

**ANALISIS BIVARIAT  
UJI BEDA HASIL TES TUG  
DI BALAI PSTW DAN KOMUNITAS**

## Oneway

### Test of Homogeneity of Variances

reciprocal\_tugt

Levene Statistic	df1	df2	Sig.
2,768	1	90	,100

### ANOVA

reciprocal\_tugt

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,007	1	,007	14,721	,000
Within Groups	,042	90	,000		
Total	,049	91			

## Explore

### Tests of Normality

	pelayanan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
reciprocal_tugt	komunitas	,082	46	,200 <sup>*</sup>	,985	46	,801
	panti	,118	46	,113	,948	46	,041

\*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

## NPar TestsMann-Whitney Test

### Ranks

	pelayanan	N	Mean Rank	Sum of Ranks
reciprocal_tugt	komunitas	46	57,80	2659,00
	panti	46	35,20	1619,00
	Total	92		

### Test Statistics<sup>a</sup>

	reciprocal_tugt
Mann-Whitney U	538,000
Wilcoxon W	1619,000
Z	-4,061
Asymp. Sig. (2-tailed)	,000

a. Grouping Variable: pelayanan

**ANALISIS BIVARIAT**

**BALAI PSTW**

## Crosstabs

### Jenis\_kelamin \* TUGT\_PANTI\_12

Crosstab

Count

		TUGT_PANTI_12		Total
		risiko tinggi	risiko rendah	
Jenis_kelamin	laki laki	5	7	12
	perempuan	26	8	34
Total		31	15	46

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4,889 <sup>a</sup>	1	,027	,038	,034
Continuity Correction <sup>b</sup>	3,434	1	,064		
Likelihood Ratio	4,685	1	,030		
Fisher's Exact Test					
Linear-by-Linear Association	4,783	1	,029		
N of Valid Cases	46				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,91.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Jenis_kelamin (laki laki / perempuan)	,220	,054	,886
For cohort TUGT_PANTI_12 = risiko tinggi	,545	,272	1,092
For cohort TUGT_PANTI_12 = risiko rendah	2,479	1,146	5,365
N of Valid Cases	46		

### klasi\_jatuh \* TUGT\_PANTI\_12

**Crosstab**

Count

		TUGT_PANTI_12		Total
		risiko tinggi	risiko rendah	
klasi_jatuh	ada riwayat	13	4	17
	tidak ada	18	11	29
Total		31	15	46

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,012 <sup>a</sup>	1	,315	,352	,251
Continuity Correction <sup>b</sup>	,462	1	,497		
Likelihood Ratio	1,040	1	,308		
Fisher's Exact Test					
Linear-by-Linear Association	,990	1	,320		
N of Valid Cases	46				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 5,54.

b. Computed only for a 2x2 table

**Risk Estimate**

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for klasi_jatuh (ada riwayat / tidak ada)	1,986	,516	7,650
For cohort TUGT_PANTI_12 = risiko tinggi	1,232	,836	1,816
For cohort TUGT_PANTI_12 = risiko rendah	,620	,234	1,645
N of Valid Cases	46		

**kat\_aktivitas \* TUGT\_PANTI\_12**

**Crosstab**

Count

		TUGT_PANTI_12		Total
		risiko tinggi	risiko rendah	
kat_aktivitas	tidak dapat beraktifitas	13	2	15
	bisa aktivitas	18	13	31
Total		31	15	46

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3,763 <sup>a</sup>	1	,052	,092	,051
Continuity Correction <sup>b</sup>	2,574	1	,109		
Likelihood Ratio	4,141	1	,042		
Fisher's Exact Test					
Linear-by-Linear Association	3,681	1	,055		
N of Valid Cases	46				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 4,89.

b. Computed only for a 2x2 table

**Risk Estimate**

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kat_aktivitas (tidak dapat beraktifitas / bisa aktivitas)	4,694	,901	24,463
For cohort TUGT_PANTI_12 = risiko tinggi	1,493	1,042	2,137
For cohort TUGT_PANTI_12 = risiko rendah	,318	,082	1,233
N of Valid Cases	46		

