Lampiran 1. 1 Hasil Analisis SPSS

UNIVARIAT

Statistics

		USIA	KGD	SISTOL	DIASTOL
N	Valid	205	205	205	205
	Missing	0	0	0	0
Mean		46.93	228.84	140.74	84.25
Median		46.00	212.00	140.00	85.00
Std. Deviation		12.049	108.521	30.173	15.390
Minimum		21	91	90	60
Maximum		77	584	235	144

Usia

		Frequency	Percent	Valid Percent	Cumulative Percent	Bootstrap for Percent[a]			
						Bias	Std. Error	95% Confidence Interval	
								Lower	Upper
Valid	>45	130	63.4	63.4	63.4	.2	3.4	56.2	70.2
	<45	75	36.6	36.6	100.0	-.2	3.4	29.8	43.8
	Total	205	100.0	100.0		.0	.0	100.0	100.0

a. Unless otherwise noted, bootstrap results are based on 205 bootstrap samples

Jenis_Kelamin

		Frequency	Percent	Valid Percent	Cumulative Percent	Bootstrap for Percent[a]			
						Bias	Std. Error	95% Confidence Interval	
								Lower	Upper
Valid	Perempuan	110	53.7	53.7	53.7	.3	3.4	47.3	60.9
	Laki-laki	95	46.3	46.3	100.0	-.3	3.4	39.1	52.7
	Total	205	100.0	100.0		.0	.0	100.0	100.0

a. Unless otherwise noted, bootstrap results are based on 205 bootstrap samples

PEKERJAAN

		Frequency	Percent	Valid Percent	Cumulative Percent	Bootstrap for Percent[a]			
						Bias	Std. Error	95% Confidence Interval	
								Lower	Upper
Valid	Bekerja	121	59.0	59.0	59.0	.2	3.1	52.7	64.4
	Tidak Bekerja	84	41.0	41.0	100.0	-.2	3.1	35.6	47.3
	Total	205	100.0	100.0		.0	.0	100.0	100.0

a. Unless otherwise noted, bootstrap results are based on 205 bootstrap samples

Kadar Gula Darah (KGD)

		Frequency	Percent	Valid Percent	Cumulative Percent	Bootstrap for Percent[a]			
						Bias	Std. Error	95% Confidence Interval	
								Lower	Upper
Valid	Tinggi	117	57.1	57.1	57.1	-.1	3.5	50.3	63.8
	Normal	88	42.9	42.9	100.0	.1	3.5	36.2	49.7
	Total	205	100.0	100.0		.0	.0	100.0	100.0

a. Unless otherwise noted, bootstrap results are based on 205 bootstrap samples

Hipertensi

		Frequency	Percent	Valid Percent	Cumulative Percent	Bootstrap for Percent[a]			
						Bias	Std. Error	95% Confidence Interval	
								Lower	Upper
Valid	Tinggi	136	66.3	66.3	66.3	.2	3.3	60.6	73.6
	Normal	69	33.7	33.7	100.0	-.2	3.3	26.4	39.4
	Total	205	100.0	100.0		.0	.0	100.0	100.0

a. Unless otherwise noted, bootstrap results are based on 205 bootstrap samples

BIVARIAT (KORELASI)

UJI NORMALITAS

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KGD	.125	205	.000	.917	205	.000
SISTOL	.096	205	.000	.974	205	.001
DIASTOL	.067	205	.027	.968	205	.000

a. Lilliefors Significance Correction

UJI KORELASI SPEARMAN

Correlations

			KGD	SISTOL	DIASTOL
Spearman's rho	KGD	Correlation Coefficient	1.000	.257**	.235**
		Sig. (2-tailed)	.	.000	.001
		N	205	205	205
	SISTOL	Correlation Coefficient	.257**	1.000	.741**
		Sig. (2-tailed)	.000	.	.000
		N	205	205	205
	DIASTOL	Correlation Coefficient	.235**	.741**	1.000
		Sig. (2-tailed)	.001	.000	.
		N	205	205	205

**. Correlation is significant at the 0.01 level (2-tailed).

BIVARIAT (CHI-SQUARE)

USIA*HIPERTENSI

Crosstab

			Hipertensi		Total
			Tinggi	Normal	
Usia	>45	Count	96	34	130
		% within Usia	73.8%	26.2%	100.0%
	<45	Count	40	35	75
		% within Usia	53.3%	46.7%	100.0%
Total		Count	136	69	205
		% within Usia	66.3%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	8.962[a]	1	.003		
Continuity Correction[b]	8.067	1	.005		
Likelihood Ratio	8.835	1	.003		
Fisher's Exact Test				.004	.002
Linear-by-Linear Association	8.919	1	.003		
N of Valid Cases	205				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 25.24.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Usia (>45 / <45)	2.471	1.357	4.497
For cohort Hipertensi = Tinggi	1.385	1.095	1.752
For cohort Hipertensi = Normal	.560	.384	.817
N of Valid Cases	205		

