.Data Hasil Analisis SPSS

1. Tebal epidermis
   1. krim MABC Tipe A/M
2. Uji normalitas

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Perlakuaanhewanuji | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| TebalepidermiskrimAM | 1 | .198 | 6 | .200\* | .906 | 6 | .410 |
| 2 | .225 | 6 | .200\* | .912 | 6 | .453 |
| 3 | .288 | 6 | .131 | .870 | 6 | .228 |
| 4 | .304 | 6 | .087 | .831 | 6 | .110 |
| 5 | .232 | 6 | .200\* | .853 | 6 | .168 |
| 6 | .187 | 6 | .200\* | .960 | 6 | .823 |
| 7 | .238 | 6 | .200\* | .933 | 6 | .607 |
| a. Lilliefors Significance Correction | |  |  |  |  |  |  |
| \*. This is a lower bound of the true significance. | | |  |  |  |  |  |

1. Uji homogenitas

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| TebalepidermiskrimAM | |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| 10.491 | 6 | 35 | .000 |

1. Kruskal walis

| **Test Statisticsa,b** | |
| --- | --- |
|  | tebalepidermiskrimAM |
| Chi-Square | 37.610 |
| Df | 6 |
| Asymp. Sig. | .000 |
| a. Kruskal Wallis Test | |
| b. Grouping Variable: perlakuaanhewanuji | |

Ada perbedaan yang bermakna antar kelompok

1. Uji mann whitney
2. Kelompok kontrol sehat dengan kontrol negative

| **Test Statisticsb** | |
| --- | --- |
|  | tebalepidermiskrimAM |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: perlakuaanhewanuji | |
|  | |

* 1. **Krim MABC Tipe M/A**

1. Tes normalitas

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Kelompokperlakuan | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| tebalepidermikrimMA | 1 | .208 | 6 | .200\* | .955 | 6 | .778 |
| 2 | .220 | 6 | .200\* | .906 | 6 | .411 |
| 3 | .363 | 6 | .013 | .685 | 6 | .004 |
| 4 | .179 | 6 | .200\* | .937 | 6 | .636 |
| 5 | .158 | 6 | .200\* | .991 | 6 | .992 |
| 6 | .250 | 6 | .200\* | .936 | 6 | .629 |
| 7 | .322 | 6 | .051 | .874 | 6 | .242 |
| a. Lilliefors Significance Correction | |  |  |  |  |  |  |
| \*. This is a lower bound of the true significance. | | |  |  |  |  |  |

1. Tes homogenitas

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| tebalepidermikrimMA | |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| 7.644 | 6 | 35 | .000 |

Tidak homogen

1. Tes krusskal walish

| **Test Statisticsa,b** | |
| --- | --- |
|  | tebalepidermikrimMA |
| Chi-Square | 32.108 |
| df | 6 |
| Asymp. Sig. | .000 |
| a. Kruskal Wallis Test | |
| b. Grouping Variable: kelompokperlakuan | |

Ada perbedaan yang bernakna

1. Uji mann whitney
2. Kelompok kontrol sehat dengan kontrol negatif

| **Test Statisticsb** | |
| --- | --- |
|  | tebalepidermikrimMA |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: kelompokperlakuan | |

**.**

1. **Exspresi COX-2**
   1. **Krim MABC Tipe A/M**

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Kelompokpelakuan | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | Df | Sig. | Statistic | df | Sig. |
| ekspresiCOX2krimam | 1 | .220 | 6 | .200\* | .888 | 6 | .309 |
| 2 | .187 | 6 | .200\* | .956 | 6 | .787 |
| 3 | .232 | 6 | .200\* | .886 | 6 | .299 |
| 4 | .236 | 6 | .200\* | .936 | 6 | .628 |
| 5 | .272 | 6 | .187 | .859 | 6 | .185 |
| 6 | .178 | 6 | .200\* | .903 | 6 | .395 |
| 7 | .259 | 6 | .200\* | .860 | 6 | .190 |
| a. Lilliefors Significance Correction | |  |  |  |  |  |  |
| \*. This is a lower bound of the true significance. | | |  |  |  |  |  |

1. Exspresi cox-2 krim A/M uji homegenitas

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| ekspresiCOX2krimam | |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| 5.412 | 6 | 35 | .000 |

Uji kruskal wallis

| **Test Statisticsa,b** | |
| --- | --- |
|  | ekspresiCOX2krimam |
| Chi-Square | 30.478 |
| Df | 6 |
| Asymp. Sig. | .000 |
| a. Kruskal Wallis Test | |
| b. Grouping Variable: kelompokpelakuan | |

1. Uji mann whitney
2. Kelompok kontrol sehat dengan kontrol negatif

| **Test Statisticsb** | |
| --- | --- |
|  | ekspresiCOX2krimam |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: kelompokpelakuan | |

