

## **BAB V**

### **KESIMPULAN DAN SARAN**

#### **A. Kesimpulan**

Penelitian uji teratogenik jamu brotowali dan temulawak terhadap perkembangan fetus mencit diambil kesimpulan sebagai berikut:

Pertama, jamu brotowali dan temulawak berpotensi menyebabkan efek teratogenik pada perkembangan fetus menggunakan parameter biometrika.

kedua, jamu brotowali dan temulawak berpotensi menyebabkan efek teratogenik pada perkembangan fetus menggunakan parameter gros morfologi.

ketiga, jamu brotowali dan temulawak berpotensi menyebabkan efek teratogenik pada perkembangan fetus menggunakan parameter kelainan skeletal.

Keempat, jamu brotowali dan temulawak berpotensi dapat menyebabkan teratogenik pada dosis lebih dari 1,04 ml

#### **B. Saran**

Pertama, Perlu dilakukan penelitian lebih lanjut untuk melengkapi penelitian yaitu perlu dilakukan pengamatan terhadap organ fetus mencit yang telah dipejani dengan jamu brotowali dan temulawak

Kedua, Perlu dilakukan penelitian lebih lanjut menggunakan ekstrak brotowali dan temulawak dapat menyebabkan teratogenik atau tidak.

Ketiga, perlu tambah variasi dosis pada pengujian teratogenik jamu brotowali dan temulawak

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# LAMPIRAN

## Lampiran 1. *Ethical clearance*

11/18/2019 KEPK-RSDM

 **HEALTH RESEARCH ETHICS COMMITTEE**  
**KOMISI ETIK PENELITIAN KESEHATAN**

**Dr. Moewardi General Hospital**  
**RSUD Dr. Moewardi**

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**ETHICAL CLEARANCE**  
**KELAIKAN ETIK**

**Nomor : 1.241 / XI / HREC / 2019**

The Health Research Ethics Committee Dr. Moewardi  
Komisi Etik Penelitian Kesehatan RSUD Dr. Moewardi

after reviewing the proposal design, herewith to certify  
setelah menilai rancangan penelitian yang diusulkan, dengan ini menyatakan

That the research proposal with topic :  
Bahwa usulan penelitian dengan judul

**UJI TERATOGENIK JAMU BROTOWALI (*Tinospora crispa*) DAN JAMU TEMULAWAK (*Curcuma xanthorrhiza*) TERHADAP FETUS MENCIT PUTIH (*Mus musculus*)**

Principal investigator : Bagas Ardiyantoro  
Peneliti Utama 22164707A

Location of research : Laboratorium Farmakologi Dan Toksikologi Universitas  
Lokasi Tempat Penelitian : Setia Budi

Is ethically approved  
Dinyatakan layak etik

Issued on : 18 November 2019

  
Chairman  
Dr. Wahyar Dwi Atmoko, Sp.F  
RSUD 19770224 201001 1 004

rsmoewardi.com/komisi-etika/kepk/ethicalclearance/22164707A-0943 1/1

**Lampiran 2. Gambar jamu gendong dan cyclophosphamide**

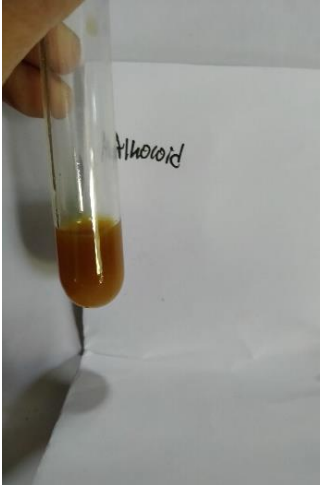
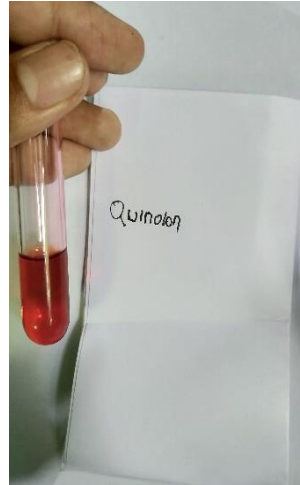
Jamu brotowali dan temulawak



Cyclophosphamide



**Lampiran 3. Hasil identifikasi senyawa**

| Alkaloid                                                                          | Flavonoid                                                                         | Quinolon                                                                            |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |

**Lampiran 4. Sumbat vagina mencit dan mencit bunting**

Sumbatan vagina



Mencit bunting



**Lampiran 5. Pembedahan dan pewarnaan**

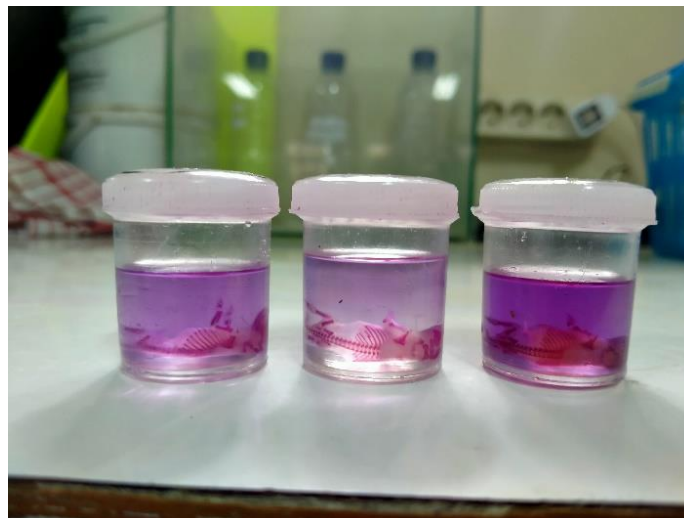
Pembedahan induk mencit

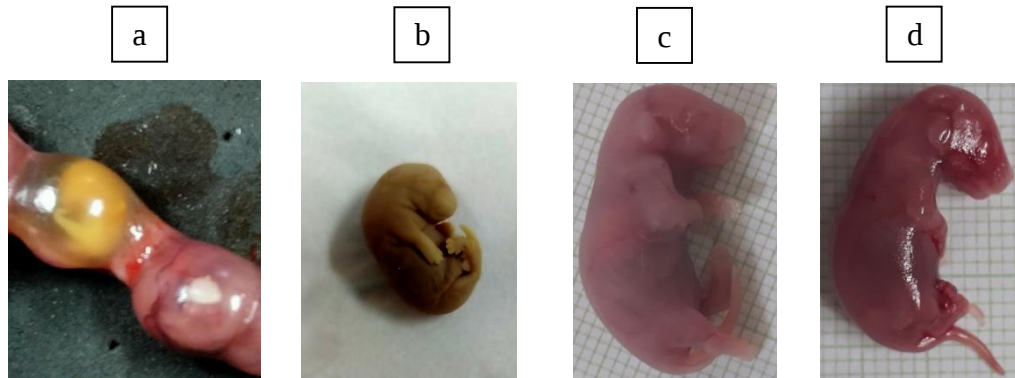


Pembersihan organ dalam dan pemutihan

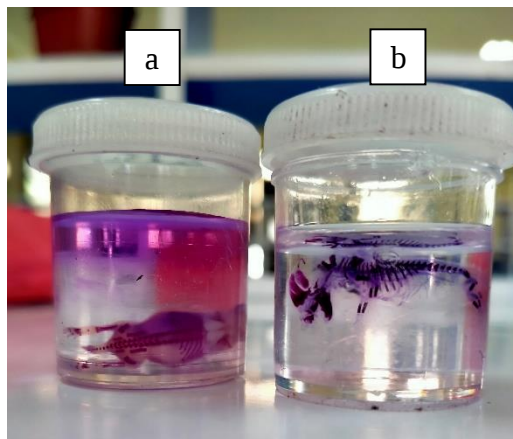


Perendaman dengan gliserin



**Lampiran 6. Perbandingan fetus mencit**

Keterangan : a. Resorpsi      c. Cacat  
                                         b. Kerdil      d. Normal



Keterangan :  
a. Normal  
b. Cacat

### Lampiran 7. Larutan stok dan perhitungan dosis

$$\begin{aligned}\text{Larutan stok Cyclophosphamide } 0,2 \% &= 0,2 \text{ g } / 100 \text{ ml} \\ &= 200 \text{ mg } / 100 \text{ ml} \\ &= 20 \text{ mg } / 10 \text{ ml}\end{aligned}$$

