

Lampiran 6

OUPUT SPSS

1. Analisis Univariat

- a. Gambaran Kelelahan Mata Bagian Underwriting di PT BNI Life Insurance Tahun 2018

kelelahanmataresponden

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid ada kelelahan mata	28	68.3	68.3	68.3
tidak ada kelelahan mata	13	31.7	31.7	100.0
Total	41	100.0	100.0	

- b. Gambaran Usia Bagian Underwriting di PT BNI Life Insurance Tahun 2018

Usiaresponden

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Berisiko (≥ 45 tahun)	18	43.9	43.9	43.9
Tidak berisiko (< 45 tahun)	23	56.1	56.1	100.0
Total	41	100.0	100.0	

c. Kelainan Refraksi Mata

kelainanrefraksimataresponden					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ada kelainan	38	92.7	92.7	92.7
	tidak ada kelainan	3	7.3	7.3	100.0
	Total	41	100.0	100.0	

d. Istirahat Mata

Istirahatmataresponden					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak cukup	12	29.3	29.3	29.3
	Cukup	29	70.7	70.7	100.0
	Total	41	100.0	100.0	

e. Tingkat Pencahayaan

Tingkatpencahayaanresponden					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak Standar	10	24.4	24.4	24.4
	Standar	31	75.6	75.6	100.0
	Total	41	100.0	100.0	

f. Jarak Monitor

Jarak monitor responden

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Jarak tidak ideal	8	19.5	19.5	19.5
	Jarak Ideal	33	80.5	80.5	100.0
	Total	41	100.0	100.0	

2. Analisis Bivariat

- a. Hubungan antara Usia dengan Kelelahan Mata Pada Karyawan Bagian Underwriting di PT BNI Life Insurance

Usia responden * kelelahan mata responden Crosstabulation

			kelelahan mata responden		Total
			ada kelelahan mata	tidak ada kelelahan mata	
Usia responden	Berisiko (≥ 45 tahun)	Count	11	7	18
		Expected Count	12.3	5.7	18.0
		% within	61.1%	38.9%	100.0%
		Usia responden			
	Tidak berisiko (< 45 tahun)	Count	17	6	23
		Expected Count	15.7	7.3	23.0
		% within	73.9%	26.1%	100.0%
		Usia responden			
Total		Count	28	13	41
		Expected Count	28.0	13.0	41.0
		% within	68.3%	31.7%	100.0%
		Usia responden			

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.764 ^a	1	.382	.503	.295
Continuity Correction ^b	.287	1	.592		
Likelihood Ratio	.761	1	.383		
Fisher's Exact Test					
Linear-by-Linear Association	.746	1	.388		
N of Valid Cases	41				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.71.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Usiaresponsten (Berisiko ($\geq$ 45 tahun) / Tidak berisiko ($<$ 45 tahun))	.555	.147	2.093
For cohort kelelahanmataresponsten = ada kelelahan mata	.827	.532	1.285
For cohort kelelahanmataresponsten = tidak ada kelelahan mata	1.491	.607	3.664
N of Valid Cases	41		

- b. Hubungan antara Kelainan Refraksi Mata dengan Kelelahan Mata Pada Karyawan Bagian Underwriting di PT BNI Life Insurance

kelainanrefraksimataresponden * kelelahanmataresponden Crosstabulation

			kelelahanmataresponden		Total
			ada kelelahan mata	tidak ada kelelahan mata	
Kelainanrefraksimataresponden	ada kelainan	Count	26	12	38
		Expected Count	26.0	12.0	38.0
		% within kelainanrefraksimataresponden	68.4%	31.6%	100.0%
	tidak ada kelainan	Count	2	1	3
		Expected Count	2.0	1.0	3.0
		% within kelainanrefraksimataresponden	66.7%	33.3%	100.0%
Total		Count	28	13	41
		Expected Count	28.0	13.0	41.0
		% within kelainanrefraksimataresponden	68.3%	31.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.004 ^a	1	.950		
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.004	1	.950		
Fisher's Exact Test				1.000	.693
Linear-by-Linear Association	.004	1	.950		
N of Valid Cases	41				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .95.

b. Computed only for a 2x2 table

Risk Estimate			
	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kelainanrefraksimatarespon den (ada kelainan / tidak ada kelainan)	1.083	.089	13.145
For cohort kelelahanmatarespon = ada kelelahan mata	1.026	.448	2.351
For cohort kelelahanmatarespon = tidak ada kelelahan mata	.947	.179	5.019
N of Valid Cases	41		

- c. Hubungan antara Istirahat Mata dengan Kelelahan Mata Pada Karyawan Bagian Underwriting di PT BNI Life Insurance