JENIS KELAMIN*HIPERTENSI

Crosstab

			Hipertensi		
			Tinggi	Normal	Total
Jenis_Kelamin	Perempuan	Count	85	25	110
		% within Jenis_Kelamin	77.3%	22.7%	100.0%
	Laki-laki	Count	51	44	95
		% within Jenis_Kelamin	53.7%	46.3%	100.0%
Total		Count	136	69	205
		% within Jenis_Kelamin	66.3%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	12.702[a]	1	.000		
Continuity Correction[b]	11.668	1	.001		
Likelihood Ratio	12.792	1	.000		
Fisher's Exact Test				.001	.000
Linear-by-Linear Association	12.640	1	.000		
N of Valid Cases	205				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 31.98.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Jenis_Kelamin (Perempuan / Laki-laki)	2.933	1.608	5.351
For cohort Hipertensi = Tinggi	1.439	1.164	1.780
For cohort Hipertensi = Normal	.491	.327	.737
N of Valid Cases	205		

PEKERJAAN*HIPERTENSI

Crosstab

			Hipertensi		Total
			Tinggi	Normal	
PEKERJAAN	Bekerja	Count	87	34	121
		% within PEKERJAAN	71.9%	28.1%	100.0%
	Tidak Bekerja	Count	49	35	84
		% within PEKERJAAN	58.3%	41.7%	100.0%
Total		Count	136	69	205
		% within PEKERJAAN	66.3%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4.087[a]	1	.043		
Continuity Correction[b]	3.502	1	.061		
Likelihood Ratio	4.060	1	.044		
Fisher's Exact Test				.051	.031
Linear-by-Linear Association	4.067	1	.044		
N of Valid Cases	205				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 28.27.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for PEKERJAAN (Bekerja / Tidak Bekerja)	1.828	1.016	3.289
For cohort Hipertensi = Tinggi	1.233	.997	1.524
For cohort Hipertensi = Normal	.674	.461	.987
N of Valid Cases	205		

Kadar Gula Darah (KGD)*HIPERTENSI

Crosstab

			Hipertensi		Total
			Tinggi	Normal	
Kadar Gula Darah (KGD)	Tinggi	Count	102	15	117
		% within Kadar Gula Darah (KGD)	87.2%	12.8%	100.0%
	Normal	Count	34	54	88
		% within Kadar Gula Darah (KGD)	38.6%	61.4%	100.0%
Total		Count	136	69	205
		% within Kadar Gula Darah (KGD)	66.3%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	53.002[a]	1	.000		
Continuity Correction[b]	50.850	1	.000		
Likelihood Ratio	54.864	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	52.743	1	.000		
N of Valid Cases	205				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 29.62.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	10.800	5.410	21.560
For cohort Hipertensi = Tinggi	2.256	1.719	2.963

For cohort Hipertensi = Normal	.209	.127	.345
N of Valid Cases	205		

Cochran Mantel Haenszel (Confounding)

Kadar Gula Darah (KGD)*HIPERTENSI*USIA

Crosstab

Usia				Hipertensi		Total
				Tinggi	Normal	
>45	Kadar Gula Darah (KGD)	Tinggi	Count	70	8	78
			% within Kadar Gula Darah (KGD)	89.7%	10.3%	100.0%
		Normal	Count	26	26	52
			% within Kadar Gula Darah (KGD)	50.0%	50.0%	100.0%
	Total		Count	96	34	130
			% within Kadar Gula Darah (KGD)	73.8%	26.2%	100.0%
<45	Kadar Gula Darah (KGD)	Tinggi	Count	32	7	39
			% within Kadar Gula Darah (KGD)	82.1%	17.9%	100.0%
		Normal	Count	8	28	36
			% within Kadar Gula Darah (KGD)	22.2%	77.8%	100.0%
	Total		Count	40	35	75
			% within Kadar Gula Darah (KGD)	53.3%	46.7%	100.0%
Total	Kadar Gula Darah (KGD)	Tinggi	Count	102	15	117
			% within Kadar Gula Darah (KGD)	87.2%	12.8%	100.0%
		Normal	Count	34	54	88
			% within Kadar Gula Darah (KGD)	38.6%	61.4%	100.0%
	Total		Count	136	69	205
			% within Kadar Gula Darah (KGD)	66.3%	33.7%	100.0%

Chi-Square Tests

Usia		Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
>45	Pearson Chi-Square	25.517[c]	1	.000		
	Continuity Correction[b]	23.500	1	.000		
	Likelihood Ratio	25.738	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	25.320	1	.000		
	N of Valid Cases	130				
<45	Pearson Chi-Square	26.923[d]	1	.000		
	Continuity Correction[b]	24.573	1	.000		
	Likelihood Ratio	28.792	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	26.564	1	.000		
	N of Valid Cases	75				
Total	Pearson Chi-Square	53.002[a]	1	.000		
	Continuity Correction[b]	50.850	1	.000		
	Likelihood Ratio	54.864	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	52.743	1	.000		
	N of Valid Cases	205				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 29.62.

b. Computed only for a 2x2 table

c. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 13.60.

d. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 16.80.

