

DAFTAR PUSTAKA

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Lampiran 1 .*Informed consent*

INFORMED CONSENT PENELITIAN HUBUNGAN ANTARA PAPARAN ASAP DENGAN KEJADIAN KARIES GIGI (Studi pada Pekerja Pengasapan Ikan di Desa Bandarharjo, Kabupaten Semarang, Jawa Tengah)

Setelah mendengar penjelasan dan diberi kesempatan untuk mengajukan pertanyaan-pertanyaan mengenai tujuan, manfaat, prosedur, lamanya waktu, dan resiko penelitian ini, saya atas nama pribadi memahami tujuan, manfaat, prosedur, lamanya waktu, dan resiko penelitian ini serta bersedia tanda tangan dibawah ini secara sukarela untuk berpartisipasi dalam penelitian ini:

Nama :

Jenis kelamin :

Umur :

Alamat :

.....

No Telp/Hp :

Dengan ketentuan apabila ada hal-hal yang tidak berkenan pada saya, maka saya berhak mengajukan pengunduran diri dari penelitian ini.

Semarang,...../...../2014

Peneliti

Responden

(Uun Uniati Melinda Sari)

(.....)

Saksi

(.....)

Lampiran 2. Indeks DMFT

Indeks DMFT

Nama :

Usia :

Jenis kelamin : a. Laki-laki

b. Perempuan

1. Pengalaman Karies

Indeks DMFT (WHO)

17	16	15	14	13	12	11	21	22	23	24	25	26	27
47	46	45	44	43	42	41	31	32	33	34	35	36	37

D = decay

M = missing

F = filling

Lampiran 3. Daftar Pertanyaan

DAFTAR PERTANYAAN

Pertanyaan	Ya / Tidak
1. Apakah saudara suka makanan atau minuman manis seperti teh manis, permen, sirup dan sebagainya dalam jumlah banyak?	
2. Frekuensi menggosok gigi dalam sehari? Apakah rutin kontrol ke dokter gigi 6 bulan sekali?	
3. Apakah setelah makan anda membersihkan sisa-sisa makanan yang menempel pada sela gigi anda? Dengan cara kumur atau mencongkel?	
4. Apakah anda memiliki kebiasaan merokok? Berapa batang sehari?	
5. Apakah anda sering mengkonsumsi makanan tinggi fluorida seperti sayur-sayuran, makanan laut, daging dan buah-buahan? Konsumsi air dari aqua, sumur atau ledeng?	

Lampiran 4. Formulir data sampel

PENELITIAN HUBUNGAN ANTARA PAPARAN ASAP DENGAN KEJADIAN KARIES GIGI (Studi pada Pekerja Pengasapan Ikan di Desa Bandarharjo, Kabupaten Semarang, Jawa Tengah)

I. IDENTITAS

Nama :

Jenis kelamin :

Umur :

Alamat :

.....

No Telp/Hp :

II. DIAGNOSA

Diagnosa karies gigi : Ya / Tidak

III. TOTAL SKOR INDEKS KARIES :.....

Lampiran 5. Analisis data

Usia * Indeks karies Crosstabulation

			Indeks karies		Total
			Rendah	Tinggi	
Usia	< 48	Count	24	11	35
		Expected Count	16.8	18.2	35.0
		% within Indeks karies	66.7%	28.2%	46.7%
		% of Total	32.0%	14.7%	46.7%
	>= 48	Count	12	28	40
		Expected Count	19.2	20.8	40.0
		% within Indeks karies	33.3%	71.8%	53.3%
		% of Total	16.0%	37.3%	53.3%
Total		Count	36	39	75
		Expected Count	36.0	39.0	75.0
		% within Indeks karies	100.0%	100.0%	100.0%
		% of Total	48.0%	52.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	11.126 ^b	1	.001	.001	.001
Continuity Correction ^a	9.635	1	.002		
Likelihood Ratio	11.409	1	.001		
Fisher's Exact Test					
Linear-by-Linear Association	10.978	1	.001		
N of Valid Cases	75				

a. Computed only for a 2x2 table

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

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Usia (< 48 / >= 48)	5.091	1.905	13.607
For cohort Indeks karies = Rendah	2.286	1.354	3.859
For cohort Indeks karies = Tinggi	.449	.264	.763
N of Valid Cases	75		

Case Sum maries

Usia

Paparan asap	N	Mean	Std. Deviation	Median	Minimum	Maximum
Tidak	34	46.26	9.699	45.00	30	66
Ya	41	48.05	7.252	50.00	32	60
Total	75	47.24	8.437	48.00	30	66

