

DAFTAR PUSTAKA

- Agustina, Ri., D. T. Indrawati dan M.A. Masruhin. 2015. *Aktivitas Ekstrak Daun Salam (Eugenia poyantha) sebagai Antiinflamasi pada Tikus Putih (Ratus norwegicus)*. *J. Trop. Pharm. Chem.* 2015; 3(2): 120-123.
- Akbar, Budhi. 2010. *Tumbuhan dengan Kandungan Senyawa Aktif Yang Berpotensi sebagai Bahan Anti Fertilitas*. Jakarta: Penerbit Adabia Press.
- Ball N, Stuart C, Juan CC, Hans C, Dorothea E, Roger E, *et al.* 2011. *Evaluating the sensitization potential of surfactants: Integrating data from the local lymph node assay, guinea pig maximization test, and in vitro methods in a weight-of-evidence approach*. *Regulatory Toxicology and Pharmacology*. 2011;60(3):389-400.
- Barrow, G.I., R.K.A., Feltham. 1993. *Cowan and Steel Manual for the Identification of Medical Bacteria*. Cambridge University Press: New York.
- Blondine, C. P., & U., W. 2001. *Artikel (Pratiwi et.al, 2013) Stasiun Penelitian Vektor Penyakit*. Cermin Dunia Kedokteran: Salatiga.
- Bondi C.A., Marks J.L., Wroblewski L.B., Raatikainen H.S., Lenox S.R., Gebhardt K.E. 2015. *Human and Environmental Toxicity of Sodium Lauryl Sulfate (SLS): Evidence for Safe Use in Household Cleaning Products*. *Health Insight*. 9:27
- Borrer, D.J., Tripelhorn, C.A., dan Johnson, N.F, 1989, *An introduction to the study of insects*, USA: Saunders College Publishing.
- BPOM RI. 2014. *Peraturan Kepala Badan Pengawas Obat dan Makanan Republik Indonesia Tentang Pedoman Uji Toksisitas Nonklinik Secara In Vivo*. Jakarta: nomor 7.
- CDC. 2011. *Aedes aegypti Eggs*. Atlantan: CDC
- De Araujo AP, Rocha HDR, Paiva MHS, Silva NM, de Azevedo Camacho D dos R da R, da Moura AJF, *et al.* 2015. *Susceptibility profile of Aedes aegypti from Santiago Island, Cabo Verde, to insecticides*. *Acta Trop*. Elsevier B.V.; 2015;152:66–73.
- Depkes RI. 2010. *Penemuan dan Tatalaksana Penderita Demam Berdarah Dengue*. Jakarta.
- Depkes RI. 2017. *Data dan Informasi Profil Kesehatan : Jumlah Penderita Demam Berdarah Dengue*. Jakarta.
- Depkes RI. 2018. *Data dan Informasi Profil Kesehatan : Jumlah Penderita Demam Berdarah Dengue*. Jakarta.

- Dylo, P., Martin, C., dan Mhango, M., 2014, Efficacy of *Bacillus thuringiensis var israelensis* (Bti) on *Culex* and *Anopheline* mosquito larvae in Zomba. *Malawi Journal of Science and Technology.*, **10**(1): 41-52.
- Ehlers S, Kaufmann S. 2010. *Infection, Inflammation, and Chronic Disease: Consequences of a Modern Lifestyle. Trends Immunol.* 2010; 31: 184-90.
- El-Bendary, Magda. 2006. *Bacillus thuringiensis* and *Bacillus sphaericus*. Biopesticides Production. *Journal of Basic Microbiology.* **46** (2), 158-170
- Fauzi, Ahmad. 2019. *Toksistas Isolat Lokal Bacillus sp. dari Lingkungan Alamiah Taman Nasional Baluran dan Domestik Endemik Penyakit Demam Berdarah Dengue (DBD) Sebagai Biolarvasida Terhadap Larva Nyamuk Aedes aegypti.* Surabaya: Departemen Biologi, Fakultas Sains dan Teknologi, Universitas Airlangga
- Gama, Z. P., Yanuwadi, B., dan Kurniati T.H. 2010. *Strategi Pemberantasan Nyamuk Aman Lingkungan: Potensi Bacillus thuringiensis Isolat Madura Sebagai Musuh Alami Nyamuk Aedes aegypti.* Jurnal Pembangunan dan Alam Lestari. **1**: 2087-3522.
- Gamman. 2002. *Uji Sensitivitas.* Jakarta: EGC.
- Hafizi I. dan Marsetyawan H. N. E. S. 2016. *Penentuan konsentrasi stainless steel 316L dan kobalt kromium remanium GM-800 pada uji GPMT.* Majalah Kedokteran Gigi Indonesia.2016;2(3):121-27.
- Hatmanti, Ariani. 2000. Pengenalan *Bacillus* spp. *Jurnal Oseana.* **25** (1): 31-41.
- Huang, Hidayat. 2019. Uji Anova: Teori Satu Arah dan Dua Arah. <https://www.globalstatistik.com/uji-anova-satu-dua-arah/> diakses pada 18 Desember 2019 pukul 08.41
- ISO 10993-10. 2010. *Biological Evaluation of Medical Devices, Part 10: Tests For Irritation and Skin Sensitization.* Switzerland: HIS.
- Kemenkes RI. 2018, *Data dan Informasi Profil Kesehatan Indonesia 2017.*, Jakarta: Kemenkes.
- Khrisnakumar, K. 2016. *Comparative Study on Durability Properties of Bacterial Concrete.* International Research Journal of Engineering and Technology. 3(12): 129-132
- Lee, Y.W., Zairi, J., dan Field. 2006. *Evaluation of Bacillus thuringiensis H-14 against Aedes mosquitoes.* *Trop Biomed*, **23**(1): 37-44.
- Madigan, M. 2005. *Brock Biology of Microorganism.* Englewood Cliff: Prentice Hall.
- Medero, A.J.D.L. 2008. During the Mouse Lecture and Wet Lab. Dalam www.uprh.edu/rise/activities/mouse/mouse.htm. Diakses pada 4 Oktober Pukul 23.07 WIB.
- Norris, J.R., R.C.W. Berkeley, N.A. Logan, and A.G. O'Donnell. 1981, *The Genera Bacillus and Sporolactobacillus.* In : *The Prokaryotes, vol 2*

