

Lampiran 6. Hasil COHb dan indeks eritrosit berdasarkan usia dan jarak tempuh

Kelompok Usia (tahun)	Kode Spesimen	Kadar COHb	MCV	MCH	MCHC
		(%)	(fL)	(pg)	(%)
26 - 30	1	7.75	84	28	34
	3	10.73	78	26	33
	4	8.56	59	19	33
	5	7.68	61	18	31
	6	9.48	89	31	35
	7	9.15	90	31	35
	9	9.11	85	29	34
	10	9.94	87	30	34
	11	7.42	89	31	35
	21	7.69	93	33	35
31 - 35	2	7.31	85	29	35
	8	9.88	87	30	34
	12	8.60	84	28	34
	13	7.88	78	26	33
	15	9.17	74	26	35
	16	8.92	76	26	34
	34	8.57	86	32	35
	43	8.49	85	28	33
	44	9.22	77	25	31
	50	5.77	78	25	33
36 - 40	14	9.48	86	30	35
	17	9.73	86	30	35
	18	8.07	86	30	35
	19	7.77	88	31	35
	20	5.50	86	30	35
	25	7.72	84	30	35
	26	6.28	86	31	35
	28	7.90	91	32	35
	30	7.96	89	32	35
	31	8.56	87	30	35
	36	8.35	91	32	35
	37	9.05	84	29	35
	41	8.34	90	30	34
	48	8.58	86	29	33
	49	8.51	77	26	34

Kelompok Usia (tahun)	Kode Spesimen	Kadar COHb	MCV	MCH	MCHC
		(%)	(fL)	(pg)	(%)
41 - 45	22	7.79	92	32	35
	23	7.85	89	32	35
	24	8.01	86	30	35
	27	7.93	85	30	35
	29	7.90	82	28	35
	32	8.41	77	27	35
	33	9.01	92	32	35
	45	5.59	82	27	33
	46	7.66	66	22	32
	47	8.51	84	29	35
46 - 50	35	8.76	90	31	34
	38	8.91	100	34	35
	39	8.40	87	28	33
	40	8.47	91	32	35
	42	8.42	76	24	31
Rata-rata		8.29	83.98	28.82	34.2
Nilai normal		< 3,5 %.	80-100 fL	27-34 pg	31,6-35,4 %

Kelompok Jarak Tempuh (km)	Kode Spesimen	Kadar COHb	MCV	MCH	MCHC
		(%)	(fL)	(pg)	(%)
6 - 10	1	7.75	84	28	34
	3	10.73	78	26	33
	4	8.56	59	19	33
	6	9.48	89	31	35
	7	9.15	90	31	35
	9	9.11	85	29	34
	10	9.94	87	30	34
	12	8.60	84	28	34
	17	9.73	86	30	35
	21	7.69	93	33	35

Kelompok Jarak (km)	Kode Spesimen	COHb	MCV	MCH	MCHC
		(%)	(fL)	(pg)	(%)
11 - 15	5	7.68	61	18	31
	14	9.48	86	30	35
	16	8.92	76	26	34
	20	5.50	86	30	35
	25	7.72	84	30	35
	26	6.28	86	31	35
	29	7.90	82	28	35
	36	8.35	91	32	35
	37	9.05	84	29	35
	50	5.77	78	25	33
16 - 20	2	7.31	85	29	35
	8	9.88	87	30	34
	11	7.42	89	31	35
	15	9.17	74	26	35
	22	7.79	92	32	35
	23	7.85	89	32	35
	24	8.01	86	30	35
	27	7.93	85	30	35
	30	7.96	89	32	35
	31	8.56	87	30	35
21 - 25	13	7.88	78	26	33
	28	7.90	91	32	35
	32	8.41	77	27	35
	33	9.01	92	32	35
	34	8.57	86	32	35
	35	8.76	90	31	34
	38	8.91	100	34	35
	39	8.40	87	28	33
	40	8.47	91	32	35
	41	8.34	90	30	34
	45	5.59	80	27	33
	46	7.66	66	22	32
	47	8.51	84	29	35
	48	8.58	86	29	33
	49	8.51	77	26	34
>26	18	8.07	86	30	35
	19	7.77	88	31	35
	42	8.42	76	24	31
	43	8.49	85	28	33
	44	9.22	77	25	31
Rata-rata		8.29	83.98	28.82	34.2
Nilai normal		< 3,5 %.	80-100 fL	27-34 pg	31,6-35,4 %