**kat\_penyakit \* TUGT\_PANTI\_12**

### Crosstab

Count

		TUGT_PANTI_12		Total
		risiko tinggi	risiko rendah	
kat_penyakit	ada	11	3	14
	tidak	20	12	32
Total		31	15	46

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,145 <sup>a</sup>	1	,285	,331	,236
Continuity Correction <sup>b</sup>	,530	1	,467		
Likelihood Ratio	1,198	1	,274		
Fisher's Exact Test					
Linear-by-Linear Association	1,120	1	,290		
N of Valid Cases	46				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 4,57.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kat_penyakit (ada / tidak)	2,200	,509	9,507
For cohort TUGT_PANTI_12 = risiko tinggi	1,257	,857	1,844
For cohort TUGT_PANTI_12 = risiko rendah	,571	,191	1,714
N of Valid Cases	46		

## KLAS\_UMUR\_new \* TUGT\_PANTI\_12 Crosstabs

KLAS\_UMUR\_new \* TUGT\_PANTI\_12 Crosstabulation

Count

		TUGT_PANTI_12		Total
		risiko tinggi	risiko rendah	
KLAS_UMUR_new	>=75 thn	16	1	17
	<75 tahun	15	14	29
Total		31	15	46

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	8,765 <sup>a</sup>	1	,003	,003	,003
Continuity Correction <sup>b</sup>	6,942	1	,008		
Likelihood Ratio	10,312	1	,001		
Fisher's Exact Test					
Linear-by-Linear Association	8,574	1	,003		
N of Valid Cases	46				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 5,54.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for KLAS_UMUR_new (>=75 thn / <75 tahun)	14,933	1,744	127,889
For cohort TUGT_PANTI_12 = risiko tinggi	1,820	1,255	2,637
For cohort TUGT_PANTI_12 = risiko rendah	,122	,018	,847
N of Valid Cases	46		



**ANALISIS BIVARIAT  
FAKTOR-FAKTOR TERHADAP RISIKO JATUH DI  
KOMUNITAS**

## Crosstabs

### jeniskelamin \* TUGT\_KOM\_12

Crosstab

Count

		TUGT_KOM_12		Total
		risiko tinggi	risiko rendah	
jeniskelamin	laki laki	3	15	18
	perempuan	11	17	28
Total		14	32	46

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,648 <sup>a</sup>	1	,104	,188	,095
Continuity Correction <sup>b</sup>	1,687	1	,194		
Likelihood Ratio	2,794	1	,095		
Fisher's Exact Test					
Linear-by-Linear Association	2,590	1	,108		
N of Valid Cases	46				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 5,48.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for jeniskelamin (laki laki / perempuan)	,309	,072	1,322
For cohort TUGT_KOM_12 = risiko tinggi	,424	,137	1,315
For cohort TUGT_KOM_12 = risiko rendah	1,373	,955	1,972
N of Valid Cases	46		

## klas\_umur \* TUGT\_KOM\_12

### Crosstab

Count

		TUGT_KOM_12		Total
		risiko tinggi	risiko rendah	
klas_umur	>=75 thn	7	10	17
	<75 tahun	7	22	29
Total		14	32	46

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,470 <sup>a</sup>	1	,225	,321	,189
Continuity Correction <sup>b</sup>	,775	1	,379		
Likelihood Ratio	1,445	1	,229		
Fisher's Exact Test					
Linear-by-Linear Association	1,438	1	,231		
N of Valid Cases	46				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 5,17.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for klas_umur (>=75 thn / <75 tahun)	2,200	,607	7,968
For cohort TUGT_KOM_12 = risiko tinggi	1,706	,722	4,030
For cohort TUGT_KOM_12 = risiko rendah	,775	,496	1,213
N of Valid Cases	46		

## kat\_jatuh \* TUGT\_KOM\_12

### Crosstab

Count

		TUGT_KOM_12		Total
		risiko tinggi	risiko rendah	
kat_jatuh	ada riwayat_jatuh	5	8	13
	tidak ada riw_ja	9	24	33
Total		14	32	46