Istirahatmatarespon = kelelahanmatarespon Crosstabulation				
			kelelahanmatarespon	
			ada kelelahan mata	tidak ada kelelahan mata
Istirahatmatarespon	Tidak cukup	Count	12	0
		Expected Count	8.2	3.8
		% within Istirahatmatarespon	100.0%	0.0%
		Total	12	12.0
	Cukup	Count	16	13
		Expected Count	19.8	9.2
		% within Istirahatmatarespon	55.2%	44.8%
		Total	29	29.0
Total		Count	28	13
		Expected Count	28.0	13.0
		% within Istirahatmatarespon	68.3%	31.7%
		Total	41	41.0

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	7.877 ^a	1	.005		
Continuity Correction ^b	5.943	1	.015		
Likelihood Ratio	11.329	1	.001		
Fisher's Exact Test				.007	.004
Linear-by-Linear Association	7.685	1	.006		
N of Valid Cases	41				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 3.80.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
For cohort kelelahanmatarespon = ada kelelahan mata	1.813	1.306	2.516
N of Valid Cases	41		

- d. Hubungan antara Tingkat Pencahayaan dengan Kelelahan Mata Pada Karyawan Bagian Underwriting di PT BNI Life Insurance

Tingkatpencahayaanresponden * kelelahanmataresponden Crosstabulation

			kelelahanmataresponden		Total
			ada kelelahan mata	tidak ada kelelahan mata	
Tingkatpencahayaanresponden	Tidak Standar	Count	10	0	10
		Expected Count	6.8	3.2	10.0
		% within			
		Tingkatpencahayaanresponden	100.0%	0.0%	100.0%
	Standar	Count	18	13	31
		Expected Count	21.2	9.8	31.0
		% within			
		Tingkatpencahayaanresponden	58.1%	41.9%	100.0%
Total		Count	28	13	41
		Expected Count	28.0	13.0	41.0
		% within			
		Tingkatpencahayaanresponden	68.3%	31.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	6.141 ^a	1	.013		
Continuity Correction ^b	4.357	1	.037		
Likelihood Ratio	9.056	1	.003		
Fisher's Exact Test				.017	.012
Linear-by-Linear Association	5.991	1	.014		
N of Valid Cases	41				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 3.17.

b. Computed only for a 2x2 table

Risk Estimate			
	Value	95% Confidence Interval	
		Lower	Upper
For cohort kelelahanmataresponden = ada kelelahan mata	1.722	1.277	2.323
N of Valid Cases	41		

- e. Hubungan antara Jarak Monitor dengan Kelelahan Mata Pada Karyawan Bagian Underwriting di PT BNI Life Insurance

Jarakmonitorresponden * kelelahanmataresponden Crosstabulation					
			Kelelahanmataresponden		Total
			ada kelelahan mata	tidak ada kelelahan mata	
Jarakmonitorresponden	Jarak tidak ideal	Count	8	0	8
		Expected Count	5.5	2.5	8.0
		% within Jarakmonitorresponden	100.0%	0.0%	100.0%
	Jarak Ideal	Count	20	13	33
		Expected Count	22.5	10.5	33.0
		% within Jarakmonitorresponden	60.6%	39.4%	100.0%
Total	Count	28	13	41	
	Expected Count	28.0	13.0	41.0	
	% within Jarakmonitorresponden	68.3%	31.7%	100.0%	

Risk Estimate			
	Value	95% Confidence Interval	
		Lower	Upper
For cohort kelelahanmataresponden = ada kelelahan mata	1.650	1.253	2.172
N of Valid Cases	41		

3. Hubungan antara Kelainan Refraksi Mata dengan Variabel lainnya:
 a. Hubungan antara Kelainan Refraksi Mata dengan Usia

Usiaresponden * kelainanrefraksimataresponden Crosstabulation					
			kelainanrefraksimataresponden		Total
			ada kelainan	tidak ada kelainan	
Usiaresponden	Berisiko (≥ 45 tahun)	Count	17	1	18
		Expected Count	16.7	1.3	18.0
		% within Usiaresponden	94.4%	5.6%	100.0%
	Tidak berisiko (< 45 tahun)	Count	21	2	23
		Expected Count	21.3	1.7	23.0
		% within Usiaresponden	91.3%	8.7%	100.0%
	Total	Count	38	3	41
		Expected Count	38.0	3.0	41.0
		% within Usiaresponden	92.7%	7.3%	100.0%