Lampiran 7. Hasil uji statistik

Korelasi antara usia dengan kadar COHb dan indeks eritrosit

Usia (Tahun)	COHb	MCV		MCH		MCHC	
	Tinggi	Normal	Rendah	Normal	Rendah	Normal	Rendah
	n	n	n	n	n	n	n
26-30	10	7	3	7	3	9	1
31-35	10	5	5	5	5	9	1
36-40	15	14	1	14	1	15	0
41-45	10	8	2	9	1	10	0
46-50	5	4	1	4	1	4	1
Chi square p-value	Tidak dapat diketahui	0,164		0,097		0,420	

Korelasi antara jarak dengan kadar COHb dan indeks eritrosit

Jarak (km)	COHb	MCV		MCH		MCHC	
	Tinggi	Normal	Rendah	Normal	Rendah	Normal	Rendah
	n	n	n	n	n	n	n
6-10	10	8	2	8	2	10	0
11-15	10	7	3	7	3	9	1
16-20	10	9	1	9	1	10	0
21-25	15	11	4	12	3	15	0
>26	5	3	2	3	2	3	2
Chi square p-value	Tidak dapat diketahui	0,714		0,696		0,012	

Uji Normalitas**Case Processing Summary**

	Cases		Missing	Percent	Total	Percent
	Valid					
	N	Percent	N	Percent	N	Percent
Kadar COHb	50	100.0%	0	0.0%	50	100.0%
Kadar MCV	50	100.0%	0	0.0%	50	100.0%
Kadar MCH	50	100.0%	0	0.0%	50	100.0%
Kadar MCHC	50	100.0%	0	0.0%	50	100.0%

Descriptives

		Statistic	Std. Error
Kadar COHb	Mean	8.2948	.14619
	95% Confidence Interval Lower Bound for Mean	8.0010	
	Upper Bound	8.5886	
	5% Trimmed Mean	8.3368	
	Median	8.4150	
	Variance	1.069	
	Std. Deviation	1.03372	
	Minimum	5.50	
	Maximum	10.73	
	Range	5.23	
	Interquartile Range	1.16	
	Skewness	-.692	.337
	Kurtosis	1.542	.662
Kadar MCV	Mean	83.9800	1.08590
	95% Confidence Interval Lower Bound for Mean	81.7978	
	Upper Bound	86.1622	
	5% Trimmed Mean	84.6000	
	Median	86.0000	
	Variance	58.959	
	Std. Deviation	7.67846	
	Minimum	59.00	
	Maximum	100.00	
	Range	41.00	
	Interquartile Range	9.50	
	Skewness	-1.360	.337
	Kurtosis	2.761	.662
Kadar MCH	Mean	28.8200	.46571
	95% Confidence Interval Lower Bound for Mean	27.8841	
	Upper Bound	29.7559	
	5% Trimmed Mean	29.1111	
	Median	30.0000	
	Variance	10.844	
	Std. Deviation	3.29310	
	Minimum	18.00	
	Maximum	34.00	
	Range	16.00	
	Interquartile Range	4.00	
	Skewness	-1.388	.337
	Kurtosis	2.392	.662
Kadar MCHC	Mean	34.2000	.16413
	95% Confidence Interval Lower Bound for Mean	33.8702	
	Upper Bound	34.5298	
	5% Trimmed Mean	34.3333	
	Median	35.0000	
	Variance	1.347	

Std. Deviation	1.16058	
Minimum	31.00	
Maximum	35.00	
Range	4.00	
Interquartile Range	1.25	
Skewness	-1.469	.337
Kurtosis	1.467	.662

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kadar COHb	.150	50	.007	.936	50	.009
Kadar MCV	.221	50	.000	.880	50	.000
Kadar MCH	.180	50	.000	.885	50	.000
Kadar MCHC	.335	50	.000	.714	50	.000

a. Lilliefors Significance Correction

Uji Homogenitas

Tests of Homogeneity of Variances

		Levene			
		Statistic	df1	df2	Sig.
Hasil	Based on Mean	28.043	3	196	.000
	Based on Median	19.009	3	196	.000
	Based on Median and with adjusted df	19.009	3	72.336	.000
	Based on trimmed mean	24.561	3	196	.000