- (STARR, M.P., STOLP, A., Truper, A.G., Balows, A., and Schlegel, H.G., eds). Springer Verlag. New York : 1711 - 1742.
- Palma, L., Mufioz, D., Berry, C., Murillo, J., dan Caballero, P. 2014. *Bacillus thuringiensis* toxins: an overview of their biocidal activity, *Toxins*. **6**(12):3296-325.
- Pelczar, M.J., E.C.S. Chan, and N.R. Krieg 1976, *Microbiology*. Me Graw Hill Book Company, New York : 896 pp.
- Purnama, G.P., 2012, *Pemanfaatan Limbah Cair Industri Pengolahan Tahu untuk Memproduksi Spora Bacillus thuringiensis Serovar israelensis dan Aplikasinya sebagai Biokontrol Larva Nyamuk*. Universitas Udayana: Program Studi Ilmu Kesehatan Masyarakat. Indonesia *Jurnal of Public Health*, **1**(1).
- Rosa, E. 2007. *Studi Tempat Perindukan Nyamuk Vektor Demam Berdarah Dengue di dalam dan di luar Rumah di Rajabasa Bandar Lampung*. *Jurnal Sains. MIPA*. **13**(1): 57-60.
- Sembel, D. T. 2009. *Entomologi Kedokteran*. Penerbit ANDI. Yogyakarta.
- Soegijanto, S. 2006. *Demam Berdarah Dengue* Edisi kedua. Surabaya: Airlangga University Press.
- Soesanto. 1992. *Bacillus thuringiensis Sebagai Bioinsektisida*. UGM :Yogyakarta.
- Supartha, I.W., 2008, *Pengendalian Terpadu Vektor Virus Demam Berdarah Dengue, Aedes aegypti (Linn.) dan Aedes a fgflbopictus (Skuse) (Diptera: Culicidae)*, Makalah disampaikan dalam Seminar Dies Unud 2008, Denpasar, Fakultas Kedokteran Universitas Udayana.
- Trizelia. 2001. *Makalah Pemanfaatan Bacillus thuringiensis untuk Pengendalian Hama Crocidolomia binotalis*. IPB: Bogor
- WHO. 1999. *Microbial Pest Control Agent Bacillus thuringiensis*. WHO: Geneva
- WHO. 2014. *Dengue and Severe Dengue*. From Word Health Organization: 53 <http://www.who.int/mediacentre/factsheets/fs117/en/> diakses pada 15 Oktober 2019 pukul 18.08.
- WHO. 2015. *World Malaria report*. WHO: Geneva.
- Zeigler, D.R., 1999, *Bacillus Genetic Stock Center of Strains, Part 2: Bacillus thuringiensis dan Bacillus Cereus*, The Ohio State University: USA.

Lampiran 1. Dokumentasi Penelitian



Foto 1. Penanaman kultur *Bacillus* sp isolat LS 9.1, EG 6.4, dan BK 5.2 pada media NYSM cair



Foto 2. Pengukuran nilai OD_{600nm} menggunakan spektrofotometer

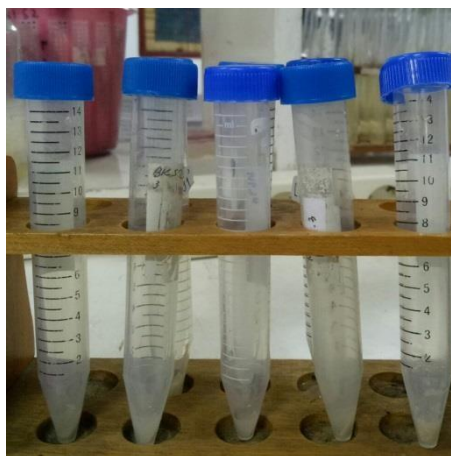


Foto 3. Pelet hasil sentrifugasi dengan kecepatan 6000rpm selama 20 menit



Foto 4. Proses aklimatisasi hewan coba mencit (*Mus musculus*)











Foto 5. Proses pencukuran rambut hewan coba mencit (*Mus musculus*)















Foto 5. Proses pengolesan isolat uji pada kulit hewan coba mencit (*Mus musculus*) menggunakan jarum ose


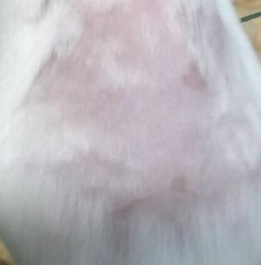
Lampiran 2. Gambar Skala Skoring berdasarkan Tabel Magnusson dan Kligman

Reaksi Topikal	Skor	Gambar	
		Punggung	Daun Telinga
Tidak terlihat perubahan	0		
Eritema ringan	1		
Eritema sedang	2		
Eritema berat dan edema	3		

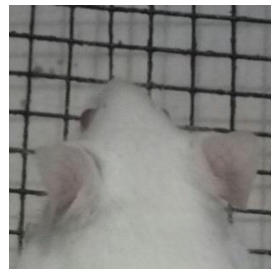








Lampiran 3. Dokumentasi Pengamatan Respon Inflamasi pada Kulit Hewan Coba Mencit (*Mus musculus*)

Tabel 1. Hasil Pengamatan Respon Inflamasi pada Kulit Punggung

Bahan Uji	Waktu Pengamatan		
	24 Jam	48 Jam	72 Jam
LS 9.1			
EG 6.4			
BK 5.2			
NYSM Cair			