Chi-Square Tests

	Value	Df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.147 ^a	1	.702	1.000	.593
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.150	1	.698		
Fisher's Exact Test					
Linear-by-Linear Association	.143	1	.705		
N of Valid Cases	41				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.32.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Usiarespon (Berisiko ($\geq$ 45 tahun) / Tidak berisiko ($<$ 45 tahun))	1.619	.135	19.414
For cohort kelainanrefraksimatarespon den = ada kelainan	1.034	.874	1.224
For cohort kelainanrefraksimatarespon den = tidak ada kelainan	.639	.063	6.500
N of Valid Cases	41		

b. Hubungan antara Kelainan Refraksi Mata dengan Istirahat Mata

Istirahatmataresponden * kelainanrefraksimataresponden Crosstabulation

			kelainanrefraksimataresponden		Total
			ada kelainan	tidak ada kelainan	
Istirahatmataresponden	Tidak cukup	Count	12	0	12
		Expected Count	11.1	.9	12.0
		% within	100.0%	0.0%	100.0%
		Istirahatmataresponden			
	Cukup	Count	26	3	29
		Expected Count	26.9	2.1	29.0
		% within	89.7%	10.3%	100.0%
		Istirahatmataresponden			
Total		Count	38	3	41
		Expected Count	38.0	3.0	41.0
		% within	92.7%	7.3%	100.0%
		Istirahatmataresponden			

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.339 ^a	1	.247		
Continuity Correction ^b	.248	1	.618		
Likelihood Ratio	2.174	1	.140		
Fisher's Exact Test				.543	.343
Linear-by-Linear Association	1.307	1	.253		
N of Valid Cases	41				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .88.

b. Computed only for a 2x2 table

Risk Estimate			
	Value	95% Confidence Interval	
		Lower	Upper
For cohort kelainanrefraksimatarespon den = ada kelainan	1.115	.986	1.262
N of Valid Cases	41		

c. Hubungan antara Kelainan Refraksi Mata dengan Tingkat Pencahayaan

Tingkatpencahayaanresponden * kelainanrefraksimataresponden Crosstabulation					
			kelainanrefraksimataresponde		Total
			n		
			ada kelainan	tidak ada kelainan	
Tingkatpencahayaanresponden	Tidak Standar	Count	10	0	10
		Expected Count	9.3	.7	10.0
		% within			
		Tingkatpencahayaanresponden	100.0%	0.0%	100.0%
	Standar	Count	28	3	31
		Expected Count	28.7	2.3	31.0
		% within			
		Tingkatpencahayaanresponden	90.3%	9.7%	100.0%
Total	Count	38	3	41	
	Expected Count	38.0	3.0	41.0	
	% within				
	Tingkatpencahayaanresponden	92.7%	7.3%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.044 ^a	1	.307	.564	.422
Continuity Correction ^b	.105	1	.746		
Likelihood Ratio	1.753	1	.186		
Fisher's Exact Test					
Linear-by-Linear Association	1.019	1	.313		
N of Valid Cases	41				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .73.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
For cohort kelainanrefraksimatarespon den = ada kelainan	1.107	.987	1.242
N of Valid Cases	41		

d. Hubungan antara Kelainan Refraksi Mata dengan Jarak Monitor

Jarakmonitorresponden * kelainanrefraksimataresponden Crosstabulation

			kelainanrefraksimataresponden		Total
			ada kelainan	tidak ada kelainan	
Jarakmonitorresponden	Jarak tidak ideal	Count	7	1	8
		Expected Count	7.4	.6	8.0
		% within Jarakmonitorresponden	87.5%	12.5%	100.0%
	Jarak Ideal	Count	31	2	33
		Expected Count	30.6	2.4	33.0
		% within Jarakmonitorresponden	93.9%	6.1%	100.0%
Total		Count	38	3	41
		Expected Count	38.0	3.0	41.0
		% within Jarakmonitorresponden	92.7%	7.3%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.394 ^a	1	.530		
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.347	1	.556		
Fisher's Exact Test				.488	.488
Linear-by-Linear Association	.384	1	.535		
N of Valid Cases	41				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .59.

b. Computed only for a 2x2 table

Risk Estimate			
	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Jarakmonitorresponden (Jarak tidak ideal / Jarak Ideal)	.452	.036	5.707
For cohort kelainanrefraksimatarespon den = ada kelainan	.931	.707	1.227
For cohort kelainanrefraksimatarespon den = tidak ada kelainan	2.063	.212	20.020
N of Valid Cases	41		