ANOVA

Hasil

	Sum of				
	Squares	df	Mean Square	F	Sig.
Between Groups	154627.889	3	51542.630	2854.805	.000
Within Groups	3538.720	196	18.055		
Total	158166.609	199			

Uji korelasi COHb, MCV, MCH, MCHC

Correlations

			Kadar COHb	MCV	MCH	MCHC
Spearman's rho	Kadar COHb	Correlation Coefficient	1.000	.037	-.013	-.057
		Sig. (2-tailed)	.	.799	.928	.696
		N	50	50	50	50
	MCV	Correlation Coefficient	.037	1.000	.927**	.543**
		Sig. (2-tailed)	.799	.	.000	.000
		N	50	50	50	50
	MCH	Correlation Coefficient	-.013	.927**	1.000	.731**
		Sig. (2-tailed)	.928	.000	.	.000
		N	50	50	50	50
	MCHC	Correlation Coefficient	-.057	.543**	.731**	1.000
		Sig. (2-tailed)	.696	.000	.000	.
		N	50	50	50	50

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

Uji Pearson Chi Square

Usia * Hasil COHb Crosstabulation

			Hasil COHb Hasil Tidak Normal	Total
Usia	usia 26-30	Count	10	10
		Expected Count	10.0	10.0
		% within Usia	100.0%	100.0%
	usia 31-35	Count	10	10
		Expected Count	10.0	10.0
		% within Usia	100.0%	100.0%
	usia 36-40	Count	15	15
		Expected Count	15.0	15.0
		% within Usia	100.0%	100.0%
	usia 41-45	Count	10	10
		Expected Count	10.0	10.0
		% within Usia	100.0%	100.0%
	usia 46-50	Count	5	5
		Expected Count	5.0	5.0
		% within Usia	100.0%	100.0%
Total	Count		50	50
	Expected Count		50.0	50.0
	% within Usia		100.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	. ^a
N of Valid Cases	50

a. No statistics are computed because Hasil COHb is a constant.

Usia * Hasil MCV Crosstabulation

		Hasil MCV			
		Normal	Hasil rendah	Total	
Usia	usia 26-30	Count	7	3	10
		% within Usia	70.0%	30.0%	100.0%
	usia 31-35	Count	5	5	10
		% within Usia	50.0%	50.0%	100.0%
	usia 36-40	Count	14	1	15
		% within Usia	93.3%	6.7%	100.0%
	usia 41-45	Count	8	2	10
		% within Usia	80.0%	20.0%	100.0%
	usia 46-50	Count	4	1	5
		% within Usia	80.0%	20.0%	100.0%
Total	Count	38	12	50	
	% within Usia	76.0%	24.0%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.506 ^a	4	.164
Likelihood Ratio	6.668	4	.155
Linear-by-Linear Association	1.458	1	.227
N of Valid Cases	50		

a. 6 cells (60.0%) have expected count less than 5. The minimum expected count is 1.20.

Usia * Hasil MCH Crosstabulation

			Hasil MCH		Total
			Normal	Hasil Rendah	
Usia	usia 26-30	Count	7	3	10
		% within Usia	70.0%	30.0%	100.0%
	usia 31-35	Count	5	5	10
		% within Usia	50.0%	50.0%	100.0%
	usia 36-40	Count	14	1	15
		% within Usia	93.3%	6.7%	100.0%
	usia 41-45	Count	9	1	10
		% within Usia	90.0%	10.0%	100.0%
usia 46-50	Count	4	1	5	

	% within Usia	80.0%	20.0%	100.0%
Total	Count	39	11	50
	% within Usia	78.0%	22.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.848 ^a	4	.097
Likelihood Ratio	7.757	4	.101
Linear-by-Linear Association	2.463	1	.117
N of Valid Cases	50		

a. 6 cells (60.0%) have expected count less than 5. The minimum expected count is 1.10.