Deterjen			
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Tabel 2. Hasil Pengamatan Respon Inflamasi pada Kulit Daun Telinga

Bahan Uji	Waktu Pengamatan		
	24 Jam	48 Jam	72 Jam
LS 9.1			
EG 6.4			
BK 5.2			

NYSM Cair			
Deterjen			

Lampiran 4. Data Hasil Penelitian Berdasarkan Skoring Tabel Magnusson dan Kligman pada Punggung

Bahan Uji	Macam Pengolesan					
	Pengolesan I			Pengolesan II		
	24	48	72	24	48	72
LS 9.1	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
EG 6.4	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
BK 5.2	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NYSM Cair	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Deterjen	3	2	2	2	2	3
	2	2	1	2	3	3
	2	2	1	2	2	3

Lampiran 5. Data Hasil Penelitian Berdasarkan Skoring Tabel Magnusson dan Kligman pada Daun Telinga

Bahan Uji	Macam Pengolesan					
	Pengolesan I			Pengolesan II		
	24	48	72	24	48	72
LS 9.1	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
EG 6.4	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
BK 5.2	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NYSM Cair	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
Deterjen	1	1	1	2	2	3
	2	2	2	2	3	3
	1	1	1	3	3	3

Lampiran 6. Uji Normalitas dan Uji Homogenitas Pengolesan I pada Punggung Hewan Coba

Between-Subjects Factors

		Value Label	N
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9
Waktu Pengamatan	1	24 jam	15
	2	48 jam	15
	3	72 jam	15

Test of Between-Subjects Effects

Dependent Variable: Skoring Sensitivitas

Source	Type III Sum Of Squares	df	Mean Square	F	Sig.
Corrected Model	27.244 ^a	14	1.946	43.786	.000
Intercept	6.422	1	6.422	144.500	.000
Bahan	25.689	4	6.422	144.500	.000
Pengamatan	.311	2	.156	3.500	.043
Bahan * Pengamatan	1.244	8	.156	3.500	.006
Error	1.333	30	.044		
Total	35.000	45			
Corrected Total	28.578	44			

a. R Squared = .953 (Adjust R Squared = .932)

Bahan Uji

Case Processing Summary

Bahan Uji		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Skoring	LS 9.1	9	100.0%	0	.0%	9	100.0%
Sensitivitas	EG 6.4	9	100.0%	0	.0%	9	100.0%
	BK 5.2	9	100.0%	0	.0%	9	100.0%
	NYSM Cair	9	100.0%	0	.0%	9	100.0%
	Deterjen	9	100.0%	0	.0%	9	100.0%

Descriptives

Bahan Uji		Statistic	Std. Error	
Skoring	Deterjen	Mean	1.89	
Sensitivitas	95% Confidence Interval for Mean	Lower Bound	1.43	
		Upper Bound	2.35	
		5% Trimmed Mean	1.88	
		Median	2.00	
		Variance	.361	
		Std. Deviation	.601	
		Minimum	1	
		Maximum	3	
		Range	2	
		Interquartile Range	0	
		Skewness	-.018	
		Kurtosis	1.126	
				.717
				1.400

Test of Normality

Bahan Uji		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Skoring	Deterjen	.351	9	.002	.781	9	.012
Sensitivitas							

Waktu Pengamatan

Case Processing Summary

	Waktu Pengamatan	Cases		
		Valid		Missing
		N	Percent	N
Skoring	24 Jam	15	100.0%	0
Sensitivitas	48 Jam	15	100.0%	0
	72 Jam	15	100.0%	0

Case Processing Summary

	Waktu Pengamatan	Cases		
		Missing	Total	
		Percent	N	Percent
Skoring	24 Jam	.0%	15	100.0%
Sensitivitas	48 Jam	.0%	15	100.0%
	72 Jam	.0%	15	100.0%

Descriptives

Waktu Pengamatan		Statistic	Std. Error
	Mean	.47	.256
95% Confidence Interval for Mean	Lower Bound	-.08	
	Upper Bound	1.02	
	5% Trimmed Mean	.35	
	Median	.00	
	Variance	.981	
	Std. Deviation	.990	
	Minimum	0	
	Maximum	3	
	Range	3	
	Interquartile Range	0	
	Skewness	1.887	.580
	Kurtosis	2.262	1.121
<hr/>			
	Mean	.40	.214
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.86	
	5% Trimmed Mean	.33	
	Median	.00	
	Variance	.686	
	Std. Deviation	.828	
	Minimum	0	
	Maximum	2	
	Range	2	
	Interquartile Range	0	
	Skewness	1.672	.580
	Kurtosis	.897	1.121
<hr/>			
72 Jam	Mean	.27	.153
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.60	
	5% Trimmed Mean	.19	
	Median	.00	

Variance	.352	
Std. Deviation	.594	
Minimum	0	
Maximum	2	
Range	2	
Interquartile Range	0	
Skewness	2.273	.580
Kurtosis	4.785	1.121

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	
		Statistic	df
Skoring	24 Jam	.481	15
Sensitivitas	48 Jam	.485	15
	72 Jam	.473	15

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	Shapiro-Wilk		
		Sig.	Statistic	df	Sig.
Skoring	24 Jam	.000	.533	15	.000
Sensitivitas	48 Jam	.000	.499	15	.000
	72 Jam	.000	.525	15	.000

Between Subjects-Factors

		Value Label	N
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9
Waktu Pengamatan	1	24 Jam	15
	2	48 Jam	15
	3	72 Jam	15

Descriptive Statistics

Dependent Variable:Skoring Sensitivitas

Bahan Uji	Waktu Pengamatan	Mean	Std. Deviation	N
LS 9.1	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
EG 6.4	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
BK 5.2	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
NYSM Cair	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
Deterjen	24 Jam	2.33	.577	3
	48 Jam	2.00	.000	3
	72 Jam	1.33	.577	3
	Total	1.89	.601	9

