

```

LOGISTIC REGRESSION VARIABLES Assur
  /METHOD=ENTER ZTL_Scor_Sust Industry ZSize_MValue ZProf_NetPro_Log ZDebt
_percCe ZFinanc_ComEquity
  /CONTRAST (Industry)=Indicator
  /CLASSPLOT
  /PRINT=CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
<head><style type="text/css">p{color:0;font-family:Monospaced;font-size:14
pt;font-style:normal;font-weight:normal;text-decoration:none}</style></hea
d>
LOGISTIC REGRESSION VARIABLES Assur
  /METHOD=ENTER ZTL_Scor_Sust Industry ZSize_MValue ZProf_NetPro_Log ZDebt
_percCe ZFinanc_ComEquity
  /CONTRAST (Industry)=Indicator
  /CLASSPLOT
  /PRINT=GOODFIT CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).

```

## Logistic Regression

### Notes

		Output Created	14-Sep-2014 15:07:18
		Comments	
Input	Data	C: \Users\R2D2\Dropbox\Masterarbeit\Daten Masterarbeit\Aktuelle Statistik\SPSS_Datensatz_Masterarbeit_JonasHonnef_2.sav	
	Active Dataset	DataSet1	
	Filter	<none>	
	Weight	<none>	
	Split File	<none>	
	N of Rows in Working Data File	87	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing	
	Syntax	LOGISTIC REGRESSION VARIABLES Assur /METHOD=ENTER ZTL_Scor_Sust Industry ZSize_MValue ZProf_NetPro_Log ZDebt_percCe ZFinanc_ComEquity /CONTRAST (Industry)=Indicator /CLASSPLOT /PRINT=GOODFIT CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).	
Resources	Processor Time	0:00:00.031	
	Elapsed Time	0:00:00.026	

[DataSet1] C:\Users\R2D2\Dropbox\Masterarbeit\Daten Masterarbeit\Aktuelle Stati

### Case Processing Summary

Unweighted Cases <sup>a</sup>		N	Percent
Selected Cases	Included in Analysis	48	55,2
	Missing Cases	39	44,8
	Total	87	100,0
Unselected Cases		0	,0
	Total	87	100,0

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

### Dependent Variable Encoding

Original Value	Internal Value
No	0
Yes	1

### Categorical Variables Codings

		Parameter coding
		Frequency
Industry	,00	22
	1,00	26
		1,000
		,000

## Block 0: Beginning Block

Classification Table<sup>a,b</sup>

			Predicted	
			Assurance Report or Statement (Existence)	
			No	Yes
Observed	Step 0 Assurance Report or Statement (Existence)	No	27	0
		Yes	21	0

a. Constant is included in the model.

b. The cut value is ,500

Classification Table<sup>a,b</sup>

			Predicted
			Percentage Correct
Observed	Step 0 Assurance Report or Statement (Existence)	No	100,0
		Yes	,0
		Overall Percentage	56,3

a. Constant is included in the model.

b. The cut value is ,500

### Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 0 Constant	-,251	,291	,746	1	,388	,778

### Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	ZTL_Scor_Sust	,426	1	,514
		Industry(1)	7,294	1	,007
		ZSize_MValue	6,596	1	,010
		ZProf_NetPro_Log	4,542	1	,033
		ZDebt_percCe	2,495	1	,114
		ZFinanc_ComEquity	1,474	1	,225
		Overall Statistics	19,955	6	,003

### Block 1: Method = Enter

#### Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	23,869	6	,001
	Block	23,869	6	,001
	Model	23,869	6	,001

#### Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	41,921 <sup>a</sup>	,392	,525

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

#### Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	7,139	8	,522

#### Contingency Table for Hosmer and Lemeshow Test

		Assurance Report or Statement (Existence) = No		Assurance Report or Statement (Existence) = Yes		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	4,729	1	,271	5
	2	4	4,530	1	,470	5
	3	5	4,215	0	,785	5
	4	4	3,967	1	1,033	5
	5	4	3,599	1	1,401	5
	6	3	2,813	2	2,187	5
	7	3	1,684	2	3,316	5
	8	0	,951	5	4,049	5
	9	0	,461	5	4,539	5
	10	0	,051	3	2,949	3

**Classification Table<sup>a</sup>**

Observed			Predicted	
			Assurance Report or Statement (Existence)	
			No	Yes
Step 1	Assurance Report or Statement (Existence)	No	24	3
		Yes	5	16

a. The cut value is ,500

**Classification Table<sup>a</sup>**

Observed			Predicted
			Percentage Correct
Step 1	Assurance Report or Statement (Existence)	No	88,9
		Yes	76,2
	Overall Percentage		83,3

a. The cut value is ,500

**Variables in the Equation**

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 <sup>a</sup>	ZTL_Scor_Sust	-,658	,499	1,741	1	,187	,518
	Industry(1)	-2,926	1,032	8,040	1	,005	,054
	ZSize_MValue	1,389	,747	3,461	1	,063	4,011
	ZProf_NetPro_Log	2,264	1,864	1,476	1	,224	9,626
	ZDebt_percCe	-,309	,616	,251	1	,616	,734
	ZFinanc_ComEquity	-,765	,610	1,570	1	,210	,466
	Constant	,765	,615	1,545	1	,214	2,149

a. Variable(s) entered on step 1: ZTL\_Scor\_Sust, Industry, ZSize\_MValue, ZProf\_NetPro\_Log, ZDebt\_percCe, ZFinanc\_ComEquity.

**Variables in the Equation**

		95% C.I. for EXP(B)	
		Lower	Upper
Step 1 <sup>a</sup>	ZTL_Scor_Sust	,195	1,376
	Industry(1)	,007	,405
	ZSize_MValue	,928	17,332
	ZProf_NetPro_Log	,249	371,462
	ZDebt_percCe	,219	2,456
	ZFinanc_ComEquity	,141	1,539

a. Variable(s) entered on step 1: ZTL\_Scor\_Sust, Industry, ZSize\_MValue, ZProf\_NetPro\_Log, ZDebt\_percCe, ZFinanc\_ComEquity.

Step number: 1

[illegible]

Page 5

Y - Yes

Each Symbol Represents ,25 Cases.