Crosstabs

Jenis kelamin * Paparan asap Crosstabulation

			Paparan asap		Total
			Tidak	Ya	
Jenis kelamin	Laki-laki	Count	10	8	18
		% within Paparan asap	29.4%	19.5%	24.0%
		% of Total	13.3%	10.7%	24.0%
	Perempuan	Count	24	33	57
		% within Paparan asap	70.6%	80.5%	76.0%
		% of Total	32.0%	44.0%	76.0%
Total	Count	34	41	75	
	% within Paparan asap	100.0%	100.0%	100.0%	
	% of Total	45.3%	54.7%	100.0%	

Explore

Usia

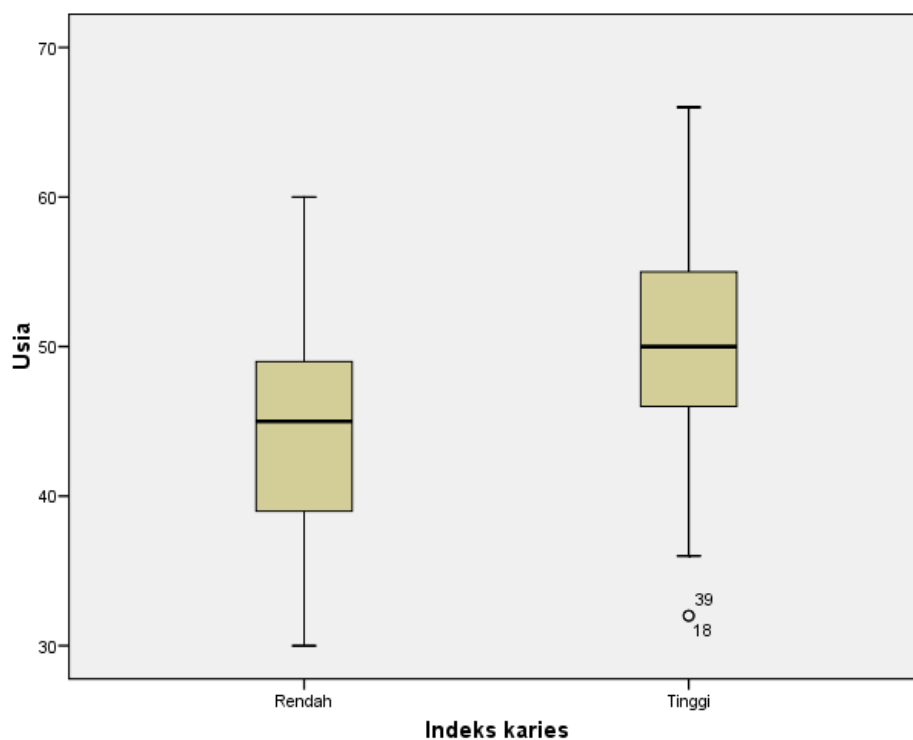
Descriptives

Indeks karies				Statistic	Std. Error
Usia	Rendah	Mean		44.81	1.328
		95% Confidence Interval for Mean	Lower Bound	42.11	
			Upper Bound	47.50	
		5% Trimmed Mean		44.78	
		Median		45.00	
		Variance		63.533	
		Std. Deviation		7.971	
		Minimum		30	
		Maximum		60	
		Range		30	
		Interquartile Range		11	
		Skew ness		.308	.393
		Kurtosis		-.456	.768
	Tinggi	Mean		49.49	1.333
		95% Confidence Interval for Mean	Lower Bound	46.79	
			Upper Bound	52.19	
		5% Trimmed Mean		49.57	
		Median		50.00	
		Variance		69.309	
		Std. Deviation		8.325	
		Minimum		32	
		Maximum		66	
		Range		34	
		Interquartile Range		10	
		Skew ness		-.370	.378
		Kurtosis		-.208	.741

Tests of Normality

Indeks karies		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Usia	Rendah	.143	36	.059	.953	36	.132
	Tinggi	.147	39	.033	.956	39	.128

a. Lilliefors Significance Correction



T-Test

Group Statistics

Indeks karies		N	Mean	Std. Deviation	Std. Error Mean
Usia	Rendah	36	44.81	7.971	1.328
	Tinggi	39	49.49	8.325	1.333

Independent Samples Test

		Usia	
		Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F	.008	
	Sig.	.930	
t-test for Equality of Means	t	-2.483	-2.488
	df	73	72.897
	Sig. (2-tailed)	.015	.015
	Mean Difference	-4.682	-4.682
	Std. Error Difference	1.885	1.882
	95% Confidence Interval of the Difference		
		Lower	-8.439
		Upper	-.931