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,551 <sup>a</sup>	1	,458	,493	,344
Continuity Correction <sup>b</sup>	,150	1	,699		
Likelihood Ratio	,538	1	,463		
Fisher's Exact Test					
Linear-by-Linear Association	,539	1	,463		
N of Valid Cases	46				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,96.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kat_jatuh (ada riwayat_jatuh / tidak ada riw_ja)	1,667	,430	6,460
For cohort TUGT_KOM_12 = risiko tinggi	1,410	,582	3,417
For cohort TUGT_KOM_12 = risiko rendah	,846	,525	1,365
N of Valid Cases	46		

## kat\_aktivitas \* TUGT\_KOM\_12

### Crosstab

Count

		TUGT_KOM_12		Total
		risiko tinggi	risiko rendah	
kat_aktivitas	tidak dapat beraktivitas	5	12	17
	dapat beraktivitas	9	20	29
Total		14	32	46

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,013 <sup>a</sup>	1	,908	1,000	,590
Continuity Correction <sup>b</sup>	,000	1	1,000		
Likelihood Ratio	,013	1	,908		
Fisher's Exact Test					
Linear-by-Linear Association	,013	1	,909		
N of Valid Cases	46				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 5,17.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kat_aktivitas (tidak dapat beraktivitas / dapat beraktivitas)	,926	,251	3,420
For cohort TUGT_KOM_12 = risiko tinggi	,948	,380	2,366
For cohort TUGT_KOM_12 = risiko rendah	1,024	,692	1,515
N of Valid Cases	46		

## kat\_penyakit \* TUGT\_KOM\_12

### Crosstab

Count

		TUGT_KOM_12		Total
		risiko tinggi	risiko rendah	
kat_penyakit	ada penyakit	10	14	24
	tidak ada	4	18	22
Total		14	32	46

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,990 <sup>a</sup>	1	,084	,114	,079
Continuity Correction <sup>b</sup>	1,984	1	,159		
Likelihood Ratio	3,071	1	,080		
Fisher's Exact Test					
Linear-by-Linear Association	2,925	1	,087		
N of Valid Cases	46				

a. 0 cells (0,0%) have expected count less than 5. The minimum expected count is 6,70.

b. Computed only for a 2x2 table

### Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kat_penyakit (ada penyakit / tidak ada)	3,214	,830	12,444
For cohort TUGT_KOM_12 = risiko tinggi	2,292	,839	6,260
For cohort TUGT_KOM_12 = risiko rendah	,713	,482	1,054
N of Valid Cases	46		

**ANALISIS MULTIVARIAT  
BALAI PSTW MENGENAI RISIKO JATUH**

## Logistic Regression

### Case Processing Summary

Unweighted Cases <sup>a</sup>		N	Percent
	Included in Analysis	46	100,0
Selected Cases	Missing Cases	0	,0
	Total	46	100,0
Unselected Cases		0	,0
Total		46	100,0

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

### Dependent Variable Encoding

Original Value	Internal Value
risiko rendah	0
risiko tinggi	1

### Categorical Variables Codings

		Frequency	Parameter coding
			(1)
klasi_jatuh	ada riwayat	17	1,000
	tidak ada	29	,000
kat_aktivitas	tidak dapat beraktivitas	15	1,000
	bisa aktivitas	31	,000
kat_penyakit	ada	14	1,000
	tidak	32	,000
KLAS_UMUR_new	>=75 thn	17	,000
	<75 tahun	29	1,000
Jenis_kelamin	laki laki	12	,000
	perempuan	34	1,000

## Block 0: Beginning Block



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

	Observed	Predicted			
		klas_TUGT_balai		Percentage Correct	
		risiko rendah	risiko tinggi		
Step 0	klas_TUGT_balai	risiko rendah	0	15	,0
		risiko tinggi	0	31	100,0
	Overall Percentage				67,4

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	,726	,315	5,327	1	,021	2,067