#### Konversi dosis :

1. JBT 100 ml = 100 ml x 0,0026 = 0,26 ml
2. JBT 200 ml = 200 ml x 0,0026 = 0,52 ml
3. JBT 400 ml = 400 ml x 0,0026 = 1,04 ml
4. Cyclophosphamide = 50 mg x 0,0026 = 0,13 mg

#### Keterangan:

JBT : Jamu Brotowali-Temulawak

#### Dosis Uji Teratogenik

##### 1. Dosis oral mencit

##### JBT 0,26 ml

$$\begin{aligned}\text{Induk 1} \rightarrow 27 \text{ g} &= \frac{27}{20} \times 0,26 \text{ ml} \\ &= 0,35 \text{ ml}\end{aligned}$$

$$\begin{aligned}\text{Induk 2} \rightarrow 32 \text{ g} &= \frac{32}{20} \times 0,26 \text{ ml} \\ &= 0,42 \text{ ml}\end{aligned}$$

##### JBT 0,52 ml

$$\begin{aligned}\text{Induk 1} \rightarrow 28 \text{ g} &= \frac{28}{20} \times 0,52 \text{ ml} \\ &= 0,73 \text{ ml}\end{aligned}$$

$$\begin{aligned}\text{Induk 2} \rightarrow 26 \text{ g} &= \frac{26}{20} \times 0,52 \text{ ml} \\ &= 0,68 \text{ ml}\end{aligned}$$

**JBT 1,04 ml**

$$\begin{aligned}\text{Induk 1} \rightarrow 27 \text{ g} &= \frac{27}{20} \times 1,04 \text{ ml} \\ &= 1,40 \text{ ml}\end{aligned}$$

$$\begin{aligned}\text{Induk 2} \rightarrow 28 \text{ g} &= \frac{28}{20} \times 1,04 \text{ ml} \\ &= 1,46 \text{ ml}\end{aligned}$$

**2. Dosis intravena mencit (cyclophosphamide)**

$$\begin{aligned}\text{Induk 1} \rightarrow 31 \text{ g} &= \left( \frac{31}{20} \times 0,13 \text{ mg} \right) \div (20 \text{ mg}/10 \text{ ml}) \\ &= 0,10 \text{ ml}\end{aligned}$$

$$\begin{aligned}\text{Induk 2} \rightarrow 27 \text{ g} &= \left( \frac{27}{20} \times 0,13 \text{ mg} \right) \div (20 \text{ mg}/10 \text{ ml}) \\ &= 0,08 \text{ ml}\end{aligned}$$

## Lampiran 8. Data pengamatan fetus mencit

### a. Pengamatan fetus mencit kontrol pembanding

| Nomer<br>janin | Berat dan panjang janin |              |           |              |             |              |             |              |             |              |            |              |            |              |  |  |
|----------------|-------------------------|--------------|-----------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|------------|--------------|------------|--------------|--|--|
|                | Induk 1                 |              | Induk 2   |              | Induk 3     |              | Induk 4     |              | Induk 5     |              | Induk 6    |              | Induk 7    |              |  |  |
|                | Berat (g)               | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g)   | Panjang (cm) | Berat (g)   | Panjang (cm) | Berat (g)   | Panjang (cm) | Berat (g)  | Panjang (cm) | Berat (g)  | Panjang (cm) |  |  |
| 1              | 0,96                    | 3,1          | 0,87      | 2            | 0,81        | 3,1          | 0,66        | 2,8          | 0,68        | 2,8          | 1,29       | 3,4          | 0,86       | 3,5          |  |  |
| 2              | 0,91                    | 3,08         | 0,85      | 2,9          | 0,6         | 2,2          | 0,62        | 3            | 0,67        | 2,8          | 1,18       | 3,2          | 0,82       | 3,1          |  |  |
| 3              | 0,91                    | 3,01         | 0,91      | 3            | 0,68        | 2,8          | 0,61        | 2,9          | 0,7         | 3            | 1,1        | 3,2          | 0,79       | 3,4          |  |  |
| 4              | 0,98                    | 3,1          | 0,95      | 3            | 0,86        | 2,7          | 0,62        | 2,7          | 0,71        | 3            | 0,93       | 3            | 0,74       | 3,2          |  |  |
| 5              | 0,96                    | 3,1          | 0,93      | 2,8          | 0,96        | 3,1          | 0,68        | 2,8          | 0,79        | 3,1          | 0,99       | 3,1          | 0,83       | 3,2          |  |  |
| 6              | 0,94                    | 3,08         | 0,89      | 2,8          | 0,88        | 2,9          | 0,73        | 3            | 0,25        | 2,9          | 1,18       | 3,2          | 0,82       | 3            |  |  |
| 7              |                         |              |           |              | 0,93        | 2,1          | 0,74        | 7            | 0,74        | 3            | 0,96       | 2,9          | 0,84       | 3,1          |  |  |
| 8              |                         |              |           |              | 0,93        | 3            | 0,68        | 2,7          | 0,68        | 2,7          | 0,98       | 3            | 0,79       | 3            |  |  |
| 9              |                         |              |           |              | 0,77        | 2,8          |             |              |             |              |            |              | 0,8        | 3            |  |  |
| 10             |                         |              |           |              |             |              |             |              |             |              |            |              |            |              |  |  |
| 11             |                         |              |           |              |             |              |             |              |             |              |            |              |            |              |  |  |
| 12             |                         |              |           |              |             |              |             |              |             |              |            |              |            |              |  |  |
| 13             |                         |              |           |              |             |              |             |              |             |              |            |              |            |              |  |  |
| 14             |                         |              |           |              |             |              |             |              |             |              |            |              |            |              |  |  |
| Jumlah         | 5,66                    | 18,47        | 5,4       | 16,5         | 4,79        | 16,8         | 3,92        | 17,2         | 3,8         | 17,6         | 6,67       | 19,1         | 4,86       | 19,4         |  |  |
| rata-rata      | 0,943333333             | 3,078333333  | 0,9       | 2,75         | 0,798333333 | 2,8          | 0,653333333 | 2,866666667  | 0,633333333 | 2,933333333  | 1,11666667 | 3,183333333  | 0,81       | 3,233333333  |  |  |
| SD             | 0,026246693             | 0,031841622  | 0,0341565 | 0,34520525   | 0,12253118  | 0,30550505   | 0,04229526  | 0,11055416   | 0,17575235  | 0,11055416   | 0,12184918 | 0,12133516   | 0,03741657 | 0,16996732   |  |  |