Total	24 Jam	.47	.990	15
	48 Jam	.40	.828	15
	72 Jam	.27	.594	15
	Total	.38	.806	45

Levene's Test of
Equality of Error
Variances

Dependent Variable:Skoring Sensitivitas

F	df1	df2	Sig.
14.857	14	30	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Bahan + Pengamatan + Bahan * Pengamatan

Tests of Between-Subjects Effects

Dependent Variable:Skoring Sensitivitas

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	27.244 ^a	14	1.946	43.786	.000
Intercept	6.422	1	6.422	144.500	.000
Bahan	25.689	4	6.422	144.500	.000
Pengamatan	.311	2	.156	3.500	.043
Bahan * Pengamatan	1.244	8	.156	3.500	.006
Error	1.333	30	.044		
Total	35.000	45			
Corrected Total	28.578	44			

a. R Squared = .953 (Adjusted R Squared = .932)

Estimated Marginal Means

1. Bahan Uji

Dependent Variable:Skoring Sensitivitas

Bahan Uji			95% Confidence Interval	
	Mean	Std. Error	Lower Bound	Upper Bound
LS 9.1	7.404E-17	.070	-.144	.144
EG 6.4	-7.400E-17	.070	-.144	.144
BK 5.2	1.850E-16	.070	-.144	.144
NYSM Cair	1.355E-20	.070	-.144	.144
Deterjen	1.889	.070	1.745	2.032

2. Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan			95% Confidence Interval	
	Mean	Std. Error	Lower Bound	Upper Bound
24 Jam	.467	.054	.355	.578
48 Jam	.400	.054	.289	.511
72 Jam	.267	.054	.155	.378

3. Bahan Uji * Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Bahan Uji	Waktu Pengamatan	95% Confidence Interval			
		Mean	Std. Error	Lower Bound	Upper Bound
LS 9.1	24 Jam	.000	.122	-.249	.249
	48 Jam	.000	.122	-.249	.249
	72 Jam	2.220 E-16	.122	-.249	.249
EG 6.4	24 Jam	- 2.220 E-16	.122	-.249	.249
	48 Jam	- 2.220 E-16	.122	-.249	.249
	72 Jam	2.220 E-16	.122	-.249	.249
BK 5.2	24 Jam	.000	.122	-.249	.249
	48 Jam	1.110 E-16	.122	-.249	.249
	72 Jam	4.441 E-16	.122	-.249	.249
NYSM Cair	24 Jam	- 4.441 E-16	.122	-.249	.249
	48 Jam	- 2.220 E-16	.122	-.249	.249
	72 Jam	6.661 E-16	.122	-.249	.249
Deterjen	24 Jam	2.333	.122	2.085	2.582
	48 Jam	2.000	.122	1.751	2.249
	72 Jam	1.333	.122	1.085	1.582

Lampiran 7. Uji Normalitas dan Uji Homogenitas Pengolesan II pada Punggung Hewan Coba

Between-Subjects Factors

		Value Label	N
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9
Waktu Pengamatan	1	24 jam	15
	2	48 jam	15
	3	72 jam	15

Test of Between-Subjects Effects

Dependent Variable: Skoring Sensitivitas

Source	Type III Sum Of Squares	df	Mean Square	F	Sig.
Corrected Model	27.244 ^a	14	1.946	43.786	.000
Intercept	6.422	1	6.422	144.500	.000
Bahan	25.689	4	6.422	144.500	.000
Pengamatan	.311	2	.156	3.500	.043
Bahan * Pengamatan	1.244	8	.156	3.500	.006
Error	1.333	30	.044		
Total	35.000	45			
Corrected Total	28.578	44			

a. R Squared = .953 (Adjust R Squared = .932)

Bahan Uji

Case Processing Summary

Bahan Uji		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Skoring	LS 9.1	9	100.0%	0	.0%	9	100.0%
Sensitivitas	EG 6.4	9	100.0%	0	.0%	9	100.0%
	BK 5.2	9	100.0%	0	.0%	9	100.0%
	NYSM Cair	9	100.0%	0	.0%	9	100.0%
	Deterjen	9	100.0%	0	.0%	9	100.0%

Descriptives

Bahan Uji			Statistic	Std. Error
Skoring	Deterjen	Mean	1.89	.200
Sensitivitas	95% Confidence Interval for Mean	Lower Bound	1.43	
		Upper Bound	2.35	
		5% Trimmed Mean	1.88	
		Median	2.00	
		Variance	.361	
		Std. Deviation	.601	
		Minimum	1	
		Maximum	3	
		Range	2	
		Interquartile Range	0	
		Skewness	-.018	.717
		Kurtosis	1.126	1.400

Test of Normality

Bahan Uji		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Skoring	Deterjen	.351	9	.002	.781	9	.012
Sensitivitas							

Waktu Pengamatan

Case Processing Summary

	Waktu Pengamatan	Cases		
		Valid		Missing
		N	Percent	N
Skoring	24 Jam	15	100.0%	0
Sensitivitas	48 Jam	15	100.0%	0
	72 Jam	15	100.0%	0

Case Processing Summary

	Waktu Pengamatan	Cases		
		Missing	Total	
		Percent	N	Percent
Skoring	24 Jam	.0%	15	100.0%
Sensitivitas	48 Jam	.0%	15	100.0%
	72 Jam	.0%	15	100.0%