Explore

Lama paparan

Descriptives

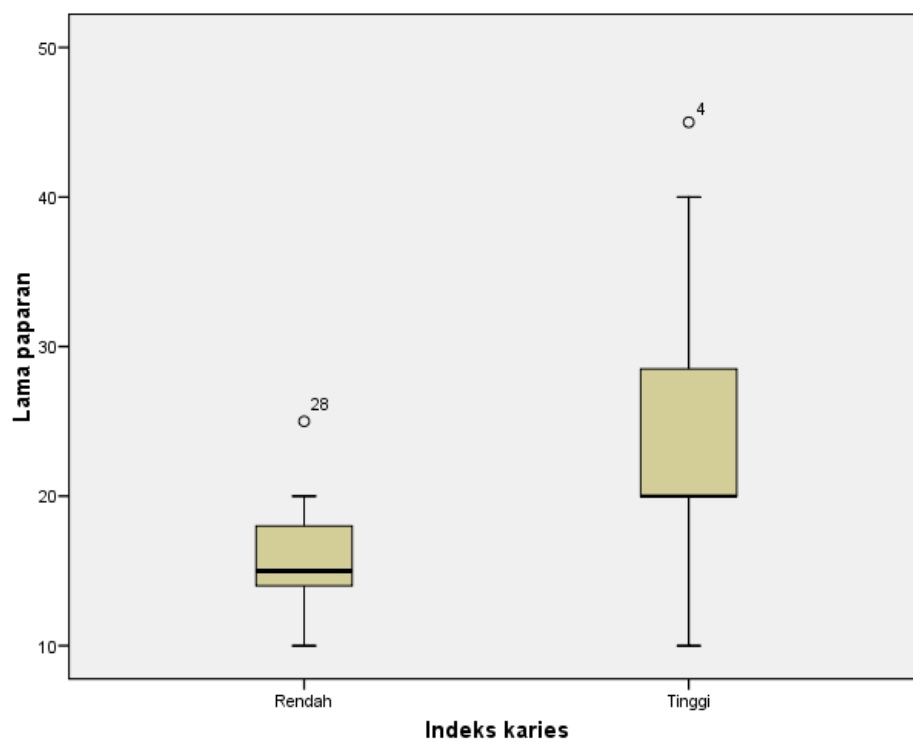
Indeks karies				Statistic	Std. Error
Lama paparan	Rendah	Mean		15.90	1.418
		95% Confidence Interval for Mean	Lower Bound	12.69	
			Upper Bound	19.11	
		5% Trimmed Mean		15.72	
		Median		15.00	
		Variance		20.100	
		Std. Deviation		4.483	
		Minimum		10	
		Maximum		25	
		Range		15	
		Interquartile Range		6	
		Skew ness		.637	.687
		Kurtosis		.847	1.334
	Tinggi	Mean		23.32	1.460
		95% Confidence Interval for Mean	Lower Bound	20.34	
			Upper Bound	26.30	
		5% Trimmed Mean		22.96	
		Median		20.00	
		Variance		66.092	
		Std. Deviation		8.130	
		Minimum		10	
		Maximum		45	
		Range		35	
		Interquartile Range		10	
		Skew ness		.779	.421
		Kurtosis		.628	.821

Tests of Normality

Indeks karies		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Lama paparan	Rendah	.180	10	.200*	.934	10	.488
	Tinggi	.207	31	.002	.929	31	.042

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

a. Lilliefors Significance Correction



NPar Tests

Mann-Whitney Test

Ranks

	Indeks karies	N	Mean Rank	Sum of Ranks
Lama paparan	Rendah	10	11.50	115.00
	Tinggi	31	24.06	746.00
	Total	41		

Test Statistics^b

	Lama paparan
Mann-Whitney U	60.000
Wilcoxon W	115.000
Z	-2.931
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.003 ^a

a. Not corrected for ties.

b. Grouping Variable: Indeks karies

Crosstabs

Jenis kelamin * Indeks karies Crosstabulation

			Indeks karies		Total
			Rendah	Tinggi	
Jenis kelamin	Laki-laki	Count	10	8	18
		Expected Count	8.6	9.4	18.0
		% w ithin Indeks karies	27.8%	20.5%	24.0%
		% of Total	13.3%	10.7%	24.0%
	Perempuan	Count	26	31	57
		Expected Count	27.4	29.6	57.0
		% w ithin Indeks karies	72.2%	79.5%	76.0%
		% of Total	34.7%	41.3%	76.0%
Total	Count	36	39	75	
	Expected Count	36.0	39.0	75.0	
	% w ithin Indeks karies	100.0%	100.0%	100.0%	
	% of Total	48.0%	52.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.542 ^b	1	.462	.590	.321
Continuity Correction ^a	.217	1	.642		
Likelihood Ratio	.542	1	.462		
Fisher's Exact Test					
Linear-by-Linear Association	.534	1	.465		
N of Valid Cases	75				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.
64.