## b. Pengamatan fetus mencit kontrol normal

| Nomor janin | Berat dan panjang janin |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |  |
|-------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|--|--|--|--|
|             | Induk 1                 |              | Induk 2   |              | Induk 3   |              | Induk 4   |              | Induk 5   |              | Induk 6   |              | Induk 7   |              |  |  |  |  |
|             | Berat (g)               | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) |  |  |  |  |
| 1           | 1,56                    | 3,4          | 1,19      | 2,5          | 1,25      | 2,7          | 1,79      | 3,8          | 1,57      | 3,8          | 1,77      | 3,6          | 1,45      | 3,6          |  |  |  |  |
| 2           | 1,74                    | 3,7          | 1,16      | 3            | 1,33      | 2,6          | 1,58      | 3,5          | 1,34      | 3,8          | 1,42      | 3,8          | 1,32      | 3,7          |  |  |  |  |
| 3           | 1,69                    | 3,8          | 1,26      | 3            | 1,17      | 2,8          | 1,6       | 3,7          | 1,34      | 3,8          | 1,49      | 3,5          | 1,37      | 3,5          |  |  |  |  |
| 4           | 1,71                    | 3,7          | 1,25      | 3,5          | 1,22      | 2,6          | 1,58      | 3,8          | 1,42      | 3,6          | 1,43      | 3,7          | 1,49      | 3,2          |  |  |  |  |
| 5           | 1,4                     | 3,8          | 1,13      | 3,5          | 1,19      | 2,8          | 1,54      | 3,9          | 1,45      | 3,7          | 1,55      | 3,8          | 1,51      | 3,6          |  |  |  |  |
| 6           | 1,53                    | 3,5          | 1,16      | 3,4          | 1,19      | 3,2          | 1,77      | 3,7          |           |              | 1,65      | 3,5          | 1,47      | 3,7          |  |  |  |  |
| 7           | 1,80                    | 3,7          | 1,17      | 2,7          | 1,12      | 3            | 1,56      | 3,5          |           |              | 1,7       | 3,9          |           |              |  |  |  |  |
| 8           | 1,5                     | 3,9          | 1,13      | 3            | 1,04      | 3,2          | 1,66      | 3,7          |           |              | 1,71      | 3,7          |           |              |  |  |  |  |
| 9           | 1,68                    | 3,9          | 1,27      | 3,1          | 1,35      | 3,2          | 1,53      | 3,6          |           |              |           |              |           |              |  |  |  |  |
| 10          |                         |              | 1,2       | 3,5          | 1,22      | 3,3          | 1,59      | 3,7          |           |              |           |              |           |              |  |  |  |  |
| 11          |                         |              | 1,31      | 3,2          | 1,16      | 3,2          |           |              |           |              |           |              |           |              |  |  |  |  |
| 12          |                         |              |           |              | 1,34      | 2,2          |           |              |           |              |           |              |           |              |  |  |  |  |
| 13          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |  |
| 14          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |  |
| Jumlah      | 9,63                    | 21,9         | 7,15      | 18,9         | 7,35      | 16,7         | 9,86      | 22,4         | 7,12      | 18,7         | 9,31      | 21,9         | 8,61      | 21,3         |  |  |  |  |
| rata-rata   | 1,605                   | 3,65         | 1,1916667 | 3,15         | 1,225     | 2,7833333    | 1,6433333 | 3,7333333    | 1,424     | 3,74         | 1,5516667 | 3,65         | 1,435     | 3,55         |  |  |  |  |
| SD          | 0,1198263               | 0,15         | 0,0481029 | 0,3593976    | 0,0534634 | 0,2034426    | 0,0984322 | 0,1247219    | 0,0849941 | 0,08         | 0,1246885 | 0,1258306    | 0,0677618 | 0,1707825    |  |  |  |  |

## c. Pengamatan fetus mencit JBT 0,26 ml

| Nomor janin | Berat dan panjang janin |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
|-------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|--|--|--|
|             | Induk 1                 |              | Induk 2   |              | Induk 3   |              | Induk 4   |              | Induk 5   |              | Induk 6   |              | Induk 7   |              |  |  |  |
|             | Berat (g)               | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) |  |  |  |
| 1           | 1                       | 2,09         | 1,34      | 3,2          | 0,77      | 2,8          | 1,44      | 3,06         | 0,59      | 3            | 0,65      | 2,2          | 1,36      | 3,2          |  |  |  |
| 2           | 1,01                    | 3            | 1,11      | 3            | 0,76      | 2,7          | 1,29      | 3,3          | 0,69      | 2,8          | 0,72      | 2,7          | 1,49      | 2,6          |  |  |  |
| 3           | 1,09                    | 3,1          | 1,3       | 3            | 0,78      | 2,2          | 1,48      | 3,9          | 0,64      | 3,1          | 0,75      | 2,8          | 1,34      | 3,6          |  |  |  |
| 4           | 1,1                     | 3            | 1,17      | 3,1          | 0,72      | 2,7          | 1,43      | 3,2          | 0,63      | 2,2          | 0,75      | 2,8          | 0,99      | 2,4          |  |  |  |
| 5           | 1,14                    | 3,32         | 1,26      | 2,9          | 0,21      | 2,6          | 1,44      | 3,5          | 0,67      | 2,4          | 0,75      | 2,5          | 1,46      | 3,5          |  |  |  |
| 6           | 0,98                    | 2,8          | 1,21      | 3            | 0,73      | 2,8          | 1,4       | 3            | 0,63      | 2,8          | 0,79      | 2,9          | 1,45      | 3,6          |  |  |  |
| 7           | 0,97                    | 2,9          | 1,32      | 3,4          | 0,79      | 3            | 1,32      | 3,4          | 0,59      | 2,5          | 0,76      | 2,7          | 1,45      | 3,2          |  |  |  |
| 8           | 1                       | 3,1          | 1,3       | 3,4          | 0,8       | 3,1          | 1,29      | 3            | 0,6       | 2,8          | 0,76      | 2,6          | 1,48      | 3,2          |  |  |  |
| 9           | 1,12                    | 3,3          | 1,32      | 3,6          | 0,75      | 2,9          | 1,46      | 3,2          | 0,64      | 2,9          | 0,62      | 2,5          | 1,44      | 4            |  |  |  |
| 10          | 1,14                    | 3,2          | 0,04      | 3            |           |              | 1,32      | 3,4          | 0,69      | 3            | 0,69      | 2,8          | 1,46      | 3,5          |  |  |  |
| 11          | 1,07                    | 3            | 1,21      | 3            |           |              |           |              | 0,72      | 3,1          | 0,75      | 2,8          |           |              |  |  |  |
| 12          | 1,1                     | 3,3          |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| 13          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| 14          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| Jumlah      | 6,32                    | 17,31        | 7,39      | 18,2         | 3,97      | 15,8         | 8,48      | 19,96        | 3,85      | 16,3         | 4,41      | 15,9         | 8,09      | 18,9         |  |  |  |
| rata-rata   | 1,0533333               | 2,885        | 1,2316667 | 3,0333333    | 0,6616667 | 2,6333333    | 1,4133333 | 3,3266667    | 0,6416667 | 2,7166667    | 0,735     | 2,65         | 1,3483333 | 3,15         |  |  |  |
| SD          | 0,0593483               | 0,3875457    | 0,0777639 | 0,0942809    | 0,2030941 | 0,2054805    | 0,0599073 | 0,3036811    | 0,0318416 | 0,3184162    | 0,0431084 | 0,2362908    | 0,1690578 | 0,4821825    |  |  |  |

## d. Pengamatan fetus mencit JBT 0,52 ml

| Nomor janin | Berat dan panjang janin |              |           |              |           |              |           |              |           |              |           |              |           |           | Induk 7 | Panjang (cm) |
|-------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|-----------|---------|--------------|
|             | Induk 1                 |              | Induk 2   |              | Induk 3   |              | Induk 4   |              | Induk 5   |              | Induk 6   |              |           |           |         |              |
|             | Berat (g)               | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) |           |           |         |              |
| 1           | 1,5                     | 3,2          | 1,2       | 2,2          | 1,78      | 3,5          | 0,99      | 2,4          | 1,43      | 3,2          | 1,36      | 3,5          | 0,67      | 2,9       |         |              |
| 2           | 1,16                    | 2,2          | 1,18      | 2,4          | 1,39      | 3,5          | 1,43      | 3,6          | 1,36      | 3,2          | 1,39      | 4            | 0,64      | 2,8       |         |              |
| 3           | 0,99                    | 2,1          | 1,23      | 2,4          | 1,22      | 3,3          | 1,64      | 3,2          | 1,44      | 4            | 1,46      | 3,2          | 0,66      | 2,9       |         |              |
| 4           | 1,7                     | 2,4          | 1,31      | 3            | 1,29      | 3,4          | 1,45      | 3,2          | 1,43      | 3,9          | 1,3       | 4            | 0,67      | 3         |         |              |
| 5           | 1,14                    | 2,3          | 0,98      | 2,8          | 1,29      | 3,2          | 1,34      | 2,6          | 1,46      | 3,2          | 1,39      | 3,5          | 0,7       | 3         |         |              |
| 6           | 1,22                    | 3,4          | 1,17      | 3,1          | 1,41      | 3,6          | 1,48      | 3,2          | 1,38      | 3,7          | 1,4       | 3,6          | 0,66      | 2,8       |         |              |
| 7           | 1,12                    | 2,7          | 1,26      | 3,3          |           |              | 1,44      | 4            | 1,44      | 3,5          | 1,29      | 3            | 0,8       | 3         |         |              |
| 8           |                         |              | 1,34      | 3,3          |           |              |           |              | 1,32      | 3,4          |           |              | 0,74      | 3         |         |              |
| 9           |                         |              |           |              |           |              |           |              | 1,39      | 3,5          |           |              |           |           |         |              |
| 10          |                         |              |           |              |           |              |           |              | 1,4       | 3            |           |              |           |           |         |              |
| 11          |                         |              |           |              |           |              |           |              |           |              |           |              |           |           |         |              |
| 12          |                         |              |           |              |           |              |           |              |           |              |           |              |           |           |         |              |
| 13          |                         |              |           |              |           |              |           |              |           |              |           |              |           |           |         |              |
| 14          |                         |              |           |              |           |              |           |              |           |              |           |              |           |           |         |              |
| Jumlah      | 7,71                    | 15,6         | 7,07      | 15,9         | 8,38      | 20,5         | 8,33      | 18,2         | 8,5       | 21,2         | 8,3       | 21,8         | 4         | 17,4      |         |              |
| rata-rata   | 1,285                   | 2,6          | 1,178333  | 2,65         | 1,3966667 | 3,4166667    | 1,3883333 | 3,0333333    | 1,4166667 | 3,5333333    | 1,3833333 | 3,6333333    | 0,6666667 | 2,9       |         |              |
| SD          | 0,2402603               | 0,5066228    | 0,0999027 | 0,3354102    | 0,1830907 | 0,134371     | 0,1992834 | 0,4068852    | 0,0349603 | 0,3448027    | 0,0478423 | 0,2867442    | 0,0179505 | 0,0816497 |         |              |