Descriptives

Waktu Pengamatan		Statistic	Std. Error
	Mean	.47	.256
95% Confidence Interval for Mean	Lower Bound	-.08	
	Upper Bound	1.02	
	5% Trimmed Mean	.35	
	Median	.00	
	Variance	.981	
	Std. Deviation	.990	
	Minimum	0	
	Maximum	3	
	Range	3	
	Interquartile Range	0	
	Skewness	1.887	.580
	Kurtosis	2.262	1.121
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	Mean	.40	.214
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.86	
	5% Trimmed Mean	.33	
	Median	.00	
	Variance	.686	
	Std. Deviation	.828	
	Minimum	0	
	Maximum	2	
	Range	2	
	Interquartile Range	0	
	Skewness	1.672	.580
	Kurtosis	.897	1.121
<hr/>			
72 Jam	Mean	.27	.153
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.60	
	5% Trimmed Mean	.19	
	Median	.00	

Variance	.352	
Std. Deviation	.594	
Minimum	0	
Maximum	2	
Range	2	
Interquartile Range	0	
Skewness	2.273	.580
Kurtosis	4.785	1.121

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	
		Statistic	df
Skoring	24 Jam	.481	15
Sensitivitas	48 Jam	.485	15
	72 Jam	.473	15

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	Shapiro-Wilk		
		Sig.	Statistic	df	Sig.
Skoring	24 Jam	.000	.533	15	.000
Sensitivitas	48 Jam	.000	.499	15	.000
	72 Jam	.000	.525	15	.000

Between Subjects-Factors

		Value Label	N
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9
Waktu Pengamatan	1	24 Jam	15
	2	48 Jam	15
	3	72 Jam	15

Descriptive Statistics

Dependent Variable:Skoring Sensitivitas

Bahan Uji	Waktu Pengamatan	Mean	Std. Deviation	N
LS 9.1	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
EG 6.4	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
BK 5.2	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
NYSM Cair	24 Jam	.00	.000	3
	48 Jam	.00	.000	3
	72 Jam	.00	.000	3
	Total	.00	.000	9
Deterjen	24 Jam	2.33	.577	3
	48 Jam	2.00	.000	3
	72 Jam	1.33	.577	3
	Total	1.89	.601	9

Total	24 Jam	.47	.990	15
	48 Jam	.40	.828	15
	72 Jam	.27	.594	15
	Total	.38	.806	45

Levene's Test of
Equality of Error
Variances

Dependent Variable:Skoring Sensitivitas

F	df1	df2	Sig.
14.857	14	30	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Bahan + Pengamatan + Bahan * Pengamatan

Tests of Between-Subjects Effects

Dependent Variable:Skoring Sensitivitas

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	27.244 ^a	14	1.946	43.786	.000
Intercept	6.422	1	6.422	144.500	.000
Bahan	25.689	4	6.422	144.500	.000
Pengamatan	.311	2	.156	3.500	.043
Bahan * Pengamatan	1.244	8	.156	3.500	.006
Error	1.333	30	.044		
Total	35.000	45			
Corrected Total	28.578	44			

a. R Squared = .953 (Adjusted R Squared = .932)

Estimated Marginal Means

4. Bahan Uji

Dependent Variable:Skoring Sensitivitas

Bahan Uji			95% Confidence Interval	
	Mean	Std. Error	Lower Bound	Upper Bound
LS 9.1	7.404E-17	.070	-.144	.144
EG 6.4	-7.400E-17	.070	-.144	.144
BK 5.2	1.850E-16	.070	-.144	.144
NYSM Cair	1.355E-20	.070	-.144	.144
Deterjen	1.889	.070	1.745	2.032

5. Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan			95% Confidence Interval	
	Mean	Std. Error	Lower Bound	Upper Bound
24 Jam	.467	.054	.355	.578
48 Jam	.400	.054	.289	.511
72 Jam	.267	.054	.155	.378

6. Bahan Uji * Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Bahan Uji	Waktu Pengamatan	95% Confidence Interval			
		Mean	Std. Error	Lower Bound	Upper Bound
LS 9.1	24 Jam	.000	.122	-.249	.249
	48 Jam	.000	.122	-.249	.249
	72 Jam	2.220 E-16	.122	-.249	.249
EG 6.4	24 Jam	- 2.220 E-16	.122	-.249	.249
	48 Jam	- 2.220 E-16	.122	-.249	.249
	72 Jam	2.220 E-16	.122	-.249	.249
BK 5.2	24 Jam	.000	.122	-.249	.249
	48 Jam	1.110 E-16	.122	-.249	.249
	72 Jam	4.441 E-16	.122	-.249	.249
NYSM Cair	24 Jam	- 4.441 E-16	.122	-.249	.249
	48 Jam	- 2.220 E-16	.122	-.249	.249
	72 Jam	6.661 E-16	.122	-.249	.249
Deterjen	24 Jam	2.333	.122	2.085	2.582
	48 Jam	2.000	.122	1.751	2.249
	72 Jam	1.333	.122	1.085	1.582

Lampiran 8. Uji Normalitas dan Uji Homogenitas Pengolesan I pada Daun Telinga Hewan Coba

Between-Subjects Factors

		Value Label	N
Waktu Pengamatan	1	24 jam	15
	2	48 jam	15
	3	72 jam	15
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9

Test of Between-Subjects Effects
Dependent Variable: Skoring Sensitivitas

Source	Type III Sum Of Squares	df	Mean Square	F	Sig.
Corrected Model	28.800 ^a	14	.914	13.714	.000
Intercept	3.200	1	3.200	48.000	.000
Bahan	.000	2	.000	.000	1.000
Pengamatan	12.800	4	3.200	48.000	.000
Waktu * Isolat	.000	8	.000	.000	1.000
Error	2.000	30	.067		
Total	18.000	45			
Corrected Total	14.800	44			

a. R Squared = .865 (Adjust R Squared = .802)

Bahan Uji

Case Processing Summary

Bahan Uji		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Skoring	LS 9.1	9	100.0%	0	.0%	9	100.0%
Sensitivitas	EG 6.4	9	100.0%	0	.0%	9	100.0%
	BK 5.2	9	100.0%	0	.0%	9	100.0%
	NYSM Cair	9	100.0%	0	.0%	9	100.0%
	Deterjen	9	100.0%	0	.0%	9	100.0%