Risk Estimate

Usia		Value	95% Confidence Interval	
			Lower	Upper
>45	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	8.750	3.517	21.767
	For cohort Hipertensi = Tinggi	1.795	1.354	2.380
	For cohort Hipertensi = Normal	.205	.101	.417
	N of Valid Cases	130		
<45	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	16.000	5.147	49.734
	For cohort Hipertensi = Tinggi	3.692	1.969	6.922
	For cohort Hipertensi = Normal	.231	.115	.462
	N of Valid Cases	75		
Total	Odds Ratio for Kadar	10.800	5.410	21.560

Tests of Conditional Independence

	Chi-Squared	df	Asymp. Sig. (2-sided)
Cochran's	52.125	1	.000
Mantel-Haenszel	49.432	1	.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution. Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			11.057
ln(Estimate)			2.403
Std. Error of ln(Estimate)			.361
Asymp. Sig. (2-sided)			.000
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	5.445
		Upper Bound	22.453
	ln(Common Odds Ratio)	Lower Bound	1.695
		Upper Bound	3.111

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

Kadar Gula Darah (KGD)*HIPERTENSI*JENIS KELAMIN

Crosstab

Jenis Kelamin				Hipertensi		Total
				Tinggi	Normal	
Perempuan	Kadar Gula Darah (KGD)	Tinggi	Count	67	6	73
			% within Kadar Gula Darah (KGD)	91.8%	8.2%	100.0%
		Normal	Count	18	19	37
			% within Kadar Gula Darah (KGD)	48.6%	51.4%	100.0%
	Total		Count	85	25	110
			% within Kadar Gula Darah (KGD)	77.3%	22.7%	100.0%
Laki-laki	Kadar Gula Darah (KGD)	Tinggi	Count	35	9	44
			% within Kadar Gula Darah (KGD)	79.5%	20.5%	100.0%
		Normal	Count	16	35	51
			% within Kadar Gula Darah (KGD)	31.4%	68.6%	100.0%
	Total		Count	51	44	95
			% within Kadar Gula Darah (KGD)	53.7%	46.3%	100.0%
Total	Kadar Gula Darah (KGD)	Tinggi	Count	102	15	117
			% within Kadar Gula Darah (KGD)	87.2%	12.8%	100.0%
		Normal	Count	34	54	88
			% within Kadar Gula Darah (KGD)	38.6%	61.4%	100.0%
	Total		Count	136	69	205
			% within Kadar Gula Darah (KGD)	66.3%	33.7%	100.0%

Chi-Square Tests

Jenis Kelamin		Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Perempuan	Pearson Chi-Square	26.011[c]	1	.000		
	Continuity Correction[b]	23.613	1	.000		
	Likelihood Ratio	25.168	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	25.775	1	.000		
	N of Valid Cases	110				
Laki-laki	Pearson Chi-Square	22.046[d]	1	.000		
	Continuity Correction[b]	20.151	1	.000		
	Likelihood Ratio	23.148	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	21.814	1	.000		
	N of Valid Cases	95				
Total	Pearson Chi-Square	53.002[a]	1	.000		
	Continuity Correction[b]	50.850	1	.000		
	Likelihood Ratio	54.864	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	52.743	1	.000		
	N of Valid Cases	205				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 29.62.

b. Computed only for a 2x2 table

c. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 8.41.

d. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 20.38.

Risk Estimate

Jenis Kelamin		Value	95% Confidence Interval	
			Lower	Upper
Perempuan	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	11.787	4.104	33.854
	For cohort Hipertensi = Tinggi	1.887	1.345	2.646
	For cohort Hipertensi = Normal	.160	.070	.366
	N of Valid Cases	110		
Laki-laki	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	8.507	3.318	21.810
	For cohort Hipertensi = Tinggi	2.536	1.645	3.908
	For cohort Hipertensi = Normal	.298	.162	.549
	N of Valid Cases	95		
Total	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	10.800	5.410	21.560
	For cohort Hipertensi = Tinggi	2.256	1.719	2.963
	For cohort Hipertensi = Normal	.209	.127	.345
	N of Valid Cases	205		