## e. Pengamatan fetus mencit JBT 1,04 ml

| Nomor janin | Berat dan panjang janin |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
|-------------|-------------------------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|--|--|--|
|             | Induk 1                 |              | Induk 2   |              | Induk 3   |              | Induk 4   |              | Induk 5   |              | Induk 6   |              | Induk 7   |              |  |  |  |
|             | Berat (g)               | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) | Berat (g) | Panjang (cm) |  |  |  |
| 1           | 1,58                    | 3,7          | 1,54      | 3,8          | 1,58      | 3,8          | 0,67      | 3            | 1,48      | 3,2          | 1,48      | 3,2          | 1,55      | 3,7          |  |  |  |
| 2           | 1,55                    | 3,5          | 1,55      | 3,7          | 1,55      | 3,8          | 0,67      | 2,9          | 1,47      | 3            | 1,47      | 3            | 1,58      | 4            |  |  |  |
| 3           | 1,59                    | 3            | 1,57      | 3,5          | 1,56      | 3,8          | 0,64      | 2,8          | 1,47      | 3,2          | 1,47      | 3,2          | 1,5       | 4,1          |  |  |  |
| 4           | 1,55                    | 3,9          | 1,58      | 3,8          | 1,57      | 3,6          | 0,63      | 2,5          | 1,44      | 3,2          | 1,44      | 3,2          | 1,52      | 4,2          |  |  |  |
| 5           | 1,56                    | 3,5          | 1,55      | 3,8          | 1,58      | 3,8          | 0,66      | 2,9          | 1,43      | 3,3          | 1,43      | 3,3          | 1,7       | 3,5          |  |  |  |
| 6           |                         |              | 1,56      | 3,8          | 1,55      | 3,8          | 0,67      | 3            | 1,46      | 3,5          | 1,46      | 3,5          |           |              |  |  |  |
| 7           |                         |              | 1,57      | 3,6          |           |              | 0,65      | 2,9          | 1,47      | 3,4          | 1,47      | 3,4          |           |              |  |  |  |
| 8           |                         |              |           |              |           |              | 0,63      | 2,7          | 1,45      | 3,30         | 1,45      | 3,30         |           |              |  |  |  |
| 9           |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| 10          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| 11          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| 12          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| 13          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| 14          |                         |              |           |              |           |              |           |              |           |              |           |              |           |              |  |  |  |
| Jumlah      | 7,83                    | 17,6         | 9,35      | 22,4         | 9,39      | 22,6         | 3,94      | 17,1         | 8,75      | 19,4         | 8,75      | 19,4         | 7,85      | 19,5         |  |  |  |
| rata-rata   | 1,566                   | 3,52         | 1,5583333 | 3,7333333    | 1,565     | 3,7666667    | 0,6566667 | 2,85         | 1,4583333 | 3,2333333    | 1,4583333 | 3,2333333    | 1,57      | 3,9          |  |  |  |
| SD          | 0,0162481               | 0,2993326    | 0,0134371 | 0,1105542    | 0,0125831 | 0,0745356    | 0,0159861 | 0,1707825    | 0,0177169 | 0,1490712    | 0,0177169 | 0,1490712    | 0,0704273 | 0,2607681    |  |  |  |

## f. Pengamatan fetus mencit kontrol pembanding

| kelompok      | Induk            | Perlakuan | Jumlah fetus hidup (ekor) | Jumlah fetus mati (ekor) | Resorpsi (ekor) | Angka cacat (ekor) | Kelengkap an organ (ekor) | Kerapuhan tulang (ekor) | persen kematian | persen kehidupan | persen Resorpsi (ekor) | persen Angka cacat | persen Kelengkap an organ | persen kerapuhan tulang |
|---------------|------------------|-----------|---------------------------|--------------------------|-----------------|--------------------|---------------------------|-------------------------|-----------------|------------------|------------------------|--------------------|---------------------------|-------------------------|
| Cyklofosfamid | 1                | 1         | 12                        | 8                        | 4               | 6                  | 4                         | 5                       | 33,33333        | 66,66667         | 50                     | 33,33333           | 41,66667                  | 41,66667                |
|               | 2                | 1         | 12                        | 8                        | 4               | 5                  | 4                         | 5                       | 33,33333        | 66,66667         | 41,66667               | 33,33333           | 41,66667                  | 33,33333                |
|               | 3                | 1         | 13                        | 9                        | 4               | 5                  | 5                         | 4                       | 30,76923        | 69,23077         | 38,46154               | 38,46154           | 46,15385                  | 30,76923                |
|               | 4                | 1         | 12                        | 7                        | 5               | 7                  | 4                         | 5                       | 41,66667        | 58,33333         | 58,33333               | 33,33333           | 41,66667                  | 50                      |
|               | 5                | 1         | 12                        | 7                        | 5               | 6                  | 3                         | 4                       | 41,66667        | 58,33333         | 50                     | 25                 | 33,33333                  | 50                      |
|               | 6                | 1         | 13                        | 9                        | 4               | 5                  | 4                         | 4                       | 30,76923        | 69,23077         | 38,46154               | 30,76923           | 30,76923                  | 38,46154                |
|               | 7                | 1         | 13                        | 9                        | 4               | 5                  | 5                         | 5                       | 30,76923        | 69,23077         | 38,46154               | 38,46154           | 38,46154                  | 38,46154                |
|               | <b>Jumlah</b>    |           | 87                        | 57                       | 30              | 39                 | 29                        | 34                      | 242,3077        | 457,6923         | 315,3846               | 232,6923           | 273,7179                  | 282,6923                |
|               | <b>rata-rata</b> |           | 12,42857                  | 8,142857                 | 4,285714        | 5,571429           | 4,142857                  | 4,857143                | 34,61538        | 65,38462         | 45,05495               | 33,24176           | 39,10256                  | 40,38462                |
|               | <b>SD</b>        |           | 0,494872                  | 0,832993                 | 0,451754        | 0,728431           | 0,638877                  | 0,638877                | 4,584246        | 4,584246         | 7,241963               | 4,285479           | 4,965363                  | 6,929518                |