Descriptives

Bahan Uji		Statistic	Std. Error	
Skoring	Deterjen	Mean	1.89	
Sensitivitas	95% Confidence Interval for Mean	Lower Bound	1.43	
		Upper Bound	2.35	
		5% Trimmed Mean	1.88	
		Median	2.00	
		Variance	.361	
		Std. Deviation	.601	
		Minimum	1	
		Maximum	3	
		Range	2	
		Interquartile Range	0	
		Skewness	-.018	.717
		Kurtosis	1.126	1.400

Test of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for Hasil	.433	45	.000	.566	45	.000

Waktu Pengamatan

Case Processing Summary

	Waktu Pengamatan	Cases		
		Valid		Missing
		N	Percent	N
Skoring	24 Jam	15	100.0%	0
Sensitivitas	48 Jam	15	100.0%	0
	72 Jam	15	100.0%	0

Case Processing Summary

	Waktu Pengamatan	Cases		
		Missing	Total	
		Percent	N	Percent
Skoring	24 Jam	.0%	15	100.0%
Sensitivitas	48 Jam	.0%	15	100.0%
	72 Jam	.0%	15	100.0%

Descriptives

Waktu Pengamatan		Statistic	Std. Error
	Mean	.47	.256
95% Confidence Interval for Mean	Lower Bound	-.08	
	Upper Bound	1.02	
	5% Trimmed Mean	.35	
	Median	.00	
	Variance	.981	
	Std. Deviation	.990	
	Minimum	0	
	Maximum	3	
	Range	3	
	Interquartile Range	0	
	Skewness	1.887	.580
	Kurtosis	2.262	1.121
<hr/>			
	Mean	.40	.214
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.86	
	5% Trimmed Mean	.33	
	Median	.00	
	Variance	.686	
	Std. Deviation	.828	
	Minimum	0	
	Maximum	2	
	Range	2	
	Interquartile Range	0	
	Skewness	1.672	.580
	Kurtosis	.897	1.121
<hr/>			
72 Jam	Mean	.27	.153
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.60	
	5% Trimmed Mean	.19	
	Median	.00	

Variance	.352	
Std. Deviation	.594	
Minimum	0	
Maximum	2	
Range	2	
Interquartile Range	0	
Skewness	2.273	.580
Kurtosis	4.785	1.121

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	
		Statistic	df
Skoring	24 Jam	.481	15
Sensitivitas	48 Jam	.485	15
	72 Jam	.473	15

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	Shapiro-Wilk		
		Sig.	Statistic	df	Sig.
Skoring	24 Jam	.000	.533	15	.000
Sensitivitas	48 Jam	.000	.499	15	.000
	72 Jam	.000	.525	15	.000

Between Subjects-Factors

		Value Label	N
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9
Waktu Pengamatan	1	24 Jam	15
	2	48 Jam	15
	3	72 Jam	15

Descriptive Statistics

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan	Bahan Uji	Mean	Std. Deviation	N
24 Jam	LS 9.1	.00	.000	3
	EG 6.4	.00	.000	3
	BK 5.2	.00	.000	3
	NYSM Cair	.00	.000	3
	Deterjen	1.33	.577	3
	Total		.27	.594
48 Jam	LS 9.1	.00	.000	3
	EG 6.4	.00	.000	3
	BK 5.2	.00	.000	3
	NYSM Cair	.00	.000	3
	Deterjen	1.33	.577	3
	Total		.27	.594
72 Jam	LS 9.1	.00	.000	3
	EG 6.4	.00	.000	3
	BK 5.2	.00	.000	3
	NYSM Cair	.00	.000	3
	Deterjen	1.33	.577	3
	Total		.27	.594

Total	LS 9.1	.00	.000	9
	EG 6.4	.00	.000	9
	BK 5.2	.00	.000	9
	NYSM Cair	.00	.000	9
	Deterjen	1.33	.500	9
	Total	.27	.580	45

Levene's Test of Equality of Error Variances
 Dependent Variable: Hasil Uji Sensitivitas

F	df1	df2	Sig.
13.714	14	30	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Waktu + Isolat + Waktu * Isolat

Tests of Between-Subjects Effects
 Dependent Variable: Hasil Uji Sensitivitas

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12.800 ^a	14	.914	13.714	.000
Intercept	3.200	1	3.200	48.000	.000
Waktu	.000	2	.000	.000	1.000
Isolat	12.800	4	3.200	48.000	.000
Waktu * Isolat	.000	8	.000	.000	1.000
Error	2.000	30	.067		
Total	18.000	45			
Corrected Total	14.800	44			

a. R Squared = ,865 (Adjusted R Squared = ,802)

Estimated Marginal Means

7. Bahan Uji

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
24 Jam	.267	.067	.131	.403
48 Jam	.267	.067	.131	.403
72 Jam	.267	.067	.131	.403

8. Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Bahan Uji	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
LS 9.1	5.679E-17	.086	-.176	.176
EG 6.4	3.084E-16	.086	-.176	.176
BK 5.2	1.481E-16	.086	-.176	.176
NYSM Cair	2.468E-16	.086	-.176	.176
Deterjen	1.333	.086	1.158	1.509