Risk Estimate

	Value	95% Confidence Interval	
		Low er	Upper
Odds Ratio for Jenis kelamin (Laki-laki / Perempuan)	1.490	.513	4.327
For cohort Indeks karies = Rendah	1.218	.738	2.010
For cohort Indeks karies = Tinggi	.817	.463	1.443
N of Valid Cases	75		

Crosstabs**Usia * Indeks karies Crosstabulation**

			Indeks karies		Total
			Rendah	Tinggi	
Usia < 48	Count		24	11	35
	Expected Count		16.8	18.2	35.0
	% within Indeks karies		66.7%	28.2%	46.7%
	% of Total		32.0%	14.7%	46.7%
Usia >= 48	Count		12	28	40
	Expected Count		19.2	20.8	40.0
	% within Indeks karies		33.3%	71.8%	53.3%
	% of Total		16.0%	37.3%	53.3%
Total	Count		36	39	75
	Expected Count		36.0	39.0	75.0
	% within Indeks karies		100.0%	100.0%	100.0%
	% of Total		48.0%	52.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	11.126 ^b	1	.001		
Continuity Correction ^a	9.635	1	.002		
Likelihood Ratio	11.409	1	.001		
Fisher's Exact Test				.001	.001
Linear-by-Linear Association	10.978	1	.001		
N of Valid Cases	75				

a. Computed only for a 2x2 table

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

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Usia (< 48 / >= 48)	5.091	1.905	13.607
For cohort Indeks karies = Rendah	2.286	1.354	3.859
For cohort Indeks karies = Tinggi	.449	.264	.763
N of Valid Cases	75		

Explore

Descriptives

			Statistic	Std. Error
Usia	Mean		47.24	.974
	95% Confidence Interval for Mean	Lower Bound	45.30	
		Upper Bound	49.18	
	5% Trimmed Mean		47.27	
	Median		48.00	
	Variance		71.185	
	Std. Deviation		8.437	
	Minimum		30	
	Maximum		66	
	Range		36	
	Interquartile Range		14	
	Skew ness		-.026	.277
	Kurtosis		-.662	.548
Indeks karies	Mean		10.19	.662
	95% Confidence Interval for Mean	Lower Bound	8.87	
		Upper Bound	11.51	
	5% Trimmed Mean		9.84	
	Median		9.00	
	Variance		32.857	
	Std. Deviation		5.732	
	Minimum		3	
	Maximum		28	
	Range		25	
	Interquartile Range		7	
	Skew ness		.953	.277
	Kurtosis		.240	.548

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Usia	.125	75	.006	.977	75	.195
Indeks karies	.151	75	.000	.905	75	.000

a. Lilliefors Significance Correction

Nonparametric Correlations

Correlations			Usia	Indeks karies
Spearman's rho	Usia	Correlation Coefficient	1.000	.378**
		Sig. (2-tailed)	.	.001
		N	75	75
	Indeks karies	Correlation Coefficient	.378**	1.000
		Sig. (2-tailed)	.001	.
		N	75	75

