

LAMPIRAN

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Mortalitas	,276	96	,000	,729	96	,000

1. Uji Normalitas

Test of Homogeneity of Variances

Mortalitas

Levene Statistic	df1	df2	Sig.
8,828	7	88	,000

2. Levene's Test

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Mortalitas is the same across categories of Konsentrasi.	Independent-Samples Kruskal-Wallis Test	,000	Reject the null hypothesis.

3. Uji Kruskal-Wallis

	Mortalitas
Mann-Whitney U	63,500
Wilcoxon W	141,500
Z	-,611
Asymp. Sig. (2-tailed)	,541
Exact Sig. [2*(1-tailed Sig.)]	,630 ^b

4. Uji Mann-Whitney konsentrasi 5% dan 10%

	Mortalitas
Mann-Whitney U	55,500
Wilcoxon W	133,500
Z	-1,135
Asymp. Sig. (2-tailed)	,256
Exact Sig. [2*(1-tailed Sig.)]	,347 ^b

5. Uji mann-whitney konsentrasi 5% dan 20%

Test Statistics^a

	Mortalitas
Mann-Whitney U	34,500
Wilcoxon W	112,500
Z	-2,363
Asymp. Sig. (2-tailed)	,018
Exact Sig. [2*(1-tailed Sig.)]	,028 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

6. Uji mann-whitney konsentrasi 5% dan 40%

Test Statistics^a

	Mortalitas
Mann-Whitney U	26,000
Wilcoxon W	104,000
Z	-2,853
Asymp. Sig. (2-tailed)	,004
Exact Sig. [2*(1-tailed Sig.)]	,007 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

7. Uji mann-whitney konsentrasi 5% dan 60%

Test Statistics^a

	Mortalitas
Mann-Whitney U	9,500
Wilcoxon W	87,500
Z	-3,821
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

8. Uji mann-whitney konsentrasi 5% dan 80%

Test Statistics^a

	Mortalitas
Mann-Whitney U	2,500
Wilcoxon W	80,500
Z	-4,241
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

9. Uji mann-whitney konsentrasi 5% dan kontrol –

Test Statistics^a

	Mortalitas
Mann-Whitney U	54,000
Wilcoxon W	132,000
Z	-1,808
Asymp. Sig. (2-tailed)	,071
Exact Sig. [2*(1-tailed Sig.)]	,319 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

10. Uji mann-whitney konsentrasi 5% dan kontrol +

Test Statistics^a

	Mortalitas
Mann-Whitney U	63,500
Wilcoxon W	141,500
Z	-,564
Asymp. Sig. (2-tailed)	,572
Exact Sig. [2*(1-tailed Sig.)]	,630 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

11. Uji mann-whitney konsentrasi 10% dan 20%

Test Statistics^a

	Mortalitas
Mann-Whitney U	41,500
Wilcoxon W	119,500
Z	-1,884
Asymp. Sig. (2-tailed)	,060
Exact Sig. [2*(1-tailed Sig.)]	,078 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

12. Uji mann-whitney konsentrasi 10% dan 40%

Test Statistics^a

	Mortalitas
Mann-Whitney U	32,000
Wilcoxon W	110,000
Z	-2,440
Asymp. Sig. (2-tailed)	,015
Exact Sig. [2*(1-tailed Sig.)]	,020 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

13. Uji mann-whitney konsentrasi 10% dan 60%

Test Statistics^a

	Mortalitas
Mann-Whitney U	14,000
Wilcoxon W	92,000
Z	-3,508
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

14. Uji mann-whitney konsentrasi 10% dan 80%

Test Statistics^a

	Mortalitas
Mann-Whitney U	6,500
Wilcoxon W	84,500
Z	-3,962
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

15. Uji mann-whitney konsentrasi 10% dan kontrol –

Test Statistics^a

	Mortalitas
Mann-Whitney U	48,000
Wilcoxon W	126,000
Z	-2,134
Asymp. Sig. (2-tailed)	,033
Exact Sig. [2*(1-tailed Sig.)]	,178 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

16. Uji mann-whitney konsentrasi 10% dan kontrol +

Test Statistics^a

	Mortalitas
Mann-Whitney U	50,500
Wilcoxon W	128,500
Z	-1,308
Asymp. Sig. (2-tailed)	,191
Exact Sig. [2*(1-tailed Sig.)]	,219 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

