

## LOGISTIC REGRESSION

LOGISTIC REGRESSION respcode WITH sex soc\_class drivetime  
 /CATEGORICAL = sex soc\_class  
 /CRITERIA = CUT(0.5) ITERATE(20)  
 /NOORIGIN.

### Dependent Variable Encoding

<i>Original Value</i>	<i>Internal Value</i>
0	0
1	1

### Case Processing Summary

<i>Unweighted Cases</i>	<i>N</i>	<i>Percent</i>
<i>Included in Analysis</i>	2000	100.00
<i>Missing Cases</i>	0	.00
<i>Total</i>	2000	100.00

note: Estimation terminated at iteration number 5 because parameter estimates changed by less than 0.001

### Model Summary

<i>Step 1</i>	<i>-2 Log likelihood</i>	<i>Cox &amp; Snell R Square</i>	<i>Nagelkerke R Square</i>
	2181.21	.26	.34

### Categorical Variables' Codings

		<i>Frequency</i>	<i>Parameter coding</i>		
			<i>(1)</i>	<i>(2)</i>	<i>(3)</i>
<i>sex</i>	F	1010	1		
	M	990	0		
<i>soc_class</i>	AB	384	1	0	0
	C1	635	0	1	0
	C2	697	0	0	1
	DE	284	0	0	0

### Classification Table

<i>Observed</i>			<i>Predicted</i>		
			<i>respcode</i> 0	<i>respcode</i> 1	<i>Percentage</i> <i>Correct</i>
<i>Step 1</i>	<i>respcode</i>	0	711	287	71.24
		1	271	731	72.95
<i>Overall Percentage</i>					72.10

### Variables in the Equation

		<i>B</i>	<i>S.E.</i>	<i>Wald</i>	<i>df</i>	<i>Sig.</i>	<i>Exp(B)</i>
<i>Step 1</i>	<i>drivetime</i>	.17	.01	282.44	1	.000	1.18
	<i>sex</i>			63.94	1	.000	
	<i>sex(1)</i>	-.84	.11	63.94	1	.000	.43
	<i>soc_class</i>			122.53	3	.000	
	<i>soc_class(1)</i>	2.25	.20	121.19	1	.000	9.50
	<i>soc_class(2)</i>	1.38	.18	56.97	1	.000	3.98
	<i>soc_class(3)</i>	1.25	.18	47.95	1	.000	3.50
	<i>Constant</i>	-3.56	.23	233.03	1	.000	.03

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 /CATEGORICAL = sex soc\_class

.41: error: LOGISTIC REGRESSION: Syntax error at 'E'.

/CRITERIA = CUT(0.5) ITERATE(20)E  
 /NOORIGIN.