9. Bahan Uji * Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan	Bahan Uji	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
24 Jam	LS 9.1	-7.445E-18	.149	-.304	.304
	EG 6.4	2.775E-16	.149	-.304	.304
	BK 5.2	1.480E-16	.149	-.304	.304
	NYSM Cair	3.331E-16	.149	-.304	.304
	Deterjen	1.333	.149	1.029	1.638
48 Jam	LS 9.1	-4.445E-17	.149	-.304	.304
	EG 6.4	2.035E-16	.149	-.304	.304
	BK 5.2	7.401E-17	.149	-.304	.304
	NYSM Cair	1.851E-16	.149	-.304	.304
	Deterjen	1.333	.149	1.029	1.638
72 Jam	LS 9.1	2.220E-16	.149	-.304	.304
	EG 6.4	4.441E-16	.149	-.304	.304
	BK 5.2	2.220E-16	.149	-.304	.304
	NYSM Cair	2.220E-16	.149	-.304	.304
	Deterjen	1.333	.149	1.029	1.638

Lampiran 9. Uji Normalitas dan Uji Homogenitas Pengolesan II pada Daun Telinga Hewan Coba

Between-Subjects Factors

		Value Label	N
Waktu Pengamatan	1	24 jam	15
	2	48 jam	15
	3	72 jam	15
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9

Test of Between-Subjects Effects
Dependent Variable: Skoring Sensitivitas

Source	Type III Sum Of Squares	df	Mean Square	F	Sig.
Corrected Model	28.800 ^a	14	.914	13.714	.000
Intercept	3.200	1	3.200	48.000	.000
Bahan	.000	2	.000	.000	1.000
Pengamatan	12.800	4	3.200	48.000	.000
Waktu * Isolat	.000	8	.000	.000	1.000
Error	2.000	30	.067		
Total	18.000	45			
Corrected Total	14.800	44			

a. R Squared = .865 (Adjust R Squared = .802)

Bahan Uji

Case Processing Summary

Bahan Uji		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Skoring	LS 9.1	9	100.0%	0	.0%	9	100.0%
Sensitivitas	EG 6.4	9	100.0%	0	.0%	9	100.0%
	BK 5.2	9	100.0%	0	.0%	9	100.0%
	NYSM Cair	9	100.0%	0	.0%	9	100.0%
	Deterjen	9	100.0%	0	.0%	9	100.0%

Descriptives

Bahan Uji			Statistic	Std. Error
Skoring	Deterjen	Mean	1.89	.200
Sensitivitas	95% Confidence Interval for Mean	Lower Bound	1.43	
		Upper Bound	2.35	
		5% Trimmed Mean	1.88	
		Median	2.00	
		Variance	.361	
		Std. Deviation	.601	
		Minimum	1	
		Maximum	3	
		Range	2	
		Interquartile Range	0	
		Skewness	-.018	.717
		Kurtosis	1.126	1.400

Test of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for Hasil	.433	45	.000	.566	45	.000

Waktu Pengamatan

Case Processing Summary

	Waktu Pengamatan	Cases		
		Valid		Missing
		N	Percent	N
Skoring	24 Jam	15	100.0%	0
Sensitivitas	48 Jam	15	100.0%	0
	72 Jam	15	100.0%	0

Case Processing Summary

	Waktu Pengamatan	Cases		
		Missing	Total	
		Percent	N	Percent
Skoring	24 Jam	.0%	15	100.0%
Sensitivitas	48 Jam	.0%	15	100.0%
	72 Jam	.0%	15	100.0%

Descriptives

Waktu Pengamatan		Statistic	Std. Error
	Mean	.47	.256
95% Confidence Interval for Mean	Lower Bound	-.08	
	Upper Bound	1.02	
	5% Trimmed Mean	.35	
	Median	.00	
	Variance	.981	
	Std. Deviation	.990	
	Minimum	0	
	Maximum	3	
	Range	3	
	Interquartile Range	0	
	Skewness	1.887	.580
	Kurtosis	2.262	1.121
<hr/>			
	Mean	.40	.214
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.86	
	5% Trimmed Mean	.33	
	Median	.00	
	Variance	.686	
	Std. Deviation	.828	
	Minimum	0	
	Maximum	2	
	Range	2	
	Interquartile Range	0	
	Skewness	1.672	.580
	Kurtosis	.897	1.121
<hr/>			
72 Jam	Mean	.27	.153
95% Confidence Interval for Mean	Lower Bound	-.06	
	Upper Bound	.60	
	5% Trimmed Mean	.19	
	Median	.00	

Variance	.352	
Std. Deviation	.594	
Minimum	0	
Maximum	2	
Range	2	
Interquartile Range	0	
Skewness	2.273	.580
Kurtosis	4.785	1.121

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	
		Statistic	df
Skoring	24 Jam	.481	15
Sensitivitas	48 Jam	.485	15
	72 Jam	.473	15

Tests of Normality

	Waktu Pengamatan	Kolmogorov-Smirnov ^a	Shapiro-Wilk		
		Sig.	Statistic	df	Sig.
Skoring	24 Jam	.000	.533	15	.000
Sensitivitas	48 Jam	.000	.499	15	.000
	72 Jam	.000	.525	15	.000

Between Subjects-Factors

		Value Label	N
Bahan Uji	1	LS 9.1	9
	2	EG 6.4	9
	3	BK 5.2	9
	4	NYSM Cair	9
	5	Deterjen	9
Waktu Pengamatan	1	24 Jam	15
	2	48 Jam	15
	3	72 Jam	15

Descriptive Statistics

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan	Bahan Uji	Mean	Std. Deviation	N
24 Jam	LS 9.1	.00	.000	3
	EG 6.4	.00	.000	3
	BK 5.2	.00	.000	3
	NYSM Cair	.00	.000	3
	Deterjen	1.33	.577	3
	Total	.27	.594	15
48 Jam	LS 9.1	.00	.000	3
	EG 6.4	.00	.000	3
	BK 5.2	.00	.000	3
	NYSM Cair	.00	.000	3
	Deterjen	1.33	.577	3
	Total	.27	.594	15
72 Jam	LS 9.1	.00	.000	3
	EG 6.4	.00	.000	3
	BK 5.2	.00	.000	3
	NYSM Cair	.00	.000	3
	Deterjen	1.33	.577	3
	Total	.27	.594	15