1. Kelompok kontrol sehat dengan kontrol positif

| **Test Statisticsb** | |
| --- | --- |
|  | ekspresiCOX2krimam |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: kelompokpelakuan | |

1. Kelompok kontrol sehat dengan formula uji

| **Test Statisticsb** | |
| --- | --- |
|  | ekspresiCOX2krimam |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: kelompokpelakuan | |
|  | |

1. Kelompok kontrol sehat dengan kontrol krim A/M tanpa enhaner

| **Test Statisticsb** | |
| --- | --- |
|  | ekspresiCOX2krimam |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |

* 1. **Krim MABC Tipe M/A**

1. Exspresi cox-2 krim M/A uji normalitas

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Perlakuanhewanuji | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | Df | Sig. | Statistic | df | Sig. |
| exspresicox2krimMA | 1 | .204 | 6 | .200\* | .925 | 6 | .540 |
| 2 | .184 | 6 | .200\* | .957 | 6 | .792 |
| 3 | .232 | 6 | .200\* | .886 | 6 | .299 |
| 4 | .284 | 6 | .143 | .910 | 6 | .436 |
| 5 | .221 | 6 | .200\* | .881 | 6 | .273 |
| 6 | .164 | 6 | .200\* | .935 | 6 | .619 |
| 7 | .319 | 6 | .056 | .705 | 6 | .007 |
| a. Lilliefors Significance Correction | |  |  |  |  |  |  |
| \*. This is a lower bound of the true significance. | | |  |  |  |  |  |

1. Exspresi cox-2 krim M/A uji homegenitas

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| exspresicox2krimMA | |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| 3.745 | 6 | 35 | .006 |

1. Uji man whitney

| **Test Statisticsa,b** | |
| --- | --- |
|  | exspresicox2krimMA |
| Chi-Square | 35.690 |
| df | 6 |
| Asymp. Sig. | .000 |
| a. Kruskal Wallis Test | |
| b. Grouping Variable: perlakuanhewanuji | |

1. Uji mann whitney
2. Kelompok kontrol sehat dengan kontrol negatif

| **Test Statisticsb** | |
| --- | --- |
|  | exspresicox2krimMA |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
|  | |

1. Kelompok kontrol sehat dengan kontrol positif

| **Test Statisticsb** | |
| --- | --- |
|  | exspresicox2krimMA |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: perlakuanhewanuji | |

1. Kelompok kontrol sehat dengan formula uji

| **Test Statisticsb** | |
| --- | --- |
|  | exspresicox2krimMA |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: perlakuanhewanuji | |

1. Kelompok kontrol sehat dengan kontrol krim M/A tanpa enhaner

| **Test Statisticsb** | |
| --- | --- |
|  | exspresicox2krimMA |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: perlakuanhewanuji | |

1. **Uji Toksisitas**
2. Data normalitas uji toksisitas ginjal

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Perlakuanhwanuji | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| rasioginjalH1 | Normal | .201 | 5 | .200\* | .966 | 5 | .851 |
| krim tipe A/M | .252 | 5 | .200\* | .937 | 5 | .642 |
| Krim tipe M/A | .265 | 5 | .200\* | .909 | 5 | .463 |
| rasioginjalH14 | Normal | .260 | 5 | .200\* | .903 | 5 | .429 |
| krim tipe A/M | .240 | 5 | .200\* | .894 | 5 | .376 |
| Krim tipe M/A | .303 | 5 | .149 | .874 | 5 | .283 |
| a. Lilliefors Significance Correction | | |  |  |  |  |  |
| \*. This is a lower bound of the true significance. | | | |  |  |  |  |

1. Data homogenitas uji toksisitas ginjal

| **Test of Homogeneity of Variances** | | | | |
| --- | --- | --- | --- | --- |
|  | Levene Statistic | df1 | df2 | Sig. |
| rasioginjalH1 | 1.731 | 2 | 12 | .218 |
| rasioginjalH14 | 2.081 | 2 | 12 | .168 |

1. Data uju t-test

| **Paired Samples Test** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|  |  | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | |
|  |  | Lower | Upper |
| Pair 1 | rasioginjalH1 - rasioginjalH14 | .127932 | .285838 | .073803 | -.030360 | .286224 | 1.733 | 14 | .105 |

1. Uji normalitas toksisitas hati

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Perlakuanhwanuji | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| rasiohatiH1 | Normal | .306 | 5 | .143 | .840 | 5 | .165 |
| krim tipe A/M | .180 | 5 | .200\* | .940 | 5 | .666 |
| Krim tipe M/A | .115 | 5 | .200\* | .997 | 5 | .997 |
| rasiohatiH14 | Normal | .248 | 5 | .200\* | .931 | 5 | .605 |
| krim tipe A/M | .286 | 5 | .200\* | .785 | 5 | .061 |
| Krim tipe M/A | .252 | 5 | .200\* | .867 | 5 | .255 |
| a. Lilliefors Significance Correction | | |  |  |  |  |  |
| \*. This is a lower bound of the true significance. | | | |  |  |  |  |