17. Uji mann-whitney konsentrasi 20% dan 40%

Test Statistics^a

	Mortalitas
Mann-Whitney U	40,500
Wilcoxon W	118,500
Z	-1,904
Asymp. Sig. (2-tailed)	,057
Exact Sig. [2*(1-tailed Sig.)]	,068 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

18. Uji mann-whitney konsentrasi 20% dan 60%

Test Statistics^a

	Mortalitas
Mann-Whitney U	21,000
Wilcoxon W	99,000
Z	-3,085
Asymp. Sig. (2-tailed)	,002
Exact Sig. [2*(1-tailed Sig.)]	,002 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

19. Uji mann-whitney konsentrasi 20% dan 80%

Test Statistics^a

	Mortalitas
Mann-Whitney U	13,500
Wilcoxon W	91,500
Z	-3,554
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

20. Uji mann-whitney konsentrasi 20% dan kontrol –

Test Statistics^a

	Mortalitas
Mann-Whitney U	42,000
Wilcoxon W	120,000
Z	-2,439
Asymp. Sig. (2-tailed)	,015
Exact Sig. [2*(1-tailed Sig.)]	,089 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

21. Uji mann-whitney konsentrasi 20% dan kontrol +

Test Statistics^a

	Mortalitas
Mann-Whitney U	60,000
Wilcoxon W	138,000
Z	-,715
Asymp. Sig. (2-tailed)	,475
Exact Sig. [2*(1-tailed Sig.)]	,514 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

22. Uji mann-whitney konsentrasi 40% dan 60%

Test Statistics^a

	Mortalitas
Mann-Whitney U	38,500
Wilcoxon W	116,500
Z	-2,044
Asymp. Sig. (2-tailed)	,041
Exact Sig. [2*(1-tailed Sig.)]	,052 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

23. Uji mann-whitney konsentrasi 40% dan 80%

Test Statistics^a

	Mortalitas
Mann-Whitney U	30,500
Wilcoxon W	108,500
Z	-2,567
Asymp. Sig. (2-tailed)	,010
Exact Sig. [2*(1-tailed Sig.)]	,014 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

24. Uji mann-whitney konsentrasi 40% dan kontrol –

Test Statistics^a

	Mortalitas
Mann-Whitney U	24,000
Wilcoxon W	102,000
Z	-3,306
Asymp. Sig. (2-tailed)	,001
Exact Sig. [2*(1-tailed Sig.)]	,005 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

25. Uji mann-whitney konsentrasi 40% dan kontrol +

Test Statistics^a

	Mortalitas
Mann-Whitney U	51,000
Wilcoxon W	129,000
Z	-1,325
Asymp. Sig. (2-tailed)	,185
Exact Sig. [2*(1-tailed Sig.)]	,242 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

26. Uji mann-whitney konsentrasi 60% dan 80%

Test Statistics^a

	Mortalitas
Mann-Whitney U	43,500
Wilcoxon W	121,500
Z	-1,840
Asymp. Sig. (2-tailed)	,066
Exact Sig. [2*(1-tailed Sig.)]	,101 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

27. Uji mann-whitney konsentrasi 60% dan kontrol –

Test Statistics^a

	Mortalitas
Mann-Whitney U	18,000
Wilcoxon W	96,000
Z	-3,605
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,001 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

28. Uji mann-whitney konsentrasi 60% dan kontrol +

Test Statistics^a

	Mortalitas
Mann-Whitney U	64,500
Wilcoxon W	142,500
Z	-,539
Asymp. Sig. (2-tailed)	,590
Exact Sig. [2*(1-tailed Sig.)]	,671 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

29. Uji mann-whitney konsentrasi 80% dan kontrol –

Test Statistics^a

	Mortalitas
Mann-Whitney U	6,000
Wilcoxon W	84,000
Z	-4,246
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

30. Uji mann-whitney konsentrasi 80% dan kontrol +

Test Statistics^a

	Mortalitas
Mann-Whitney U	,000
Wilcoxon W	78,000
Z	-4,581
Asymp. Sig. (2-tailed)	,000
Exact Sig. [2*(1-tailed Sig.)]	,000 ^b

a. Grouping Variable:
Konsentrasi

b. Not corrected for ties.

