

## OUTPUT SPSS

### Case Processing Summary

Unweighted Cases <sup>a</sup>		N	Percent
Selected Cases	Included in Analysis	607	100,0
	Missing Cases	0	,0
	Total	607	100,0
Unselected Cases		0	,0
Total		607	100,0

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

### Dependent Variable Encoding

Original Value	Internal Value
NONDISTRES	0
S	
DISTRESS	1

### Iteration History<sup>a,b,c</sup>

Iteration		-2 Log likelihood	Coefficients
			Constant
Step 0	1	625,570	1,163
	2	622,701	1,322
	3	622,696	1,330
	4	622,696	1,330

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 622,696

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than ,001.

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

		Predicted			Percentage Correct
		FD		DISTRESS	
Observed		NONDISTRESS			
Step 0	FD	NONDISTRESS	0	127	,0
		DISTRESS	0	480	100,0
Overall Percentage					79,1

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	1,330	,100	177,541	1	,000	3,780

**Variables not in the Equation**

			Score	df	Sig.
Step 0	Variables	PERGW	2,394	1	,122
		POSGW	42,704	1	,000
		SOLV	14,456	1	,000
		KK	13,358	1	,000
Overall Statistics			77,475	4	,000

**Iteration History<sup>a,b,c,d</sup>**

Iteration		-2 Log likelihood	Coefficients				
			Constant	PERGW	POSGW	SOLV	KK
Step 1	1	556,770	4,818	-1,961	-,578	-,200	1,455
	2	484,518	6,801	-2,897	-1,106	-,248	7,301
	3	447,699	7,096	-2,934	-1,403	-,267	14,994
	4	428,678	7,226	-3,288	-1,518	-,296	24,311
	5	423,727	7,755	-3,984	-1,589	-,326	31,690
	6	423,538	7,893	-4,103	-1,624	-,333	33,438
	7	423,538	7,899	-4,107	-1,626	-,334	33,518
	8	423,538	7,899	-4,107	-1,626	-,334	33,518

a. Method: Enter

- b. Constant is included in the model.
- c. Initial -2 Log Likelihood: 622,696
- d. Estimation terminated at iteration number 8 because parameter estimates changed by less than ,001.

**Omnibus Tests of Model Coefficients**

	Chi-square	df	Sig.
Step 1 Step	199,158	4	,000
Block	199,158	4	,000
Model	199,158	4	,000

**Model Summary**

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	423,538 <sup>a</sup>	,280	,436

- a. Estimation terminated at iteration number 8 because parameter estimates changed by less than ,001.

**Hosmer and Lemeshow Test**

Step	Chi-square	df	Sig.
1	8,605	8	,377

**Contingency Table for Hosmer and Lemeshow Test**

		FD = NONDISTRESS		FD = DISTRESS		Total
		Observed	Expected	Observed	Expected	
Step 1	1	43	44,654	18	16,346	61
	2	23	27,902	38	33,098	61
	3	24	20,290	37	40,710	61
	4	18	14,376	43	46,624	61
	5	13	9,476	48	51,524	61
	6	5	5,849	56	55,151	61
	7	1	2,887	60	58,113	61
	8	0	1,213	61	59,787	61
	9	0	,344	61	60,656	61
	10	0	,010	58	57,990	58

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

	Observed		Predicted		
			FD		Percentage Correct
			NONDISTRESS	DISTRESS	
Step 1	FD	NONDISTRESS	50	77	39,4
		DISTRESS	26	454	94,6
		Overall Percentage			83,0

a. The cut value is ,500

**Variables in the Equation**

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 <sup>a</sup>	PERGW	-4,107	2,012	4,167	1	,041	,016
	POSGW	-1,626	,200	66,230	1	,000	,197
	SOLV	-,334	,139	5,778	1	,016	,716
	KK	33,518	4,449	56,761	1	,000	360254797710
	Constant	7,899	2,015	15,371	1	,000	177,300
							2694,775

a. Variable(s) entered on step 1: PERGW, POSGW, SOLV, KK.

**Correlation Matrix**

	Constant	PERGW	POSGW	SOLV	KK	
Step 1	Constant	1,000	-,957	-,209	-,039	,140
	PERGW	-,957	1,000	,009	-,132	-,150
	POSGW	-,209	,009	1,000	,017	-,414
	SOLV	-,039	-,132	,017	1,000	-,103
	KK	,140	-,150	-,414	-,103	1,000