**Variables not in the Equation**

	Score	df	Sig.	
Step 0 Variables	Jenis_kelamin(1)	4,889	1	,027
	kat_aktivitas(1)	3,763	1	,052
	kat_penyakit(1)	1,145	1	,285
	KLAS_UMUR_new(1)	8,765	1	,003
	klasi_jatuh(1)	1,012	1	,315
Overall Statistics		15,005	5	,010

### Block 1: Method = Backward Stepwise (Likelihood Ratio)

**Omnibus Tests of Model Coefficients**

	Chi-square	df	Sig.
Step 1 Step	18,617	5	,002
Step 1 Block	18,617	5	,002
Step 1 Model	18,617	5	,002
Step 2 <sup>a</sup> Step	-,279	1	,597

	Block	18,338	4	,001
	Model	18,338	4	,001
	Step	-2,242	1	,134
Step 3 <sup>a</sup>	Block	16,096	3	,001
	Model	16,096	3	,001
	Step	-2,520	1	,112
Step 4 <sup>a</sup>	Block	13,576	2	,001
	Model	13,576	2	,001

a. A negative Chi-squares value indicates that the Chi-squares value has decreased from the previous step.

#### Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	39,469 <sup>a</sup>	,333	,464
2	39,749 <sup>a</sup>	,329	,458
3	41,990 <sup>a</sup>	,295	,412
4	44,511 <sup>a</sup>	,256	,356

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than ,001.

#### Classification Table<sup>a</sup>

	Observed	Predicted			
		klas_TUGT_balai		Percentage Correct	
		risiko rendah	risiko tinggi		
Step 1	klas_TUGT_balai	risiko rendah	11	4	73,3
		risiko tinggi	5	26	83,9
	Overall Percentage				80,4
Step 2	klas_TUGT_balai	risiko rendah	11	4	73,3
		risiko tinggi	5	26	83,9
	Overall Percentage				80,4
Step 3	klas_TUGT_balai	risiko rendah	8	7	53,3
		risiko tinggi	4	27	87,1
	Overall Percentage				76,1
Step 4	klas_TUGT_balai	risiko rendah	12	3	80,0
		risiko tinggi	9	22	71,0
	Overall Percentage				73,9

a. The cut value is ,500

**Variables in the Equation**

	B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B)		
							Lower	Upper	
Step 1 <sup>a</sup>	Jenis_kelamin(1)	1,183	,890	1,766	1	,184	3,266	,570	18,701
	kat_aktivitas(1)	1,645	1,019	2,606	1	,106	5,182	,703	38,191
	kat_penyakit(1)	,480	,916	,274	1	,600	1,616	,269	9,720
	KLAS_UMUR_new(1)	-2,837	1,174	5,837	1	,016	,059	,006	,585
	klasi_jatuh(1)	1,246	,870	2,053	1	,152	3,478	,632	19,131
	Constant	1,053	1,230	,734	1	,392	2,867		
Step 2 <sup>a</sup>	Jenis_kelamin(1)	1,274	,870	2,145	1	,143	3,575	,650	19,665
	kat_aktivitas(1)	1,588	1,003	2,506	1	,113	4,894	,685	34,962
	KLAS_UMUR_new(1)	-2,811	1,163	5,839	1	,016	,060	,006	,588
	klasi_jatuh(1)	1,289	,861	2,242	1	,134	3,631	,672	19,631
Step 3 <sup>a</sup>	Constant	1,097	1,222	,806	1	,369	2,995		
	kat_aktivitas(1)	1,824	,960	3,610	1	,057	6,195	,944	40,642
	KLAS_UMUR_new(1)	-2,859	1,150	6,182	1	,013	,057	,006	,546
	klasi_jatuh(1)	1,267	,831	2,325	1	,127	3,550	,697	18,090
Step 4 <sup>a</sup>	Constant	1,979	1,074	3,395	1	,065	7,236		
	kat_aktivitas(1)	1,511	,900	2,817	1	<b>,093</b>	4,531	,776	26,456
	KLAS_UMUR_new(1)	-2,681	1,113	5,802	1	,016	,068	,008	,607
	Constant	2,366	1,049	5,084	1	,024	10,655		

a. Variable(s) entered on step 1: Jenis\_kelamin, kat\_aktivitas, kat\_penyakit, KLAS\_UMUR\_new, klasi\_jatuh.

