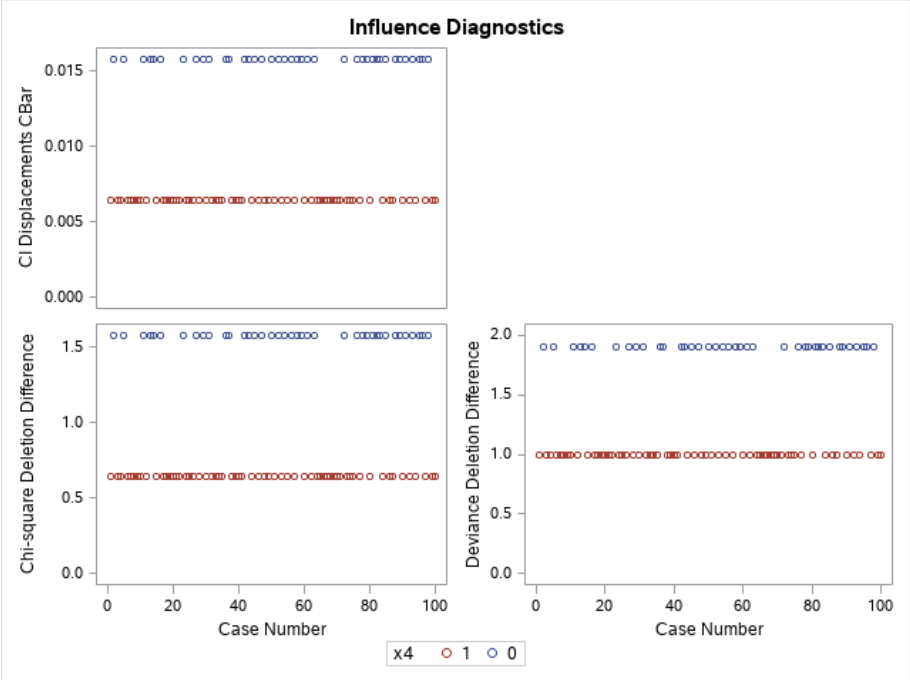




Classification Table

	Correct		Incorrect		Percentages				
Prob Level	Event	Non-Event	Event	Non-Event	Correct	Sensi-tivity	Speci-ficity	Pos Pred	Neg Pred
0.380	61	0	39	0	61.0	100.0	0.0	61.0	.
0.400	0	39	0	61	39.0	0.0	100.0	.	39.0


Influence Diagnostics
Pearson Residual
Deviance Residual
Leverage
CI Displacements C
Case Number
Case Number
x4 1 0


Influence Diagnostics
CI Displacements CBar
Chi-square Deletion Difference
Deviance Deletion Difference
Case Number
Case Number
x4 1 0