Usia * Hasil MCHC Crosstabulation

			Hasil MCHC		Total
			Normal	Hasil rendah	
Usia	usia 26-30	Count	9	1	10
		% within Usia	90.0%	10.0%	100.0%
	usia 31-35	Count	9	1	10
		% within Usia	90.0%	10.0%	100.0%
	usia 36-40	Count	15	0	15
		% within Usia	100.0%	0.0%	100.0%
	usia 41-45	Count	10	0	10
		% within Usia	100.0%	0.0%	100.0%
usia 46-50	Count	4	1	5	
	% within Usia	80.0%	20.0%	100.0%	
Total	Count	47	3	50	
	% within Usia	94.0%	6.0%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.901 ^a	4	.420
Likelihood Ratio	4.689	4	.321
Linear-by-Linear Association	.036	1	.850
N of Valid Cases	50		

a. 6 cells (60.0%) have expected count less than 5. The minimum expected count is .30.

Jarak * Hasil COHb Crosstabulation

		Hasil COHb		Total
		Hasil Tidak Normal		
Jarak	jarak 6-10	Count	10	10

	% within Jarak	100.0%	100.0%
jarak 11-15	Count	10	10
	% within Jarak	100.0%	100.0%
jarak 16-20	Count	10	10
	% within Jarak	100.0%	100.0%
jarak 21-25	Count	15	15
	% within Jarak	100.0%	100.0%
jarak >26	Count	5	5
	% within Jarak	100.0%	100.0%
Total	Count	50	50
	% within Jarak	100.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	. ^a
N of Valid Cases	50

a. No statistics are computed because Hasil COHb is a constant.

Jarak * Hasil MCV Crosstabulation

			Hasil MCV		
			Normal	Hasil Tidak Normal	Total
Jarak	jarak 6-10	Count	8	2	10
		% within Jarak	80.0%	20.0%	100.0%
	jarak 11-15	Count	7	3	10
		% within Jarak	70.0%	30.0%	100.0%
	jarak 16-20	Count	9	1	10
		% within Jarak	90.0%	10.0%	100.0%
	jarak 21-25	Count	11	4	15
		% within Jarak	73.3%	26.7%	100.0%
	jarak >26	Count	3	2	5
		% within Jarak	60.0%	40.0%	100.0%
Total	Count	38	12	50	
	% within Jarak	76.0%	24.0%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	2.120 ^a	4	.714
Likelihood Ratio	2.253	4	.689
Linear-by-Linear Association	.308	1	.579
N of Valid Cases	50		

a. 6 cells (60.0%) have expected count less than 5. The minimum expected count is 1.20.

Jarak * Hasil MCH Crosstabulation

			Hasil MCH		Total
			Normal	Hasil Tidak Normal	
Jarak	jarak 6-10	Count	8	2	10
		% within Jarak	80.0%	20.0%	100.0%
	jarak 11-15	Count	7	3	10
		% within Jarak	70.0%	30.0%	100.0%
	jarak 16-20	Count	9	1	10
		% within Jarak	90.0%	10.0%	100.0%
	jarak 21-25	Count	12	3	15
		% within Jarak	80.0%	20.0%	100.0%
	jarak >26	Count	3	2	5
		% within Jarak	60.0%	40.0%	100.0%
Total	Count	39	11	50	
	% within Jarak	78.0%	22.0%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	2.214 ^a	4	.696
Likelihood Ratio	2.222	4	.695
Linear-by-Linear Association	.082	1	.775
N of Valid Cases	50		

a. 6 cells (60.0%) have expected count less than 5. The minimum expected count is 1.10.

Jarak * Hasil MCHC Crosstabulation

			Hasil MCHC		
			Normal	Hasil Tidak Normal	Total
Jarak	jarak 6-10	Count	10	0	10
		% within Jarak	100.0%	0.0%	100.0%
	jarak 11-15	Count	9	1	10
		% within Jarak	90.0%	10.0%	100.0%
	jarak 16-20	Count	10	0	10
		% within Jarak	100.0%	0.0%	100.0%
	jarak 21-25	Count	15	0	15
		% within Jarak	100.0%	0.0%	100.0%
	jarak >26	Count	3	2	5
		% within Jarak	60.0%	40.0%	100.0%
Total		Count	47	3	50
		% within Jarak	94.0%	6.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)
Pearson Chi-Square	12.766 ^a	4	.012
Likelihood Ratio	9.465	4	.050
Linear-by-Linear Association	2.239	1	.135
N of Valid Cases	50		

a. 6 cells (60.0%) have expected count less than 5. The minimum expected count is .30.

Lampiran 8. Dokumentasi penelitian