**Model if Term Removed**

Variable	Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change	
Step 1	Jenis_kelamin	-20,645	1,821	1	,177
	kat_aktivitas	-21,220	2,971	1	,085
	kat_penyakit	-19,874	,279	1	,597
	KLAS_UMUR_new	-24,389	9,309	1	,002
	klasi_jatuh	-20,842	2,214	1	,137
Step 2	Jenis_kelamin	-20,995	2,242	1	,134
	kat_aktivitas	-21,290	2,832	1	,092
	KLAS_UMUR_new	-24,520	9,291	1	,002
	klasi_jatuh	-21,094	2,439	1	,118

	kat_aktivitas	-23,151	4,312	1	,038
Step 3	KLAS_UMUR_new	-26,035	10,080	1	,001
	klasi_jatuh	-22,255	2,520	1	,112
Step 4	kat_aktivitas	-23,887	3,264	1	,071
	KLAS_UMUR_new	-26,973	9,435	1	,002

#### Variables not in the Equation

			Score	Df	Sig.
Step 2 <sup>a</sup>	Variables	kat_penyakit(1)	,276	1	,599
	Overall Statistics		,276	1	,599
Step 3 <sup>b</sup>	Variables	Jenis_kelamin(1)	2,254	1	,133
		kat_penyakit(1)	,690	1	,406
	Overall Statistics		2,514	2	,284
Step 4 <sup>c</sup>		Jenis_kelamin(1)	2,324	1	,127
	Variables	kat_penyakit(1)	1,035	1	,309
		klasi_jatuh(1)	2,422	1	,120
	Overall Statistics		4,721	3	,193

- a. Variable(s) removed on step 2: kat\_penyakit.  
b. Variable(s) removed on step 3: Jenis\_kelamin.  
c. Variable(s) removed on step 4: klasi\_jatuh.

#### Casewise List<sup>b</sup>

Case	Selected Status <sup>a</sup>	Observed	Predicted	Predicted Group	Temporary Variable	
		klas_TUGT_balai			Resid	ZResid
13	S	0**	,914	1	-,914	-3,264

- a. S = Selected, U = Unselected cases, and \*\* = Misclassified cases.  
b. Cases with studentized residuals greater than 2,000 are listed.

**ANALISIS MULTIVARIAT  
KOMUNITAS MENGENAI RISIKO  
JATUH**

## Logistic Regression

**Case Processing Summary**

Unweighted Cases <sup>a</sup>		N	Percent
	Included in Analysis	46	100,0
Selected Cases	Missing Cases	0	,0
	Total	46	100,0
Unselected Cases		0	,0
Total		46	100,0

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

**Dependent Variable Encoding**

Original Value	Internal Value
risiko rendah	0
risiko tinggi	1

**Categorical Variables Codings**

		Frequency	Parameter coding
			(1)
kat_penyakit	ada penyakit	24	,000
	tidak ada	22	1,000
klas_umur	>=75 thn	17	1,000
	<75 tahun	29	,000
kat_jatuh	ada riwayat_jatuh	13	1,000
	tidak ada riw_ja	33	,000
kat_aktivitas	tidak dapat beraktivitas	17	1,000
	dapat beraktivitas	29	,000
jeniskelamin	laki laki	18	1,000
	perempuan	28	,000

## Block 0: Beginning Block

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

	Observed	Predicted		
		kategori_tug		Percentage Correct
		risiko rendah	risiko tinggi	
Step 0	risiko rendah	32	0	100,0
	risiko tinggi	14	0	,0
	Overall Percentage			69,6

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	-,827	,320	6,656	1	,010	,438