1. Uji homogenitas

| **Test of Homogeneity of Variances** | | | | |
| --- | --- | --- | --- | --- |
|  | Levene Statistic | df1 | df2 | Sig. |
| rasiohatiH1 | 3.442 | 2 | 12 | .066 |
| rasiohatiH14 | .808 | 2 | 12 | .468 |

1. Uji t-tes

| **Paired Samples Test** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|  |  | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | |
|  |  | Lower | Upper |
| Pair 1 | rasohatiH1 - rasiohatiH14 | -1.310174E0 | 2.857700 | .737855 | -2.892715 | .272367 | -1.776 | 14 | .098 |

**Uji fisik**

1. Tes Normal pH

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | replikasi | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| nilaipH | krima/m | .269 | 6 | .199 | .855 | 6 | .173 |
| krim m/a | .175 | 6 | .200\* | .948 | 6 | .727 |
| a. Lilliefors Significance Correction | | | |  |  |  |  |
| \*. This is a lower bound of the true significance. | | | | |  |  |  |

1. Tes homogen pH

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| nilaipH |  |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| 1.067 | 1 | 10 | .326 |

1. Hasil statistik t-tes

| **Independent Samples Test** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|  |  | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
|  |  | Lower | Upper |
| nilaipH | Equal variances assumed | 1.067 | .326 | -.358 | 10 | .728 | -.03333 | .09307 | -.24071 | .17404 |
| Equal variances not assumed |  |  | -.358 | 7.082 | .731 | -.03333 | .09307 | -.25289 | .18623 |

1. Uji NormalViskositas

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Replikasi | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| Nilaiviskositas | krima/m | .204 | 6 | .200\* | .932 | 6 | .598 |
| krim m/a | .367 | 6 | .011 | .757 | 6 | .023 |
| a. Lilliefors Significance Correction | | | |  |  |  |  |
| \*. This is a lower bound of the true significance. | | | | |  |  |  |

1. Uji homogen

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| Nilaiviskositas | |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| 12.548 | 1 | 10 | .005 |

1. Uji mann withney

| **Test Statisticsb** | |
| --- | --- |
|  | nilaiviskositas |
| Mann-Whitney U | .000 |
| Wilcoxon W | 21.000 |
| Z | -2.882 |
| Asymp. Sig. (2-tailed) | .004 |
| Exact Sig. [2\*(1-tailed Sig.)] | .002a |
| a. Not corrected for ties. | |
| b. Grouping Variable: replikasi | |

Uji Daya Sebar

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Replikasi | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| Nilaidayasebar | krima/m | .268 | 6 | .200\* | .811 | 6 | .074 |
| krim m/a | .229 | 6 | .200\* | .935 | 6 | .617 |
| a. Lilliefors Significance Correction | | | |  |  |  |  |
| \*. This is a lower bound of the true significance. | | | | |  |  |  |

1. Uji homogen

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| Nilaidayasebar | |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| .972 | 1 | 10 | .348 |

1. Uji t-tes

| **Independent Samples Test** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|  |  | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
|  |  | Lower | Upper |
| nilaidayasebar | Equal variances assumed | .972 | .348 | 1.686 | 10 | .123 | .50011 | .29669 | -.16096 | 1.16118 |
| Equal variances not assumed |  |  | 1.686 | 8.260 | .129 | .50011 | .29669 | -.18032 | 1.18054 |

**Daya Lekat**

| **Tests of Normality** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Replikasi | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| Nilaidayalekat | krima/m | .293 | 6 | .117 | .822 | 6 | .091 |
| krim m/a | .229 | 6 | .200\* | .920 | 6 | .508 |
| a. Lilliefors Significance Correction | | | |  |  |  |  |
| \*. This is a lower bound of the true significance. | | | | |  |  |  |

1. Uji homogen

| **Test of Homogeneity of Variances** | | | |
| --- | --- | --- | --- |
| Nilaidayalekat |  |  |  |
| Levene Statistic | df1 | df2 | Sig. |
| 13.624 | 1 | 10 | .004 |

**Lanjutan lampiran 11.**

1. Uji t-tes

| **Independent Samples Test** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|  |  | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
|  |  | Lower | Upper |
| nilaidayalekat | Equal variances assumed | 13.624 | .004 | -7.667 | 10 | .000 | -267.00000 | 34.82464 | -344.59413 | -189.40587 |
| Equal variances not assumed |  |  | -7.667 | 5.001 | .001 | -267.00000 | 34.82464 | -356.51465 | -177.48535 |