

## DAFTAR PUSTAKA

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LAMPIRAN OUTPUT SPSS

## Lokasi Tempat tinggal

Kecamatan tempat tinggal \* Diagnosis kuman Crosstabulation

			Diagnosis kuman		Total
			bukan S.pneumoniae	Streptococcus pneumoniae	bukan S.pneumoniae
Kecamatan tempat tinggal	gayamsari	Count	65	21	86
		Expected Count	74.6	11.4	86.0
	gunungpati	Count	86	2	88
		Expected Count	76.4	11.6	88.0
Total		Count	151	23	174
		Expected Count	151.0	23.0	174.0

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	18.596(b)	1	.000		

Continuity Correction(a)	16.715	1	.000		
Likelihood Ratio	21.202	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	18.489	1	.000		
N of Valid Cases	174				

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.37.

#### Risk Estimate

	Value	95% Confidence Interval	
	Lower	Upper	Lower
Odds Ratio for Kecamatan tempat tinggal (gayamsari / gunungpati)	.072	.016	.318
For cohort Diagnosis kuman = bukan S.pneumoniae	.773	.683	.876
For cohort Diagnosis kuman = Streptococcus pneumonia	10.744	2.598	44.433
N of Valid Cases	174		

### Paparan asap rokok

#### Crosstab

		Diagnosis kuman		Total
		bukan S.pneumoniae	Streptococcus pneumoniae	bukan S.pneumoniae
Tidak terpapar	Count	41	9	50
	% within Perokok pasif	82.0%	18.0%	100.0%
Terpapar	Count	110	14	124
	% within Perokok pasif	88.7%	11.3%	100.0%
Total	Count	151	23	174
	% within Perokok pasif	86.8%	13.2%	100.0%

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.398(b)	1	.237		
Continuity Correction(a)	.875	1	.350		
Likelihood Ratio	1.330	1	.249		
Fisher's Exact Test				.322	.174

Linear-by-Linear Association	1.390	1	.238		
N of Valid Cases	174				

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 6.61.

#### Risk Estimate

	Value	95% Confidence Interval	
	Lower	Upper	Lower
Odds Ratio for Perokok pasif (tidak / Terpapar)	.580	.233	1.442
For cohort Diagnosis kuman = bukan S.pneumoniae	.924	.800	1.068
For cohort Diagnosis kuman = Streptococcus pneumonia	1.594	.738	3.444
N of Valid Cases	174		

## Kepadatan hunian

#### kepadatan \* Diagnosis kuman Crosstabulation

			Diagnosis kuman		Total
			bukan S.pneumoniae	Streptococcus pneumoniae	bukan S.pneumoniae
Kepadatan tidak	Count	115	15	130	
	Expected Count	112.8	17.2	130.0	
padat	Count	36	8	44	
	Expected Count	38.2	5.8	44.0	
Total	Count	151	23	174	
	Expected Count	151.0	23.0	174.0	

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.265(b)	1	.261		
Continuity Correction(a)	.752	1	.386		
Likelihood Ratio	1.193	1	.275		
Fisher's Exact Test				.304	.191

Linear-by-Linear Association	1.258	1	.262		
N of Valid Cases	174				

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.82.

### Risk Estimate

	Value	95% Confidence Interval	
	Lower	Upper	Lower
Odds Ratio for kepadatan (tidak / padat)	1.704	.668	4.345
For cohort Diagnosis kuman = bukan S.pneumoniae	1.081	.928	1.259
For cohort Diagnosis kuman = Streptococcus pneumonia	.635	.289	1.394
N of Valid Cases	174		

## Riwayat antibiotik 3 bulan terakhir

### Minum AB 3 bulan terakhir \* Diagnosis kuman Crosstabulation

			Diagnosis kuman		Total bukan S.pneumoniae
			bukan S.pneumoniae	Streptococcus pneumoniae	
Minum AB 3 bulan terakhir	Tidak	Count	100	16	116
		Expected Count	100.7	15.3	116.0
	Ya	Count	51	7	58
		Expected Count	50.3	7.7	58.0
Total		Count	151	23	174
		Expected Count	151.0	23.0	174.0

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.100(b)	1	.752		
Continuity Correction(a)	.006	1	.937		

Likelihood Ratio	.102	1	.750		
Fisher's Exact Test				.817	.476
Linear-by-Linear Association	.100	1	.752		
N of Valid Cases	174				

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.67.