31. Uji mann-whitney konsentrasi kontrol - dan kontrol +

Confidence Limits

	Probability	95% Confidence Limits for Konsentrasi		
		Estimate	Lower Bound	Upper Bound
PROBIT ^a	,010	-8,776	-37,285	-3,189
	,020	-7,024	-31,873	-2,126
	,030	-5,911	-28,442	-1,448
	,040	-5,075	-25,864	-,936
	,050	-4,394	-23,768	-,518
	,060	-3,815	-21,986	-,160
	,070	-3,307	-20,424	,155
	,080	-2,853	-19,028	,438
	,090	-2,439	-17,759	,697
	,100	-2,059	-16,592	,937
	,150	-,482	-11,780	1,947
	,200	,770	-7,992	2,787
	,250	1,845	-4,796	3,562
	,300	2,810	-2,020	4,351
	,350	3,704	,375	5,260
	,400	4,553	2,308	6,461
	,450	5,374	3,697	8,106
	,500	6,182	4,663	10,125
	,550	6,989	5,408	12,365
	,600	7,810	6,055	14,751
	,650	8,659	6,664	17,277
	,700	9,553	7,270	19,975
	,750	10,518	7,901	22,910
	,800	11,593	8,585	26,196
	,850	12,845	9,369	30,039
	,900	14,422	10,342	34,889
	,910	14,802	10,576	36,062
	,920	15,216	10,829	37,337
	,930	15,670	11,106	38,739
	,940	16,178	11,416	40,306
	,950	16,757	11,768	42,093
	,960	17,438	12,182	44,194
	,970	18,275	12,689	46,778
	,980	19,387	13,361	50,214
	,990	21,139	14,418	55,632

a. A heterogeneity factor is used.

32. Analisis Probit *Lethal Concentration*

Confidence Limits

Konsentrasi	Probability	95% Confidence Limits for Jam		
		Estimate	Lower Bound	Upper Bound
	,010	8,631	7,318	9,638
	,020	9,007	7,767	9,988
	,030	9,246	8,049	10,214
	,040	9,425	8,260	10,386
	,050	9,571	8,429	10,527
	,060	9,695	8,573	10,648
	,070	9,804	8,698	10,754
	,080	9,902	8,809	10,851
	,090	9,990	8,910	10,939
	,100	10,072	9,002	11,020
	,150	10,410	9,380	11,362
PROBIT 5	,200	10,679	9,675	11,639
	,250	10,910	9,924	11,880
	,300	11,117	10,144	12,100
	,350	11,308	10,346	12,307
	,400	11,491	10,535	12,505
	,450	11,667	10,716	12,699
	,500	11,840	10,892	12,892
	,550	12,013	11,065	13,087
	,600	12,190	11,240	13,287
	,650	12,372	11,419	13,496
	,700	12,563	11,605	13,718

	,750	12,770	11,804	13,960
	,800	13,001	12,022	14,232
	,850	13,270	12,274	14,552
	,900	13,608	12,586	14,960
	,910	13,690	12,661	15,059
	,920	13,778	12,741	15,167
	,930	13,876	12,830	15,286
	,940	13,985	12,929	15,419
	,950	14,109	13,040	15,571
	,960	14,255	13,171	15,751
	,970	14,435	13,331	15,973
	,980	14,673	13,542	16,270
	,990	15,049	13,872	16,740

Confidence Limits

Konsentrasi	Probability	95% Confidence Limits for Jam			
		Estimate	Lower Bound	Upper Bound	
10	PROBIT	,010	7,326	5,997	8,280
		,020	7,702	6,460	8,617
		,030	7,941	6,752	8,833
		,040	8,121	6,969	8,997
		,050	8,267	7,145	9,132
		,060	8,391	7,294	9,248
		,070	8,500	7,424	9,350
		,080	8,597	7,539	9,442
		,090	8,686	7,644	9,526

	,100	8,768	7,740	9,603
	,150	9,106	8,133	9,930
	,200	9,375	8,440	10,194
	,250	9,605	8,700	10,426
	,300	9,812	8,929	10,637
	,350	10,004	9,139	10,835
	,400	10,186	9,335	11,027
	,450	10,362	9,522	11,214
	,500	10,536	9,704	11,401
	,550	10,709	9,884	11,590
	,600	10,885	10,064	11,785
	,650	11,067	10,247	11,989
	,700	11,259	10,438	12,206
	,750	11,466	10,641	12,444
	,800	11,697	10,864	12,712
	,850	11,965	11,119	13,028
	,900	12,303	11,435	13,431
	,910	12,385	11,511	13,530
	,920	12,474	11,592	13,637
	,930	12,571	11,682	13,755
	,940	12,680	11,781	13,888
	,950	12,805	11,893	14,040
	,960	12,951	12,025	14,219
	,970	13,130	12,185	14,440
	,980	13,369	12,397	14,736