**g. Pengamatan fetus mencit kontrol normal**

| kelompok      | Induk            | Pelakuan | Jumlah fetus hidup (ekor) | Jumlah fetus mati (ekor) | Resorpsi (ekor) | Angka cacat (ekor) | Kelengkap an organ (ekor) | Kerapuhan tulang (ekor) | persen kematian | persen kehidupan | persen Resorpsi (ekor) | persen Angka cacat | persen Kelengkap an organ | persen kerapuhan tulang |
|---------------|------------------|----------|---------------------------|--------------------------|-----------------|--------------------|---------------------------|-------------------------|-----------------|------------------|------------------------|--------------------|---------------------------|-------------------------|
| Kontrol sehat | 1                | 2        | 10                        | 9                        | 1               | 2                  | 1                         | 1                       | 10              | 90               | 20                     | 10                 | 10                        | 10                      |
|               | 2                | 2        | 9                         | 8                        | 1               | 2                  | 1                         | 2                       | 11,1111         | 88,8889          | 22,2222                | 11,1111            | 22,2222                   | 22,2222                 |
|               | 3                | 2        | 9                         | 9                        | 0               | 0                  | 0                         | 0                       | 0               | 100              | 0                      | 0                  | 0                         | 0                       |
|               | 4                | 2        | 10                        | 9                        | 1               | 1                  | 1                         | 1                       | 10              | 90               | 10                     | 10                 | 10                        | 10                      |
|               | 5                | 2        | 10                        | 10                       | 0               | 1                  | 0                         | 1                       | 0               | 100              | 10                     | 0                  | 10                        | 0                       |
|               | 6                | 2        | 12                        | 11                       | 1               | 1                  | 1                         | 1                       | 8,333333        | 91,6667          | 8,33333                | 8,33333            | 8,33333                   | 8,33333                 |
|               | 7                | 2        | 7                         | 6                        | 1               | 2                  | 1                         | 2                       | 14,28571        | 85,71429         | 28,57143               | 14,28571           | 28,57143                  | 28,57143                |
|               | <b>Jumlah</b>    |          | 67                        | 62                       | 5               | 9                  | 5                         | 8                       | 53,73016        | 646,2698         | 99,12698               | 53,73016           | 89,12698                  | 79,12698                |
|               | <b>rata-rata</b> |          | 9,571429                  | 8,857143                 | 0,714286        | 1,285714           | 0,714286                  | 1,142857                | 7,675737        | 92,32426         | 14,161                 | 7,675737           | 12,73243                  | 11,30385                |
|               | <b>SD</b>        |          | 1,399708                  | 1,456863                 | 0,451754        | 0,699854           | 0,451754                  | 0,638877                | 5,134815        | 5,134815         | 9,070054               | 5,134815           | 8,822013                  | 9,893419                |

### h. Pengamatan fetus mencit JBT 0,26 ml

| kelompok   | Induk            | Perlakuan | Jumlah fetus (ekor) | Jumlah fetus hidup (ekor) | Jumlah fetus mati (ekor) | Resorpsi (ekor) | Angka cacat (ekor) | Kelengkapan organ (ekor) | Kerapuhan tulang (ekor) | persen kematian | persen kehidupan | persen Resorpsi (ekor) | persen Angka cacat | persen Kelengkapan organ | persen kerapuhan tulang |
|------------|------------------|-----------|---------------------|---------------------------|--------------------------|-----------------|--------------------|--------------------------|-------------------------|-----------------|------------------|------------------------|--------------------|--------------------------|-------------------------|
| JM 0,26 ml | 1                | 3         | 11                  | 9                         | 2                        | 3               | 2                  | 2                        | 2                       | 18,18182        | 81,81818         | 27,27273               | 18,18182           | 18,18182                 | 18,18182                |
|            | 2                | 3         | 12                  | 10                        | 2                        | 3               | 2                  | 3                        | 3                       | 16,66667        | 83,33333         | 25                     | 16,66667           | 25                       | 25                      |
|            | 3                | 3         | 11                  | 9                         | 2                        | 3               | 2                  | 2                        | 2                       | 18,18182        | 81,81818         | 27,27273               | 18,18182           | 18,18182                 | 18,18182                |
|            | 4                | 3         | 13                  | 11                        | 2                        | 3               | 2                  | 2                        | 2                       | 15,38462        | 84,61538         | 23,07692               | 15,38462           | 15,38462                 | 15,38462                |
|            | 5                | 3         | 12                  | 10                        | 2                        | 3               | 2                  | 2                        | 2                       | 16,66667        | 83,33333         | 25                     | 16,66667           | 16,66667                 | 16,66667                |
|            | 6                | 3         | 12                  | 10                        | 2                        | 3               | 2                  | 2                        | 2                       | 16,66667        | 83,33333         | 25                     | 16,66667           | 16,66667                 | 16,66667                |
|            | 7                | 3         | 14                  | 12                        | 2                        | 2               | 1                  | 2                        | 2                       | 14,28571        | 85,71429         | 14,28571               | 7,142857           | 14,28571                 | 14,28571                |
|            | <b>Jumlah</b>    |           | 85                  | 71                        | 14                       | 20              | 13                 | 15                       | 15                      | 116,034         | 583,966          | 166,9081               | 108,8911           | 124,3673                 | 124,3673                |
|            | <b>rata-rata</b> |           | 12,14286            | 10,14286                  | 2                        | 2,857143        | 1,857143           | 2,142857                 | 2,142857                | 16,57628        | 83,42372         | 23,84401               | 15,55587           | 17,76676                 | 17,76676                |
|            | <b>SD</b>        |           | 0,989743            | 0,989743                  | 0                        | 0,349927        | 0,349927           | 0,349927                 | 0,349927                | 1,300921        | 1,300921         | 4,13125                | 3,551678           | 3,226608                 | 3,226608                |

**i. Pengamatan fetus mencit JBT 0,52 ml**

| kelompok    | Induk            | Perlakuan | Jumlah fetus (ekor) | Jumlah fetus hidup (ekor) | Jumlah fetus mati (ekor) | Resorpsi (ekor) | Angka cacat (ekor) | Kelengkapan organ (ekor) | Kerapuhan tulang (ekor) | persen kematian | persen kehidupan | persen Resorpsi (ekor) | persen Angka cacat | persen Kelengkapan organ | persen kerapuhan tulang |
|-------------|------------------|-----------|---------------------|---------------------------|--------------------------|-----------------|--------------------|--------------------------|-------------------------|-----------------|------------------|------------------------|--------------------|--------------------------|-------------------------|
| JTB 0,52 ml | 1                | 4         | 10                  | 8                         | 2                        | 3               | 2                  | 3                        | 3                       | 20              | 80               | 30                     | 20                 | 30                       | 30                      |
|             | 2                | 4         | 12                  | 9                         | 3                        | 4               | 3                  | 3                        | 3                       | 25              | 75               | 33,33333               | 25                 | 25                       | 25                      |
|             | 3                | 4         | 11                  | 8                         | 3                        | 4               | 3                  | 3                        | 3                       | 27,27273        | 72,72727         | 36,36364               | 27,27273           | 27,27273                 | 27,27273                |
|             | 4                | 4         | 11                  | 8                         | 3                        | 4               | 3                  | 3                        | 3                       | 27,27273        | 72,72727         | 36,36364               | 27,27273           | 27,27273                 | 27,27273                |
|             | 5                | 4         | 10                  | 8                         | 2                        | 3               | 2                  | 3                        | 3                       | 20              | 80               | 30                     | 20                 | 30                       | 30                      |
|             | 6                | 4         | 13                  | 10                        | 3                        | 4               | 3                  | 3                        | 3                       | 23,07692        | 76,92308         | 30,76923               | 23,07692           | 23,07692                 | 23,07692                |
|             | 7                | 4         | 9                   | 7                         | 2                        | 3               | 2                  | 3                        | 3                       | 22,22222        | 77,77778         | 33,33333               | 22,22222           | 33,33333                 | 33,33333                |
|             | <b>Jumlah</b>    |           | 76                  | 58                        | 18                       | 25              | 18                 | 21                       | 21                      | 164,8446        | 535,1554         | 230,1632               | 164,8446           | 195,9557                 | 195,9557                |
|             | <b>rata-rata</b> |           | 10,85714            | 8,285714                  | 2,571429                 | 3,571429        | 2,571429           | 3                        | 3                       | 23,54923        | 76,45077         | 32,88045               | 23,54923           | 27,99367                 | 27,99367                |
|             | <b>SD</b>        |           | 1,2454              | 0,880631                  | 0,494872                 | 0,494872        | 0,494872           | 0                        | 0                       | 2,853862        | 2,853862         | 2,555851               | 2,853862           | 3,178919                 | 3,178919                |