### Risk Estimate

	Value	95% Confidence Interval	
	Lower	Upper	Lower
Odds Ratio for Minum AB 3 bulan terakhir (Tidak / Ya)	.858	.332	2.218
For cohort Diagnosis kuman = bukan S.pneumoniae	.980	.870	1.105
For cohort Diagnosis kuman = Streptococcus pneumonia	1.143	.498	2.622
N of Valid Cases	174		

Variables in the Equation

### Diagnosis kuman \* Kecamatan tempat tinggal Crosstabulation

			Kecamatan tempat tinggal		Total
			gayamsari	gunungpati	Gayamsari
Diagnosis kuman bukan S.pneumoniae	Count		65	86	151
		Expected Count	74.6	76.4	151.0
		% within Diagnosis kuman	43.0%	57.0%	100.0%
	% within Kecamatan tempat tinggal		75.6%	97.7%	86.8%
		Count	21	2	23
		Expected Count	11.4	11.6	23.0
Streptococcus pneumoniae	% within Diagnosis kuman	91.3%	8.7%	100.0%	
	% within Kecamatan tempat tinggal	24.4%	2.3%	13.2%	
	Count	86	88	174	
Total	Expected Count	86.0	88.0	174.0	
	% within Diagnosis kuman	49.4%	50.6%	100.0%	

% within Kecamatan tempat tinggal	100.0%	100.0%	100.0%
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## Logistic Regression

### Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	174	100.0
	Missing Cases	0	.0
	Total	174	100.0
Unselected Cases		0	.0
Total		174	100.0

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

### Dependent Variable Encoding

Original Value	Internal Value
bukan S.pneumoniae	0
Streptococcus pneumoniae	1

### Categorical Variables Codings

		Frequency	Parameter coding
		(1)	(1)
Kepadatan	tidak	130	1.000
	padat	44	.000
Perokok pasif	tidak	50	1.000
	Terpapar	124	.000
Kecamatan tempat tinggal	gayamsari	86	1.000
	gunungpati	88	.000

### Classification Table(a,b)

Observed			Predicted		
			Diagnosis kuman		Percentage Correct
			bukan S.pneumoniae	Streptococcus pneumoniae	bukan S.pneumoniae
Step 0	Diagnosis kuman	bukan S.pneumoniae	151	0	100.0
		Streptococcus pneumoniae	23	0	.0
Overall Percentage					86.8



- a Constant is included in the model.
- b The cut value is .500

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

### Omnibus Tests of Model Coefficients

		Chi-square	Df	Sig.
Step 1	Step	22.919	3	.000
	Block	22.919	3	.000
	Model	22.919	3	.000
Step 2(a)	Step	-.571	1	.450
	Block	22.348	2	.000
	Model	22.348	2	.000
Step 3(a)	Step	-1.146	1	.284
	Block	21.202	1	.000
	Model	21.202	1	.000

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	112.981(a)	.123	.228
2	113.552(a)	.121	.222
3	114.698(a)	.115	.212

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

### Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	5.261	5	.385
2	1.468	2	.480
3	.000	0	.

### Contingency Table for Hosmer and Lemeshow Test

	Diagnosis kuman = bukan S.pneumoniae		Diagnosis kuman = Streptococcus pneumoniae		Total
	Observed	Expected	Observed	Expected	
					Observed

Step 1	1	5	4.934	0	.066	5
	2	57	57.866	2	1.134	59
	3	24	23.200	0	.800	24
	4	21	18.986	2	4.014	23
	5	27	28.213	10	8.787	37
	6	8	10.126	6	3.874	14
	7	9	7.674	3	4.326	12
Step 2	1	62	62.775	2	1.225	64
	2	24	23.225	0	.775	24
	3	48	47.225	12	12.775	60
	4	17	17.775	9	8.225	26
Step 3	1	86	86.000	2	2.000	88
	2	65	65.000	21	21.000	86

#### Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I. for EXP(B)	
		Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
Step 1(a)	Kecamatan(1)	2.766	.780	12.570	1	.000	15.894	3.445	73.331
	perokokpasif(1)	.593	.503	1.388	1	.239	1.810	.675	4.855
	kepadatan(1)	.388	.518	.559	1	.454	1.473	.534	4.068
	Constant	-4.320	.907	22.700	1	.000	.013		
Step 2(a)	Kecamatan(1)	2.629	.759	11.995	1	.001	13.864	3.131	61.392
	perokokpasif(1)	.537	.496	1.172	1	.279	1.710	.647	4.520
	Constant	-3.937	.741	28.243	1	.000	.020		
Step 3(a)	Kecamatan(1)	2.631	.758	12.049	1	.001	13.892	3.144	61.379
	Constant	-3.761	.715	27.650	1	.000	.023		

a Variable(s) entered on step 1: Kecamatan, perokokpasif, kepadatan.