Variables not in the Equation

	Score	df	Sig.
Step 0 Variables			
jeniskelamin(1)	2,648	1	,104
klas_umur(1)	1,470	1	,225
kat_jatuh(1)	,551	1	,458
kat_aktivitas(1)	,013	1	,908
kat_penyakit(1)	2,990	1	,084
Overall Statistics	6,948	5	,225

## Block 1: Method = Backward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

	Chi-square	df	Sig.
Step 1 Step	7,878	5	,163

	Block	7,878	5	,163
	Model	7,878	5	,163
	Step	-,003	1	,958
Step 2 <sup>a</sup>	Block	7,876	4	,096
	Model	7,876	4	,096
	Step	-,003	1	,954
Step 3 <sup>a</sup>	Block	7,872	3	,049
	Model	7,872	3	,049
	Step	-2,514	1	,113
Step 4 <sup>a</sup>	Block	5,359	2	,069
	Model	5,359	2	,069
	Step	-2,288	1	,130
Step 5 <sup>a</sup>	Block	3,071	1	,080
	Model	3,071	1	,080

a. A negative Chi-squares value indicates that the Chi-squares value has decreased from the previous step.

#### Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	48,656 <sup>a</sup>	,157	,223
2	48,659 <sup>a</sup>	,157	,222
3	48,662 <sup>a</sup>	,157	,222
4	51,176 <sup>b</sup>	,110	,155
5	53,463 <sup>b</sup>	,065	,091

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

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

#### Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	3,092	6	,797
2	2,598	6	,857
3	3,874	5	,568
4	2,472	2	,291
5	,000	0	.



**Contingency Table for Hosmer and Lemeshow Test**

	kategori_tug = risiko rendah		kategori_tug = risiko tinggi		Total	
	Observed	Expected	Observed	Expected		
Step 1	1	7	6,653	0	,347	7
	2	4	4,288	1	,712	5
	3	5	5,816	2	1,184	7
	4	5	4,034	1	1,966	6
	5	2	2,981	3	2,019	5
	6	4	3,524	2	2,476	6
	7	4	3,472	2	2,528	6
	8	1	1,232	3	2,768	4
Step 2	1	7	6,655	0	,345	7
	2	4	4,285	1	,715	5
	3	6	6,631	2	1,369	8
	4	4	3,212	1	1,788	5
	5	2	2,987	3	2,013	5
	6	4	3,538	2	2,462	6
	7	4	3,467	2	2,533	6
	8	1	1,225	3	2,775	4
Step 3	1	7	6,656	0	,344	7
	2	4	5,130	2	,870	6
	3	6	5,780	1	1,220	7
	4	4	3,214	1	1,786	5
	5	2	2,988	3	2,012	5
	6	8	7,009	4	4,991	12
	7	1	1,223	3	2,777	4
Step 4	1	10	9,000	0	1,000	10
	2	8	9,000	4	3,000	12
	3	5	6,000	3	2,000	8
	4	9	8,000	7	8,000	16
Step 5	1	18	18,000	4	4,000	22
	2	14	14,000	10	10,000	24

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

	Observed		Predicted		
			kategori_tug		Percentage Correct
			risiko rendah	risiko tinggi	
Step 1	kategori_tug	risiko rendah	31	1	96,9

		risiko tinggi	11	3	21,4
	Overall Percentage				73,9
Step 2	kategori_tug	risiko rendah	31	1	96,9
		risiko tinggi	11	3	21,4
		Overall Percentage			73,9
Step 3	kategori_tug	risiko rendah	31	1	96,9
		risiko tinggi	11	3	21,4
		Overall Percentage			73,9
Step 4	kategori_tug	risiko rendah	32	0	100,0
		risiko tinggi	14	0	,0
		Overall Percentage			69,6
Step 5	kategori_tug	risiko rendah	32	0	100,0
		risiko tinggi	14	0	,0
		Overall Percentage			69,6