## j. Pengamatan fetus mencit JBT 1,04 ml

| kelompok    | Induk            | Perlakuan | Jumlah fetus (ekor) | Jumlah fetus hidup (ekor) | Jumlah fetus mati (ekor) | Resorpsi (ekor) | Angka cacat (ekor) | Kelengkapan organ (ekor) | Kerapuhan tulang (ekor) | persen kematian | persen kehidupan | persen Resorpsi (ekor) | persen Angka cacat | persen Kelengkapan organ | persen kerapuhan tulang |
|-------------|------------------|-----------|---------------------|---------------------------|--------------------------|-----------------|--------------------|--------------------------|-------------------------|-----------------|------------------|------------------------|--------------------|--------------------------|-------------------------|
| JTB 1,04 ml | 1                | 5         | 11                  | 8                         | 3                        | 4               | 3                  | 4                        | 4                       | 27,27273        | 72,72727         | 36,36364               | 27,27273           | 36,36364                 | 36,36364                |
|             | 2                | 5         | 9                   | 6                         | 3                        | 5               | 4                  | 4                        | 4                       | 33,33333        | 66,66667         | 55,55556               | 44,44444           | 44,44444                 | 44,44444                |
|             | 3                | 5         | 12                  | 9                         | 3                        | 4               | 4                  | 4                        | 4                       | 25              | 75               | 33,33333               | 33,33333           | 33,33333                 | 33,33333                |
|             | 4                | 5         | 11                  | 8                         | 3                        | 4               | 3                  | 4                        | 4                       | 27,27273        | 72,72727         | 36,36364               | 27,27273           | 36,36364                 | 36,36364                |
|             | 5                | 5         | 10                  | 7                         | 3                        | 4               | 4                  | 4                        | 4                       | 30              | 70               | 40                     | 40                 | 40                       | 40                      |
|             | 6                | 5         | 8                   | 5                         | 3                        | 4               | 3                  | 3                        | 3                       | 37,5            | 62,5             | 50                     | 37,5               | 37,5                     | 37,5                    |
|             | 7                | 5         | 10                  | 7                         | 3                        | 4               | 3                  | 4                        | 4                       | 30              | 70               | 40                     | 30                 | 40                       | 40                      |
|             | <b>Jumlah</b>    |           | 71                  | 50                        | 21                       | 29              | 24                 | 27                       | 27                      | 210,3788        | 489,6212         | 291,6162               | 239,8232           | 268,0051                 | 268,0051                |
|             | <b>rata-rata</b> |           | 10,14286            | 7,142857                  | 3                        | 4,142857        | 3,428571           | 3,857143                 | 3,857143                | 30,05411        | 69,94589         | 41,65945               | 34,26046           | 38,28644                 | 38,28644                |
|             | <b>SD</b>        |           | 1,2454              | 1,2454                    | 0                        | 0,349927        | 0,494872           | 0,349927                 | 0,349927                | 3,913651        | 3,913651         | 7,498472               | 6,139083           | 3,302374                 | 3,302374                |

## Lampiran 9. Uji Statistik teratogenic

### 1. BERAT DAN PANJANG

#### NPar Tests

One-Sample Kolmogorov-Smirnov Test

|                                  |                | Berat  | Panjang  |
|----------------------------------|----------------|--------|----------|
| N                                |                | 291    | 291      |
| Normal Parameters <sup>a,b</sup> | Mean           | 1.1555 | 3.8916   |
|                                  | Std. Deviation | .36029 | 12.07513 |
| Most Extreme Differences         | Absolute       | .116   | .483     |
|                                  | Positive       | .092   | .483     |
|                                  | Negative       | -.116  | -.438    |
| Kolmogorov-Smirnov Z             |                | 1.184  | 1.238    |
| Asymp. Sig. (2-tailed)           |                | .090   | .073     |

a. Test distribution is Normal.

b. Calculated from data.

ONEWAY berat\_badan panjang\_badan BY perlakuan

/STATISTICS DESCRIPTIVES HOMOGENEITY

/MISSING ANALYSIS

/POSTHOC=TUKEY ALPHA(0.05)

**Test of Homogeneity of Variances**

|         | Levene Statistic | df1 | df2 | Sig. |
|---------|------------------|-----|-----|------|
| Berat   | 7.480            | 4   | 286 | .000 |
| Panjang | 2.658            | 4   | 286 | .033 |

**ANOVA**

|         |                | Sum of Squares | df  | Mean Square | F      | Sig. |
|---------|----------------|----------------|-----|-------------|--------|------|
| Berat   | Between Groups | 14.030         | 4   | 3.508       | 42.481 | .000 |
|         | Within Groups  | 23.614         | 286 | .083        |        |      |
|         | Total          | 37.644         | 290 |             |        |      |
| Panjang | Between Groups | 362.849        | 4   | 90.712      | .619   | .649 |
|         | Within Groups  | 41921.719      | 286 | 146.579     |        |      |
|         | Total          | 42284.568      | 290 |             |        |      |

**Post Hoc Tests****Multiple Comparisons**

Tukey HSD

| Dependent Variable | (I) perlakuan    | (J) perlakuan    | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval |             |
|--------------------|------------------|------------------|-----------------------|------------|------|-------------------------|-------------|
|                    |                  |                  |                       |            |      | Lower Bound             | Upper Bound |
| berat_badan        | cyclophospa mide | kontrol normal   | -.58081*              | .14638     | .004 | -1.0063                 | -.1553      |
|                    |                  | jm 0,26          | -.17050               | .14064     | .744 | -.5793                  | .2383       |
|                    |                  | jm 0,52          | -.50700*              | .14064     | .009 | -.9158                  | -.0982      |
|                    |                  | jm 1,04          | -.44457*              | .14064     | .028 | -.8534                  | -.0358      |
|                    | kontrol normal   | cyclophospa mide | .58081*               | .14638     | .004 | .1553                   | 1.0063      |

|               |                     |                     |         |        |       |        |       |
|---------------|---------------------|---------------------|---------|--------|-------|--------|-------|
| panjang_badan | cyclophospa<br>mide | jm 0,26             | .41031  | .14638 | .063  | -.0152 | .8358 |
|               |                     | jm 0,52             | .07381  | .14638 | .986  | -.3517 | .4993 |
|               |                     | jm 1,04             | .13624  | .14638 | .883  | -.2893 | .5617 |
|               |                     | cyclophospa<br>mide | .17050  | .14064 | .744  | -.2383 | .5793 |
|               |                     | jm 0,26             | -.41031 | .14638 | .063  | -.8358 | .0152 |
|               |                     | jm 0,52             | -.33650 | .14064 | .146  | -.7453 | .0723 |
|               |                     | jm 1,04             | -.27407 | .14064 | .316  | -.6829 | .1347 |
|               |                     | Cyclophospa<br>mide | .50700* | .14064 | .009  | .0982  | .9158 |
|               |                     | jm 0,52             | -.07381 | .14638 | .986  | -.4993 | .3517 |
|               |                     | jm 0,26             | .33650  | .14064 | .146  | -.0723 | .7453 |
|               |                     | jm 1,04             | .06243  | .14064 | .992  | -.3464 | .4712 |
|               |                     | Cyclophospa<br>mide | .44457* | .14064 | .028  | .0358  | .8534 |
|               | jm 1,04             | kontrol<br>normal   | -.13624 | .14638 | .883  | -.5617 | .2893 |
|               |                     | jm 0,26             | .27407  | .14064 | .316  | -.1347 | .6829 |
|               |                     | jm 0,52             | -.06243 | .14064 | .992  | -.4712 | .3464 |
|               |                     | kontrol<br>normal   | -.45640 | .18207 | .117  | -.9856 | .0728 |
|               |                     | jm 0,26             | .00986  | .17493 | 1.000 | -.4986 | .5183 |
|               |                     | jm 0,52             | -.22371 | .17493 | .706  | -.7322 | .2848 |
|               |                     | jm 1,04             | -.35071 | .17493 | .289  | -.8592 | .1578 |