#### Model if Term Removed

Variable	Model Log Likelihood	Change in - 2 Log Likelihood	df	Sig. of the Change
Step 1 Kecamatan	-66.802	20.623	1	.000
perokokpasif	-57.170	1.360	1	.244
kepadatan	-56.776	.571	1	.450

Step 2	Kecamatan	-67.285	21.018	1	.000
	perokokpasif	-57.349	1.146	1	.284
Step 3	Kecamatan	-67.950	21.202	1	.000

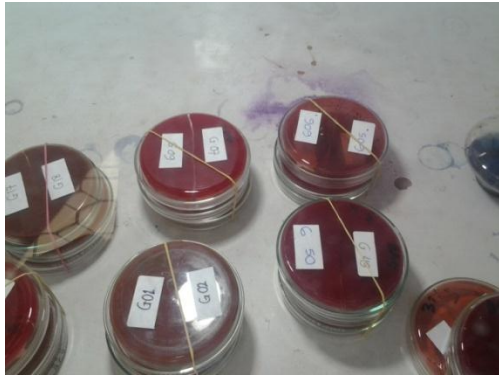
**Variables not in the Equation**

			Score	df	Sig.
Step 2(a)	Variables	kepadatan(1)	.562	1	.453
	Overall Statistics		.562	1	.453
Step 3(b)	Variables	perokokpasif(1)	1.187	1	.276
		kepadatan(1)	.353	1	.552
	Overall Statistics		1.746	2	.418

a Variable(s) removed on step 2: kepadatan.

b Variable(s) removed on step 3: perokokpasif.

## Lampiran Dokumentasi



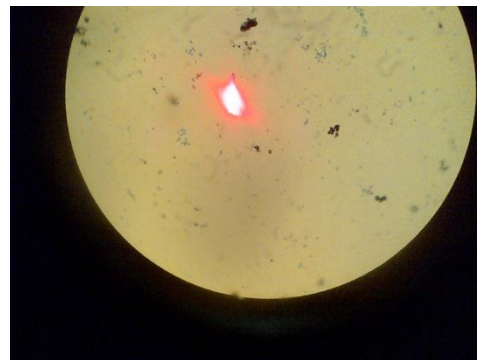
1. Media Pertumbuhan



2. Hasil tes Optochin



3. Pengerjaan identifikasi



4. Hasil pengecatan Gram



5. Pengambilan swab nasofaring



**KOMISI ETIK PENELITIAN KESEHATAN (KEPK)  
FAKULTAS KEDOKTERAN UNIVERSITAS DIPONEGORO  
DAN RSUP dr KARIADI SEMARANG**

Sekretariat : Kantor Dekanat FK Undip Lt.3  
Jl. Dr. Soetomo 18. Semarang  
Telp.024-8311523/Fax. 024-8446905



**ETHICAL CLEARANCE  
No.126/EC/FK/RSDK/2013**

Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Diponegoro/ RSUP Dr. Kariadi Semarang, setelah membaca dan menelaah Usulan Penelitian dengan judul :

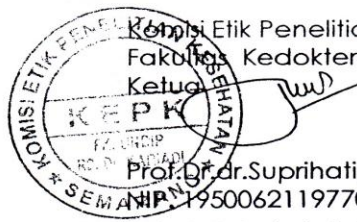
**PREVALENSI, FAKTOR RISIKO, DAN POLA KEPEKAAN ANTIBIOTIK  
KOLONISASI KUMAN RESPIRATORI PATOGIN PADA  
NASOFARING BAYI DAN BALITA SEHAT**

- Peneliti : 1. Addy Saputro  
2. Laurentia Laksmi Ajeng  
3. Theresia Meisky  
4. Dewi Ayu Kusuma  
5. Anggara Adri Yudha
- Pembimbing : 1. dr. Helmia Farida, Sp.A, M.Kes  
2. dr. MS Anam, M.Si.Med, Sp.A
- Penelitian : Dilaksanakan , sampel didapatkan dari balita yang mengikuti PAUD dan TK di wilayah Kecamatan Gayamsari dan Gunungpati Semarang dan anak di BKPM atau bangsal anak RSUP dr. Kariadi. Identifikasi mikrobiologi dilakukan di Laboratorium mikrobiologi FK.Undip Semarang.

Setuju untuk dilaksanakan, dengan memperhatikan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki 1975, yang diamended di Seoul 2008 dan Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI 2011

Peneliti harus melampirkan 2 kopi lembar Informed consent yang telah disetujui dan ditandatangani oleh peserta penelitian pada laporan penelitian.

Semarang, 1 Mei 2013



Komisi Etik Penelitian Kesehatan  
Fakultas Kedokteran Undip/RSUP Dr. Kariadi

Ketua  
Prof. Dr. dr. Suprihati, M.Sc, Sp.THT-KL(K)  
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