a. The cut value is ,500

#### Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B)		
							Lower	Upper	
Step 1 <sup>a</sup>	jeniskelamin(1)	-1,414	,836	2,858	1	,091	,243	,047	1,253
	klas_umur(1)	1,155	,755	2,342	1	,126	3,175	,723	13,944
	kat_jatuh(1)	-,055	,843	,004	1	,948	,946	,181	4,940
	kat_aktivitas(1)	-,040	,760	,003	1	,958	,960	,216	4,263
	kat_penyakit(1)	-1,232	,830	2,203	1	,138	,292	,057	1,484
	Constant	-,297	,757	,154	1	,695	,743		
Step 2 <sup>a</sup>	jeniskelamin(1)	-1,408	,830	2,878	1	,090	,245	,048	1,244
	klas_umur(1)	1,156	,755	2,344	1	,126	3,177	,723	13,955
	kat_jatuh(1)	-,048	,833	,003	1	,954	,953	,186	4,878
	kat_penyakit(1)	-1,237	,825	2,246	1	,134	,290	,058	1,463
Step 3 <sup>a</sup>	Constant	-,314	,689	,208	1	,648	,730		
	jeniskelamin(1)	-1,408	,830	2,876	1	,090	,245	,048	1,245
	klas_umur(1)	1,160	,752	2,378	1	,123	3,190	,730	13,932
Step 4 <sup>a</sup>	kat_penyakit(1)	-1,216	,744	2,671	1	,102	,296	,069	1,274
	Constant	-,340	,533	,406	1	,524	,712		
Step 5 <sup>a</sup>	jeniskelamin(1)	-1,099	,759	2,093	1	,148	,333	,075	1,477
	kat_penyakit(1)	-1,099	,707	2,417	1	,120	,333	,083	1,332
Step 5 <sup>a</sup>	Constant	,000	,474	,000	1	1,000	1,000		
	kat_penyakit(1)	-1,168	,691	2,858	1	,091	,311	,080	1,204
Step 5 <sup>a</sup>	Constant	-,336	,414	,660	1	,416	,714		

a. Variable(s) entered on step 1: jeniskelamin, klas\_umur, kat\_jatuh, kat\_aktivitas, kat\_penyakit.

**Model if Term Removed**

Variable	Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
jeniskelamin	-25,964	3,272	1	,070
klas_umur	-25,565	2,474	1	,116
Step 1 kat_jatuh	-24,330	,004	1	,948
kat_aktivitas	-24,329	,003	1	,958
kat_penyakit	-25,493	2,329	1	,127
jeniskelamin	-25,983	3,307	1	,069
Step 2 klas_umur	-25,568	2,477	1	,116
kat_jatuh	-24,331	,003	1	,954
kat_penyakit	-25,515	2,371	1	,124
jeniskelamin	-25,983	3,304	1	,069
Step 3 klas_umur	-25,588	2,514	1	,113
kat_penyakit	-25,784	2,905	1	,088
jeniskelamin	-26,732	2,288	1	,130
Step 4 kat_penyakit	-26,870	2,565	1	,109
Step 5 kat_penyakit	-28,267	3,071	1	,080

**Variables not in the Equation**

	Score	df	Sig.
Step 2 <sup>a</sup> Variables kat_aktivitas(1)	,003	1	,958
Overall Statistics	,003	1	,958
Step 3 <sup>b</sup> Variables kat_jatuh(1)	,003	1	,954
kat_aktivitas(1)	,002	1	,965
Overall Statistics	,006	2	,997
klas_umur(1)	2,501	1	,114
Step 4 <sup>c</sup> Variables kat_jatuh(1)	,040	1	,841
kat_aktivitas(1)	,001	1	,971
Overall Statistics	2,509	3	,474
jeniskelamin(1)	2,196	1	,138
klas_umur(1)	1,517	1	,218
Step 5 <sup>d</sup> Variables kat_jatuh(1)	,021	1	,886
kat_aktivitas(1)	,035	1	,852
Overall Statistics	4,556	4	,336

- a. Variable(s) removed on step 2: kat\_aktivitas.
- b. Variable(s) removed on step 3: kat\_jatuh.
- c. Variable(s) removed on step 4: klas\_umur.
- d. Variable(s) removed on step 5: jeniskelamin.