|                   |                     |                     |         |        |       |        |       |
|-------------------|---------------------|---------------------|---------|--------|-------|--------|-------|
|                   |                     | cyclophospa<br>mide | .45640  | .18207 | .117  | -.0728 | .9856 |
| kontrol<br>normal | jm 0,26             |                     | .46626  | .18207 | .105  | -.0630 | .9955 |
|                   | jm 0,52             |                     | .23269  | .18207 | .706  | -.2966 | .7619 |
|                   | jm 1,04             |                     | .10569  | .18207 | .977  | -.4236 | .6349 |
| jm 0,26           | cyclophospa<br>mide |                     | -.00986 | .17493 | 1.000 | -.5183 | .4986 |
|                   | kontol<br>normal    |                     | -.46626 | .18207 | .105  | -.9955 | .0630 |
|                   | jm 0,52             |                     | -.23357 | .17493 | .672  | -.7420 | .2749 |
| jm 0,52           | jm 1,04             |                     | -.36057 | .17493 | .264  | -.8690 | .1479 |
|                   | cyclophospa<br>mide |                     | .22371  | .17493 | .706  | -.2848 | .7322 |
|                   | kontol<br>normal    |                     | -.23269 | .18207 | .706  | -.7619 | .2966 |
| jm 1,04           | jm 0,26             |                     | .23357  | .17493 | .672  | -.2749 | .7420 |
|                   | jm 1,04             |                     | -.12700 | .17493 | .949  | -.6355 | .3815 |
|                   | cyclophospa<br>mide |                     | .35071  | .17493 | .289  | -.1578 | .8592 |
| jm 0,26           | kontol<br>normal    |                     | -.10569 | .18207 | .977  | -.6349 | .4236 |
|                   | jm 0,26             |                     | .36057  | .17493 | .264  | -.1479 | .8690 |
|                   | jm 0,52             |                     | .12700  | .17493 | .949  | -.3815 | .6355 |

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

### A. Berat\_Badan

Tukey HSD<sup>a,b</sup>

| perlakuan        | N | Subset for alpha = 0.05 |        |
|------------------|---|-------------------------|--------|
|                  |   | 1                       | 2      |
| cyclophosphamide | 7 | .8349                   |        |
| jm 0,26          | 7 | 1.0054                  | 1.0054 |
| jm 1,04          | 7 |                         | 1.2794 |
| jm 0,52          | 7 |                         | 1.3419 |
| kontrol normal   | 6 |                         | 1.4157 |
| Sig.             |   | .755                    | .054   |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.774.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

## B. Panjang Badan

Tukey HSD<sup>a,b</sup>

| perlakuan       | N | Subset for alpha<br>= 0.05 |
|-----------------|---|----------------------------|
|                 |   | 1                          |
| jm 0,26         | 7 | 2.9866                     |
| cyclophospamide | 7 | 2.9964                     |
| jm 0,52         | 7 | 3.2201                     |
| jm 1,04         | 7 | 3.3471                     |
| kontrol normal  | 6 | 3.4528                     |
| Sig.            |   | .092                       |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.774.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

## 2. JUMLAH FETUS MATI, RESOBSI, ANGKA CACAT, KELENGKAPAN ORGAN, DAN KERAPUHAN TULANG

### NPar Tests

#### One-Sample Kolmogorov-Smirnov Test

|                                  |                | Jumlah fetus (ekor) | Jumlah fetus hidup (ekor) | Jumlah fetus mati (ekor) | Resorpsi (ekor) | Angka cacat (ekor) | Kelengkapan organ (ekor) | Kerapuhan tulang (ekor) |
|----------------------------------|----------------|---------------------|---------------------------|--------------------------|-----------------|--------------------|--------------------------|-------------------------|
| N                                |                | 35                  | 35                        | 35                       | 35              | 35                 | 34                       | 35                      |
| Normal Parameters <sup>a,b</sup> | Mean           | 8.3143              | 8.2571                    | .3143                    | .9143           | .7143              | .3235                    | .8571                   |
|                                  | Std. Deviation | 2.01131             | 2.01965                   | .63113                   | 2.07749         | .98731             | .58881                   | 1.35349                 |
| Most Extreme Differences         | Absolute       | .105                | .162                      | .462                     | .499            | .337               | .444                     | .337                    |
|                                  | Positive       | .105                | .162                      | .462                     | .499            | .337               | .444                     | .337                    |
|                                  | Negative       | -.095               | -.120                     | -.309                    | -.330           | -.235              | -.291                    | -.263                   |
| Kolmogorov-Smirnov Z             |                | .621                | .957                      | 1.173                    | 1.295           | 1.199              | 1.259                    | 1.199                   |
| Asymp. Sig. (2-tailed)           |                | .836                | .319                      | .210                     | .110            | .190               | .130                     | .190                    |

a. Test distribution is Normal.

b. Calculated from data.

**Test of Homogeneity of Variances**

|                           | Levene Statistic | df1 | df2 | Sig. |
|---------------------------|------------------|-----|-----|------|
| Jumlah fetus (ekor)       | 2.539            | 4   | 30  | .060 |
| Jumlah fetus hidup (ekor) | 1.029            | 4   | 30  | .408 |
| Julah fetus mati (ekor)   | 16.585           | 4   | 30  | .000 |
| Resorbsi (ekor)           | 6.211            | 4   | 30  | .001 |
| Angka cacat (ekor)        | 6.769            | 4   | 30  | .001 |
| Kelengkapan organ (ekor)  | 5.800            | 4   | 29  | .001 |
| Kerapuhan tulang (ekor)   | 4.783            | 4   | 30  | .004 |

**ANOVA**

|                           |                | Sum of Squares | df | Mean Square | F      | Sig. |
|---------------------------|----------------|----------------|----|-------------|--------|------|
| Jumlah fetus (ekor)       | Between Groups | 59.257         | 4  | 14.814      | 5.677  | .002 |
|                           | Within Groups  | 78.286         | 30 | 2.610       |        |      |
|                           | Total          | 137.543        | 34 |             |        |      |
| Jumlah fetus hidup (ekor) | Between Groups | 82.400         | 4  | 20.600      | 10.980 | .000 |
|                           | Within Groups  | 56.286         | 30 | 1.876       |        |      |
|                           | Total          | 138.686        | 34 |             |        |      |
| Jumlah fetus mati (ekor)  | Between Groups | 2.971          | 4  | .743        | 2.108  | .104 |
|                           | Within Groups  | 10.571         | 30 | .352        |        |      |
|                           | Total          | 13.543         | 34 |             |        |      |
| Resorbsi (ekor)           | Between Groups | 117.029        | 4  | 29.257      | 29.538 | .000 |
|                           | Within Groups  | 29.714         | 30 | .990        |        |      |
|                           | Total          | 146.743        | 34 |             |        |      |
| Angka cacat (ekor)        | Between Groups | 20.286         | 4  | 5.071       | 11.833 | .000 |
|                           | Within Groups  | 12.857         | 30 | .429        |        |      |
|                           | Total          | 33.143         | 34 |             |        |      |
| Kelengkapan organ (ekor)  | Between Groups | 6.322          | 4  | 1.581       | 8.954  | .000 |
|                           | Within Groups  | 5.119          | 29 | .177        |        |      |

|                         |                |        |    |        |        |      |
|-------------------------|----------------|--------|----|--------|--------|------|
| Kerapuhan tulang (ekor) | Total          | 11.441 | 33 |        |        |      |
|                         | Between Groups | 41.143 | 4  | 10.286 | 14.595 | .000 |
|                         | Within Groups  | 21.143 | 30 | .705   |        |      |
|                         | Total          | 62.286 | 34 |        |        |      |

| Tests of Normality        |                                 |    |      |              |    |      |
|---------------------------|---------------------------------|----|------|--------------|----|------|
|                           | Kolmogorov-Smirnov <sup>a</sup> |    |      | Shapiro-Wilk |    |      |
|                           | Statistic                       | df | Sig. | Statistic    | df | Sig. |
| Jumlah fetus (ekor)       | ,149                            | 35 | ,055 | ,948         | 35 | ,101 |
| Jumlah fetus hidup (ekor) | ,145                            | 35 | ,061 | ,964         | 35 | ,305 |
| Jumlah fetus mati (ekor)  | ,146                            | 35 | ,057 | ,943         | 35 | ,068 |
| Resorpsi (ekor)           | ,148                            | 35 | ,056 | ,963         | 35 | ,280 |
| Angka cacat (ekor)        | ,150                            | 35 | ,054 | ,942         | 35 | ,066 |
| Kelengkapan organ (ekor)  | ,135                            | 35 | ,107 | ,957         | 35 | ,181 |
| Kerapuhan tulang (ekor)   | ,129                            | 35 | ,154 | ,957         | 35 | ,182 |