Total	LS 9.1	.00	.000	9
	EG 6.4	.00	.000	9
	BK 5.2	.00	.000	9
	NYSM Cair	.00	.000	9
	Deterjen	1.33	.500	9
	Total	.27	.580	45

Levene's Test of Equality of Error Variances
 Dependent Variable: Hasil Uji Sensitivitas

F	df1	df2	Sig.
13.714	14	30	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Waktu + Isolat + Waktu * Isolat

Tests of Between-Subjects Effects
 Dependent Variable: Hasil Uji Sensitivitas

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12.800 ^a	14	.914	13.714	.000
Intercept	3.200	1	3.200	48.000	.000
Waktu	.000	2	.000	.000	1.000
Isolat	12.800	4	3.200	48.000	.000
Waktu * Isolat	.000	8	.000	.000	1.000
Error	2.000	30	.067		
Total	18.000	45			
Corrected Total	14.800	44			

a. R Squared = ,865 (Adjusted R Squared = ,802)

Estimated Marginal Means

10. Bahan Uji

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
24 Jam	.267	.067	.131	.403
48 Jam	.267	.067	.131	.403
72 Jam	.267	.067	.131	.403

11. Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Bahan Uji	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
LS 9.1	5.679E-17	.086	-.176	.176
EG 6.4	3.084E-16	.086	-.176	.176
BK 5.2	1.481E-16	.086	-.176	.176
NYSM Cair	2.468E-16	.086	-.176	.176
Deterjen	1.333	.086	1.158	1.509

12. Bahan Uji * Waktu Pengamatan

Dependent Variable:Skoring Sensitivitas

Waktu Pengamatan	Bahan Uji	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
24 Jam	LS 9.1	-7.445E-18	.149	-.304	.304
	EG 6.4	2.775E-16	.149	-.304	.304
	BK 5.2	1.480E-16	.149	-.304	.304
	NYSM Cair	3.331E-16	.149	-.304	.304
	Deterjen	1.333	.149	1.029	1.638
48 Jam	LS 9.1	-4.445E-17	.149	-.304	.304
	EG 6.4	2.035E-16	.149	-.304	.304
	BK 5.2	7.401E-17	.149	-.304	.304
	NYSM Cair	1.851E-16	.149	-.304	.304
	Deterjen	1.333	.149	1.029	1.638
72 Jam	LS 9.1	2.220E-16	.149	-.304	.304
	EG 6.4	4.441E-16	.149	-.304	.304
	BK 5.2	2.220E-16	.149	-.304	.304
	NYSM Cair	2.220E-16	.149	-.304	.304
	Deterjen	1.333	.149	1.029	1.638

Lampiran 10. Uji *Kruskal Wallis* Pengolesan I pada Punggung Hewan Coba

Uji *Krusal Wallis* Pengolesan I pada Punggung Pengamatan 24 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 24 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM Cair	3	6.50
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

a. *Kruskal Wallis* Test

b. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan I pada Punggung Pengamatan 48 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 48 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 48 Jam
Chi-Square	14.000
df	4
Asymp. Sig.	.007

a. *Kruskal Wallis Test*

b. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan I pada Punggung Pengamatan 72 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 72 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

c. *Kruskal Wallis Test*

d. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Lampiran 11. Uji Kruskal Wallis Pengolesan II pada Punggung Hewan Coba

Uji Kruskal Wallis Pengolesan II pada Punggung Pengamatan 24 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 24 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM Cair	3	6.50
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

e. Kruskal Wallis Test

f. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan II pada Punggung Pengamatan 48 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 48 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 48 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

c. *Kruskal Wallis Test*

d. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan II pada Punggung Pengamatan 72 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 72 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

g. *Kruskal Wallis Test*

h. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Lampiran 12. Uji *Kruskal Wallis* dan *Mann Whitney* Pengolesan I pada Daun Telinga Hewan Coba

Uji *Krusal Wallis* Pengolesan I pada Daun Telinga Pengamatan 24 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 24 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

i. *Kruskal Wallis* Test

j. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig.> 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig.< 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan I pada Daun Telinga Pengamatan 48 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 48 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 48 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

e. *Kruskal Wallis* Test

f. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan I pada Daun Telinga Pengamatan 72 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 72 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

k. Kruskal Wallis Test

l. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Lampiran 13. Uji *Kruskal Wallis* dan *Mann Whitney* Pengolesan II pada Daun Telinga Hewan Coba

Uji *Krusal Wallis* Pengolesan II pada Daun Telinga Pengamatan 24 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 24 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM Cair	3	6.50
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	13.846
df	4
Asymp. Sig.	.008

m. Kruskal Wallis Test

n. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan II pada Daun Telinga Pengamatan 48 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 48 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 48 Jam
Chi-Square	14.000
df	4
Asymp. Sig.	.007

g. *Kruskal Wallis* Test

h. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima

Uji *Krusal Wallis* Pengolesan II pada Daun Telinga Pengamatan 72 Jam

Kruskal-Wallis Test

Ranks

	Bahan Uji	N	Mean Rank
Skoring Sensitivitas 72 Jam	LS 9.1	3	6.50
	EG 6.4	3	6.50
	BK 5.2	3	6.50
	NYSM	3	6.50
	Cair		
	Deterjen	3	14.00
	Total	15	

Test Statistics

	Skoring Sensitivitas 24 Jam
Chi-Square	14.000
df	4
Asymp. Sig.	.007

o. Kruskal Wallis Test

p. Grouping Variable: Bahan Uji

Jika nilai Asymp. Sig. > 0.05 maka tidak ada perbedaan atau H0 diterima dan H1 ditolak

Jika nilai Asymp. Sig. < 0.05 maka ada perbedaan atau H0 ditolak dan H1 diterima