Tests of Conditional Independence

	Chi-Squared	df	Asymp. Sig. (2-sided)
Cochran's	47.389	1	.000
Mantel-Haenszel	44.807	1	.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution. Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			9.796
ln(Estimate)			2.282
Std. Error of ln(Estimate)			.358
Asymp. Sig. (2-sided)			.000
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	4.852
		Upper Bound	19.777
	ln(Common Odds Ratio)	Lower Bound	1.579
		Upper Bound	2.985

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

Kadar Gula Darah (KGD)*HIPERTENSI*PEKERJAAN

Crosstab

PEKERJAAN				Hipertensi		Total
				Tinggi	Normal	
Bekerja	Kadar Gula Darah (KGD)	Tinggi	Count	64	8	72
			% within Kadar Gula Darah (KGD)	88.9%	11.1%	100.0%
		Normal	Count	23	26	49
			% within Kadar Gula Darah (KGD)	46.9%	53.1%	100.0%
	Total		Count	87	34	121
			% within Kadar Gula Darah (KGD)	71.9%	28.1%	100.0%
Tidak Bekerja	Kadar Gula Darah (KGD)	Tinggi	Count	38	7	45
			% within Kadar Gula Darah (KGD)	84.4%	15.6%	100.0%
		Normal	Count	11	28	39
			% within Kadar Gula Darah (KGD)	28.2%	71.8%	100.0%
	Total		Count	49	35	84
			% within Kadar Gula Darah (KGD)	58.3%	41.7%	100.0%
Total	Kadar Gula Darah (KGD)	Tinggi	Count	102	15	117
			% within Kadar Gula Darah (KGD)	87.2%	12.8%	100.0%
		Normal	Count	34	54	88
			% within Kadar Gula Darah (KGD)	38.6%	61.4%	100.0%
	Total		Count	136	69	205
			% within Kadar Gula Darah (KGD)	66.3%	33.7%	100.0%

Chi-Square Tests

PEKERJAAN		Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Bekerja	Pearson Chi-Square	25.397[c]	1	.000		
	Continuity Correction[b]	23.363	1	.000		
	Likelihood Ratio	25.744	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	25.187	1	.000		
	N of Valid Cases	121				
Tidak Bekerja	Pearson Chi-Square	27.188[d]	1	.000		
	Continuity Correction[b]	24.923	1	.000		
	Likelihood Ratio	28.803	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	26.864	1	.000		
	N of Valid Cases	84				
Total	Pearson Chi-Square	53.002[a]	1	.000		
	Continuity Correction[b]	50.850	1	.000		
	Likelihood Ratio	54.864	1	.000		
	Fisher's Exact Test				.000	.000
	Linear-by-Linear Association	52.743	1	.000		
	N of Valid Cases	205				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 29.62.

b. Computed only for a 2x2 table

c. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 13.77.

d. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 16.25.

Risk Estimate

PEKERJAAN		Value	95% Confidence Interval	
			Lower	Upper
Bekerja	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	9.043	3.587	22.798
	For cohort Hipertensi = Tinggi	1.894	1.391	2.579
	For cohort Hipertensi = Normal	.209	.104	.424
	N of Valid Cases	121		
Tidak Bekerja	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	13.818	4.759	40.123
	For cohort Hipertensi = Tinggi	2.994	1.787	5.017
	For cohort Hipertensi = Normal	.217	.107	.440
	N of Valid Cases	84		
Total	Odds Ratio for Kadar Gula Darah (KGD) (Tinggi / Normal)	10.800	5.410	21.560
	For cohort Hipertensi = Tinggi	2.256	1.719	2.963
	For cohort Hipertensi = Normal	.209	.127	.345
	N of Valid Cases	205		

Tests of Conditional Independence

	Chi-Squared	df	Asymp. Sig. (2-sided)
Cochran's	52.431	1	.000
Mantel-Haenszel	49.767	1	.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution. Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

Mantel-Haenszel Common Odds Ratio Estimate

Estimate			10.839
ln(Estimate)			2.383
Std. Error of ln(Estimate)			.356
Asymp. Sig. (2-sided)			.000
Asymp. 95% Confidence Interval	Common Odds Ratio	Lower Bound	5.397
		Upper Bound	21.770
	ln(Common Odds Ratio)	Lower Bound	1.686
		Upper Bound	3.081

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1.000 assumption. So is the natural log of the estimate.

PERHITUNGAN RISK DIFFERENCE MANTEL HAENSZEL

Variabel	Crude OR	OR	Adjusted OR	Hasil	±10%
Usia	2.471	8.75	11.057	40.8646	40.9%
		16			
Jenis_Kelamin	2.933	11.787	9.796	21.6091	21.6%
		8.507			
Pekerjaan	1.828	9.043	10.839	25.7703	25.8%
		13.818			