	,990	13,745	12,727	15,206
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Confidence Limits

Konsentrasi	Probability	95% Confidence Limits for Jam		
		Estimate	Lower Bound	Upper Bound
PROBIT 20	,010	6,118	4,763	7,069
	,020	6,495	5,232	7,401
	,030	6,733	5,526	7,614
	,040	6,913	5,746	7,775
	,050	7,059	5,924	7,908
	,060	7,183	6,075	8,022
	,070	7,292	6,207	8,122
	,080	7,389	6,324	8,212
	,090	7,478	6,431	8,294
	,100	7,560	6,528	8,371
	,150	7,898	6,927	8,691
	,200	8,167	7,240	8,950
	,250	8,397	7,504	9,177
	,300	8,604	7,737	9,384
	,350	8,796	7,951	9,579
	,400	8,978	8,151	9,766
	,450	9,154	8,341	9,950
	,500	9,328	8,526	10,134
	,550	9,501	8,709	10,320
	,600	9,677	8,892	10,512
,650	9,859	9,078	10,713	

	,700	10,051	9,272	10,928
	,750	10,258	9,477	11,163
	,800	10,489	9,703	11,428
	,850	10,757	9,961	11,742
	,900	11,095	10,279	12,143
	,910	11,177	10,355	12,241
	,920	11,266	10,437	12,347
	,930	11,363	10,527	12,465
	,940	11,472	10,627	12,597
	,950	11,597	10,740	12,748
	,960	11,743	10,872	12,927
	,970	11,922	11,033	13,148
	,980	12,161	11,246	13,443
	,990	12,537	11,577	13,912

Confidence Limits

Konsentrasi	Probability	95% Confidence Limits for Jam		
		Estimate	Lower Bound	Upper Bound
40	PROBIT ,010	3,585	2,223	4,537
	,020	3,961	2,692	4,868
	,030	4,200	2,987	5,081
	,040	4,379	3,208	5,242
	,050	4,525	3,386	5,374
	,060	4,650	3,537	5,488
	,070	4,758	3,669	5,587
	,080	4,856	3,787	5,677

	,090	4,945	3,893	5,760
	,100	5,026	3,991	5,836
	,150	5,365	4,392	6,155
	,200	5,633	4,705	6,413
	,250	5,864	4,969	6,639
	,300	6,071	5,204	6,845
	,350	6,263	5,418	7,039
	,400	6,445	5,618	7,226
	,450	6,621	5,810	7,410
	,500	6,794	5,995	7,593
	,550	6,968	6,179	7,779
	,600	7,144	6,362	7,970
	,650	7,326	6,549	8,170
	,700	7,518	6,743	8,384
	,750	7,725	6,949	8,619
	,800	7,955	7,175	8,883
	,850	8,224	7,434	9,197
	,900	8,562	7,753	9,597
	,910	8,644	7,829	9,695
	,920	8,733	7,911	9,801
	,930	8,830	8,001	9,919
	,940	8,939	8,101	10,051
	,950	9,063	8,214	10,202
	,960	9,209	8,347	10,380
	,970	9,389	8,508	10,601

	,980	9,627	8,721	10,896
	,990	10,003	9,052	11,365

Confidence Limits

Konsentrasi	Probability	95% Confidence Limits for Jam		
		Estimate	Lower Bound	Upper Bound
PROBIT	,010	2,263	,892	3,223
	,020	2,639	1,361	3,555
	,030	2,878	1,655	3,768
	,040	3,057	1,876	3,929
	,050	3,203	2,054	4,062
	,060	3,327	2,205	4,175
	,070	3,436	2,337	4,275
	,080	3,534	2,454	4,365
	,090	3,623	2,561	4,448
	,100	3,704	2,658	4,524
60	,150	4,042	3,058	4,843
	,200	4,311	3,371	5,102
	,250	4,542	3,636	5,328
	,300	4,749	3,870	5,535
	,350	4,941	4,084	5,729
	,400	5,123	4,284	5,916
	,450	5,299	4,476	6,099
	,500	5,472	4,661	6,282
	,550	5,646	4,845	6,468
	,600	5,822	5,028	6,659

