```
LOGISTIC REGRESSION VARIABLES Target
  /METHOD=ENTER Heat Pressure Current Heat_Capsaicin Capsaicin_Effect_Heat Cold Cold_
Menthol
    Menthol_Effect_Cold vonFrey vonFrey_Capsaicin Capsaicin_Effect_vonFrey Pressure2
  /CRITERIA=PIN(.05) POUT(.10) ITERATE(20) CUT(.5).
```

Logistic Regression

Notes

Output Created		26-AUG-2025 16:16:53
Comments		
Input	Data	/home/joern/.Datenplatte/Joerns Dateien/Aktuell/ABCPython/08AnalyseProgramme/R/ABC2way/modified_pain_data.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	125
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES Target /METHOD=ENTER Heat Pressure Current Heat_Capsaicin Capsaicin_Effect_Heat Cold Cold_Menthol Menthol_Effect_Cold vonFrey vonFrey_Capsaicin Capsaicin_Effect_vonFrey Pressure2 /CRITERIA=PIN(.05) POUT(.10) ITERATE(20) CUT(.5).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Warnings

Due to redundancies, degrees of freedom have been reduced for one or more variables.

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	125	100.0
	Missing Cases	0	.0
	Total	125	100.0
Unselected Cases		0	.0
Total		125	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
0	0
1	1

Block 0: Beginning Block

Classification Table[a,b]

			Predicted		
			Target		Percentage Correct
	Observed		0	1	
Step 0	Target	0	69	0	100.0
		1	56	0	.0
	Overall Percentage				55.2

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-.209	.180	1.347	1	.246	.812

Variables not in the Equation[a]

			Score	df	Sig.
Step 0	Variables	Heat	1.167	1	.280
		Pressure	20.709	1	.000
		Current	12.637	1	.000
		Heat_Capsaicin	.040	1	.841
		Capsaicin_Effect_Heat	.105	1	.746
		Cold	1.727	1	.189
		Cold_Menthol	.050	1	.823
		Menthol_Effect_Cold	3.933	1	.047
		vonFrey	4.947	1	.026
		vonFrey_Capsaicin	4.307	1	.038
		Capsaicin_Effect_vonFrey	.213	1	.644
		Pressure2	20.898	1	.000

a. Residual Chi-Squares are not computed because of redundancies.

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	32.011	9	.000
	Block	32.011	9	.000
	Model	32.011	9	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	139.922[a]	.226	.302

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

Classification Table[a]

Observed			Predicted		
			Target		Percentage Correct
			0	1	
Step 1	Target	0	54	15	78.3
		1	22	34	60.7
	Overall Percentage				70.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	Heat	7.008	6.119	1.312	1	.252	1105.538
	Pressure	.217	2.279	.009	1	.924	1.242
	Current	-1.554	.700	4.924	1	.026	.211
	Heat_Capsaicin	2.804	2.518	1.240	1	.265	16.513
	Cold	.214	.329	.423	1	.515	1.239
	Cold_Menthol	-.359	.320	1.260	1	.262	.699
	vonFrey	-.101	.241	.176	1	.675	.904
	vonFrey_Capsaicin	-.161	.236	.463	1	.496	.851
	Pressure2	-2.350	2.096	1.257	1	.262	.095
	Constant	-26.094	23.180	1.267	1	.260	.000

a. Variable(s) entered on step 1: Heat, Pressure, Current, Heat_Capsaicin, Cold, Cold_Menthol, vonFrey, vonFrey_Capsaicin, Pressure2.