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

Explore

Indekskaries

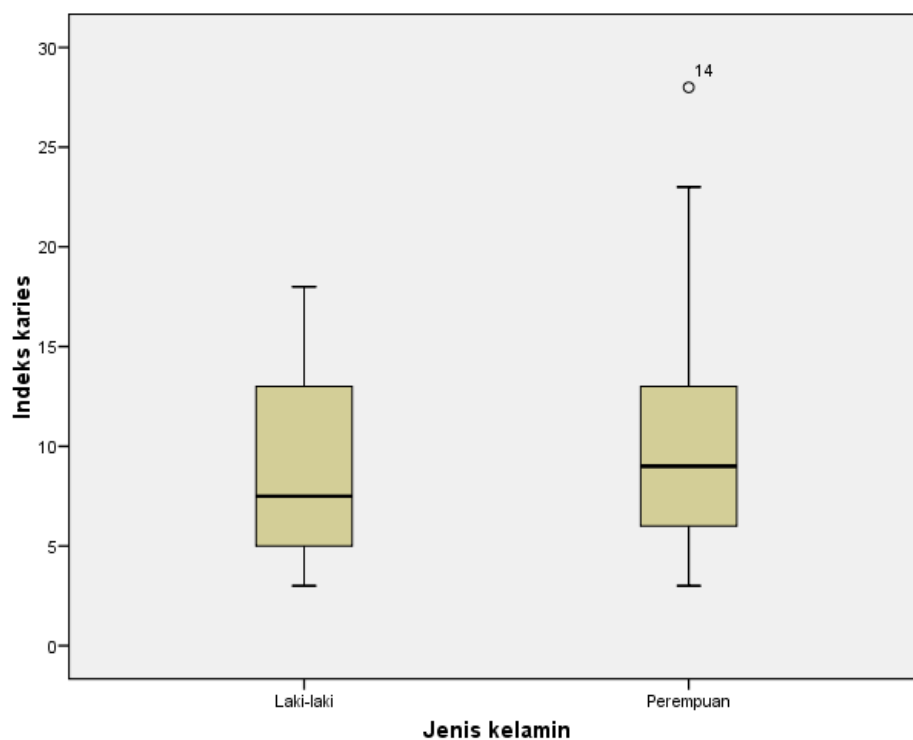
Descriptives

Jenis kelamin				Statistic	Std. Error
Indeks karies	Laki-laki	Mean		8.94	1.214
		95% Confidence Interval for Mean	Lower Bound	6.38	
			Upper Bound	11.51	
		5% Trimmed Mean		8.77	
		Median		7.50	
		Variance		26.526	
		Std. Deviation		5.150	
		Minimum		3	
		Maximum		18	
		Range		15	
		Interquartile Range		8	
		Skewness		.620	.536
		Kurtosis		-.903	1.038
	Perempuan	Mean		10.58	.780
		95% Confidence Interval for Mean	Lower Bound	9.02	
			Upper Bound	12.14	
		5% Trimmed Mean		10.21	
		Median		9.00	
		Variance		34.712	
		Std. Deviation		5.892	
		Minimum		3	
		Maximum		28	
		Range		25	
		Interquartile Range		8	
		Skewness		1.002	.316
		Kurtosis		.265	.623

Tests of Normality

Jenis kelamin		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Indeks karies	Laki-laki	.167	18	.200	.892	18	.042
	Perempuan	.156	57	.001	.894	57	.000

a. Lilliefors Significance Correction



NPar Tests

Mann-Whitney Test

Ranks

Jenis kelamin		N	Mean Rank	Sum of Ranks
Indeks karies	Laki-laki	18	35.17	633.00
	Perempuan	57	38.89	2217.00
	Total	75		

Test Statistics^a

	Indeks karies
Mann-Whitney U	462.000
Wilcoxon W	633.000
Z	-.731
Asymp. Sig. (2-tailed)	.465

a. Grouping Variable: Jenis kelamin

Logistic Regression

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	75	100.0
	Missing Cases	0	.0
	Total	75	100.0
Unselected Cases		0	.0
Total		75	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Rendah	0
Tinggi	1

Block 0: Beginning Block

Classification Table^{a,b}

Observed			Predicted		
			Indeks karies		Percentage Correct
			Rendah	Tinggi	
Step 0	Indeks karies	Rendah	0	36	.0
		Tinggi	0	39	100.0
Overall Percentage					52.0

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	.080	.231	.120	1	.729	1.083

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	kat.usia	11.126	1	.001
		paparan	20.198	1	.000
	Overall Statistics		24.957	2	.000

Block 1: Method = Backward Stepwise (Likelihood Ratio)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	27.515	2	.000
	Block	27.515	2	.000
	Model	27.515	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	76.337 ^a	.307	.410

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

Classification Table

Observed			Predicted		
			Indeks karies		Percentage Correct
			Rendah	Tinggi	
Step 1	Indeks karies	Rendah	26	10	72.2
		Tinggi	8	31	79.5
Overall Percentage					76.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I. for EXP(B)	
								Lower	Upper
Step 1	kat.usia	1.399	.567	6.078	1	.014	4.051	1.332	12.318
	paparan	2.153	.570	14.286	1	.000	8.613	2.820	26.306
	Constant	-5.386	1.299	17.191	1	.000	.005		

a. Variable(s) entered on step 1: kat.usia, paparan.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	kat.usia	-41.327	6.318	1	.012
	paparan	-46.222	16.107	1	.000