	,650	6,004	5,215	6,859
	,700	6,196	5,410	7,073
	,750	6,403	5,616	7,307
	,800	6,633	5,842	7,572
	,850	6,902	6,101	7,885
	,900	7,240	6,421	8,285
	,910	7,322	6,497	8,382
	,920	7,410	6,579	8,489
	,930	7,508	6,670	8,606
	,940	7,617	6,770	8,738
	,950	7,741	6,883	8,889
	,960	7,887	7,016	9,067
	,970	8,067	7,177	9,287
	,980	8,305	7,390	9,582
	,990	8,681	7,722	10,050

Confidence Limits

Konsentrasi	Probability	95% Confidence Limits for Jam		
		Estimate	Lower Bound	Upper Bound
80	,010	-,317	-1,746	,680
	,020	,059	-1,277	1,011
	,030	,298	-,981	1,223
	,040	,477	-,760	1,384
	,050	,623	-,581	1,515
	,060	,747	-,430	1,628
	,070	,856	-,297	1,728

	,080	,954	-,179	1,817
	,090	1,043	-,072	1,899
	,100	1,124	,026	1,975
	,150	1,462	,428	2,292
	,200	1,731	,743	2,548
	,250	1,962	1,010	2,772
	,300	2,169	1,247	2,976
	,350	2,361	1,463	3,168
	,400	2,543	1,666	3,353
	,450	2,719	1,859	3,534
	,500	2,892	2,047	3,715
	,550	3,066	2,233	3,898
	,600	3,242	2,419	4,086
	,650	3,424	2,609	4,284
	,700	3,616	2,806	4,495
	,750	3,823	3,016	4,726
	,800	4,053	3,245	4,987
	,850	4,322	3,508	5,296
	,900	4,660	3,832	5,692
	,910	4,742	3,909	5,788
	,920	4,830	3,992	5,894
	,930	4,928	4,084	6,010
	,940	5,037	4,185	6,141
	,950	5,161	4,300	6,290
	,960	5,307	4,434	6,467

	,970	5,487	4,597	6,685
	,980	5,725	4,812	6,978
	,990	6,101	5,147	7,443

33. Analisis Probit *Lethal Time*



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Unggul & Islami

FAKULTAS
KEDOKTERAN DAN
ILMU KESEHATAN

Nomor : 212/EP-FKIK-UMY/IV/2018

KETERANGAN LOLOS UJI ETIK *ETHICAL APPROVAL*

Komite Etik Penelitian Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta dalam upaya melindungi hak asasi dan kesejahteraan responden/subyek penelitian, telah mengkaji dengan teliti protokol berjudul :

The Ethics Committee of the Faculty of Medicine and Health Sciences, University of Muhammadiyah Yogyakarta, with regards of the protection of human rights and welfare in research, has carefully reviewed the research protocol entitled :

“Uji Efektivitas Ekstra Daun Pepaya (Carica Papaya L.) sebagai Antihelmintik terhadap Cacing Ascaridia Galli”

Peneliti Utama : Farindira Vesti Rahmasari
Principal Investigator : Fikri Adhi Wibowo

Nama Institusi : Program Studi Kedokteran FKIK UMY
Name of the Institution

Negara : Indonesia
Country

Dan telah menyetujui protokol tersebut diatas.
And approved the above-mentioned protocol.

Yogyakarta, 17 April 2018

Ketua

Chairperson



*Dr. dr. Titiek Hidayati, M.Kes.,
FISPH., FISCM.*

***Peneliti Berkewajiban :**

1. Menjaga kerahasiaan identitas subyek penelitian
2. Memberitahukan status penelitian apabila :
 - a. Setelah masa berlakunya keterangan lolos uji etik (1 tahun sejak tanggal terbit), penelitian masih belum selesai, dalam hal ini *ethical clearance* harus diperpanjang
 - b. Penelitian berhenti di tengah jalan
3. Melaporkan kejadian serius yang tidak diinginkan (*serious adverse events*).
4. Peneliti tidak boleh melakukan tindakan apapun pada responden/subyek sebelum penelitian lolos uji etik

ADDRESS

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1. Simplisia daun pepaya



2. Penyaringan ekstrak daun pepaya



3. Rotary evaporator



4. waterbathing



5. Cacing *Ascaridia galli* baru diambil dari tempat pemotongan ayam pasar Terban kota Yogyakarta



6. Perlakuan pada jam ke 1



7. Perlakuan pada jam ke 12