4. Crosstab Usia dengan variable lainnya
 a. Hubungan antara Usia dengan Kelainan Refraksi Mata

kelainanrefraksimataresponden * Usiaresponden Crosstabulation

			Usiaresponden		Total
			Berisiko (≥ 45 tahun)	Tidak berisiko (< 45 tahun)	
Kelainanrefraksimataresponden	ada kelainan	Count	17	21	38
		Expected Count	16.7	21.3	38.0
		% within kelainanrefraksimataresponden	44.7%	55.3%	100.0%
	tidak ada kelainan	Count	1	2	3
		Expected Count	1.3	1.7	3.0
		% within kelainanrefraksimataresponden	33.3%	66.7%	100.0%
Total		Count	18	23	41
		Expected Count	18.0	23.0	41.0
		% within kelainanrefraksimataresponden	43.9%	56.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.147 ^a	1	.702	1.000	.593
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.150	1	.698		
Fisher's Exact Test					
Linear-by-Linear Association	.143	1	.705		
N of Valid Cases	41				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.32.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kelainanrefraksimatarespon den (ada kelainan / tidak ada kelainan)	1.619	.135	19.414
For cohort Usiarespon den = Berisiko (≥ 45 tahun)	1.342	.261	6.911
For cohort Usiarespon den = Tidak berisiko (< 45 tahun)	.829	.354	1.939
N of Valid Cases	41		

b. Hubungan Antara Usia dengan Istirahat Mata

Istirahatmatarespon den * Usiarespon den Crosstabulation

			Usiarespon den		Total
			Berisiko (≥ 45 tahun)	Tidak berisiko (< 45 tahun)	
Istirahatmatarespon den	Tidak cukup	Count	5	7	12
		Expected Count	5.3	6.7	12.0
		% within Istirahatmatarespon den	41.7%	58.3%	100.0%
	Cukup	Count	13	16	29
		Expected Count	12.7	16.3	29.0
		% within Istirahatmatarespon den	44.8%	55.2%	100.0%
	Total	Count	18	23	41
		Expected Count	18.0	23.0	41.0
		% within Istirahatmatarespon den	43.9%	56.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.034 ^a	1	.853	1.000	.566
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.035	1	.853		
Fisher's Exact Test					
Linear-by-Linear Association	.034	1	.855		
N of Valid Cases	41				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.27.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Istirahatmatarespon	.879	.225	3.429
(Tidak cukup / Cukup)			
For cohort Usiarespon	.929	.425	2.031
= Berisiko (≥ 45 tahun)			
For cohort Usiarespon	1.057	.592	1.888
= Tidak berisiko (< 45 tahun)			
N of Valid Cases	41		

c. Hubungan antara Usia dengan Tingkat Pencapaian

Tingkatpencapaianresponen * Usiaresponen Crosstabulation

			Usiaresponen		Total
			Berisiko ($\geq$ 45 tahun)	Tidak berisiko (< 45 tahun)	
Tingkatpencapaianresponen	Tidak Standar	Count	5	5	10
		Expected Count	4.4	5.6	10.0
		% within			
		Tingkatpencapaianresponen	50.0%	50.0%	100.0%
	Standar	Count	13	18	31
		Expected Count	13.6	17.4	31.0
		% within			
		Tingkatpencapaianresponen	41.9%	58.1%	100.0%
Total		Count	18	23	41
		Expected Count	18.0	23.0	41.0
		% within			
		Tingkatpencapaianresponen	43.9%	56.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.200 ^a	1	.655		
Continuity Correction ^b	.006	1	.936		
Likelihood Ratio	.199	1	.656		
Fisher's Exact Test				.724	.465
Linear-by-Linear Association	.195	1	.659		
N of Valid Cases	41				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.39.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Tingkatpencahayaanrespon den (Tidak Standar / Standar)	1.385	.331	5.787
For cohort Usiarespon den = Berisiko (≥ 45 tahun)	1.192	.566	2.513
For cohort Usiarespon den = Tidak berisiko (< 45 tahun)	.861	.433	1.714
N of Valid Cases	41		

d. Hubungan Antara Usia dengan Jarak Monitor

Jarakmonitorrespon den * Usiarespon den Crosstabulation

			Usiarespon den		Total
			Berisiko (≥ 45 tahun)	Tidak berisiko (< 45 tahun)	
Jarakmonitorrespon den	Jarak tidak ideal	Count	3	5	8
		Expected Count	3.5	4.5	8.0
		% within Jarakmonitorrespon den	37.5%	62.5%	100.0%
	Jarak Ideal	Count	15	18	33
		Expected Count	14.5	18.5	33.0
		% within Jarakmonitorrespon den	45.5%	54.5%	100.0%
Total	Count		18	23	41
	Expected Count		18.0	23.0	41.0
	% within Jarakmonitorrespon den		43.9%	56.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.165 ^a	1	.684	1.000	.500
Continuity Correction ^b	.000	1	.992		
Likelihood Ratio	.167	1	.683		
Fisher's Exact Test					
Linear-by-Linear Association	.161	1	.688		
N of Valid Cases	41				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 3.51.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Jarakmonitorresponden (Jarak tidak ideal / Jarak Ideal)	.720	.147	3.520
For cohort Usiaresponden = Berisiko (≥ 45 tahun)	.825	.313	2.175
For cohort Usiaresponden = Tidak berisiko (< 45 tahun)	1.146	.616	2.131
N of Valid Cases	41		