a. Lilliefors Significance Correction

## A. Jumlah Fetus

### Oneway

#### descriptives

Jumlah fetus (ekor)

|                | N  | Mean    | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum |
|----------------|----|---------|----------------|------------|----------------------------------|-------------|---------|---------|
|                |    |         |                |            | Lower Bound                      | Upper Bound |         |         |
| Cyklofosamid   | 7  | 12,4286 | ,53452         | ,20203     | 11,9342                          | 12,9229     | 12,00   | 13,00   |
| Kontrol normal | 7  | 9,5714  | 1,51186        | ,57143     | 8,1732                           | 10,9697     | 7,00    | 12,00   |
| JM 0,26 ml     | 7  | 12,1429 | 1,06904        | ,40406     | 11,1542                          | 13,1316     | 11,00   | 14,00   |
| JM 0,52 ml     | 7  | 10,8571 | 1,34519        | ,50843     | 9,6131                           | 12,1012     | 9,00    | 13,00   |
| JM 1,04 ml     | 7  | 10,1429 | 1,34519        | ,50843     | 8,8988                           | 11,3869     | 8,00    | 12,00   |
| Total          | 35 | 11,0286 | 1,59937        | ,27034     | 10,4792                          | 11,5780     | 7,00    | 14,00   |

#### Test of Homogeneity of Variances

Jumlah fetus (ekor)

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| ,789             | 4   | 30  | ,541 |

### NOVA

Jumlah fetus (ekor)

|                | Sum of Squares | df | Mean Square | F     | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 42,971         | 4  | 10,743      | 7,325 | ,000 |
| Within Groups  | 44,000         | 30 | 1,467       |       |      |
| Total          | 86,971         | 34 |             |       |      |

### Post Hoc Tests

#### Multiple Comparisons

Dependent Variable: Jumlah fetus (ekor)

|         | (I) Kelompok Perlakuan | (J) Kelompok Perlakuan | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval |             |
|---------|------------------------|------------------------|-----------------------|------------|------|-------------------------|-------------|
|         |                        |                        |                       |            |      | Lower Bound             | Upper Bound |
| Scheffe | Cyklofosfamid          | Kontrol normal         | 2,85714*              | ,64734     | ,004 | ,7339                   | 4,9804      |
|         |                        | JM 0,26 ml             | ,28571                | ,64734     | ,995 | -1,8376                 | 2,4090      |
|         |                        | JM 0,52 ml             | 1,57143               | ,64734     | ,235 | -,5519                  | 3,6947      |
|         |                        | JM 1,04 ml             | 2,28571*              | ,64734     | ,029 | ,1624                   | 4,4090      |
|         |                        | Cyklofosfamid          | -2,85714*             | ,64734     | ,004 | -4,9804                 | -,7339      |
|         | Kontrol normal         | JM 0,26 ml             | -2,57143*             | ,64734     | ,011 | -4,6947                 | -,4481      |
|         |                        | JM 0,52 ml             | -1,28571              | ,64734     | ,430 | -3,4090                 | ,8376       |
|         |                        | JM 1,04 ml             | -,57143               | ,64734     | ,939 | -2,6947                 | 1,5519      |
|         | JM 0,26 ml             | Cyklofosfamid          | -,28571               | ,64734     | ,995 | -2,4090                 | 1,8376      |
|         |                        | Kontrol normal         | 2,57143*              | ,64734     | ,011 | ,4481                   | 4,6947      |
|         |                        | JM 0,52 ml             | 1,28571               | ,64734     | ,430 | -,8376                  | 3,4090      |
|         |                        | JM 1,04 ml             | 2,00000               | ,64734     | ,073 | -,1233                  | 4,1233      |
|         | JM 0,52 ml             | Cyklofosfamid          | -1,57143              | ,64734     | ,235 | -3,6947                 | ,5519       |
|         |                        | Kontrol normal         | 1,28571               | ,64734     | ,430 | -,8376                  | 3,4090      |
|         |                        | JM 0,26 ml             | -1,28571              | ,64734     | ,430 | -3,4090                 | ,8376       |

|            |                |           |        |      |         |        |
|------------|----------------|-----------|--------|------|---------|--------|
| JM 1,04 ml | JM 1,04 ml     | ,71429    | ,64734 | ,873 | -1,4090 | 2,8376 |
|            | Cyklofosfamid  | -2,28571* | ,64734 | ,029 | -4,4090 | -,1624 |
|            | Kontrol normal | ,57143    | ,64734 | ,939 | -1,5519 | 2,6947 |
|            | JM 0,26 ml     | -2,00000  | ,64734 | ,073 | -4,1233 | ,1233  |
|            | JM 0,52 ml     | -,71429   | ,64734 | ,873 | -2,8376 | 1,4090 |

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

| Jumlah fetus (ekor)  |                    |   |                         |         |         |
|----------------------|--------------------|---|-------------------------|---------|---------|
|                      | Kelompok Perlakuan | N | Subset for alpha = 0.05 |         |         |
|                      |                    |   | 1                       | 2       | 3       |
| Duncan <sup>a</sup>  | Kontrol normal     | 7 | 9,5714                  |         |         |
|                      | JM 1,04 ml         | 7 | 10,1429                 |         |         |
|                      | JM 0,52 ml         | 7 | 10,8571                 | 10,8571 |         |
|                      | JM 0,26 ml         | 7 |                         | 12,1429 | 12,1429 |
|                      | Cyklofosfamid      | 7 |                         |         | 12,4286 |
|                      | Sig.               |   | ,069                    | ,056    | ,662    |
| Scheffe <sup>a</sup> | Kontrol normal     | 7 | 9,5714                  |         |         |
|                      | JM 1,04 ml         | 7 | 10,1429                 | 10,1429 |         |
|                      | JM 0,52 ml         | 7 | 10,8571                 | 10,8571 | 10,8571 |
|                      | JM 0,26 ml         | 7 |                         | 12,1429 | 12,1429 |
|                      | Cyklofosfamid      | 7 |                         |         | 12,4286 |
|                      | Sig.               |   | ,430                    | ,073    | ,235    |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 7,000.

## B. Jumlah Fetus Hidup

## Oneway

### Descriptives

Jumlah fetus hidup (ekor)

|                | N  | Mean    | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum |
|----------------|----|---------|----------------|------------|----------------------------------|-------------|---------|---------|
|                |    |         |                |            | Lower Bound                      | Upper Bound |         |         |
| Cyklofosamid   | 7  | 8,1429  | ,89974         | ,34007     | 7,3107                           | 8,9750      | 7,00    | 9,00    |
| Kontrol normal | 7  | 8,8571  | 1,57359        | ,59476     | 7,4018                           | 10,3125     | 6,00    | 11,00   |
| JM 0,26 ml     | 7  | 10,1429 | 1,06904        | ,40406     | 9,1542                           | 11,1316     | 9,00    | 12,00   |
| JM 0,52 ml     | 7  | 8,2857  | ,95119         | ,35952     | 7,4060                           | 9,1654      | 7,00    | 10,00   |
| JM 1,04 ml     | 7  | 7,1429  | 1,34519        | ,50843     | 5,8988                           | 8,3869      | 5,00    | 9,00    |
| Total          | 35 | 8,5143  | 1,50238        | ,25395     | 7,9982                           | 9,0304      | 5,00    | 12,00   |

### Test of Homogeneity of Variances

Jumlah fetus hidup (ekor)

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| ,375             | 4   | 30  | ,825 |

### ANOVA

Jumlah fetus hidup (ekor)

|                | Sum of Squares | df | Mean Square | F     | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 33,886         | 4  | 8,471       | 5,930 | ,001 |
| Within Groups  | 42,857         | 30 | 1,429       |       |      |
| Total          | 76,743         | 34 |             |       |      |

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Jumlah fetus hidup (ekor)

|         | (I) Kelompok Perlakuan | (J) Kelompok Perlakuan | Mean Difference (I-J) | Std. Error | Sig.  | 95% Confidence Interval |             |
|---------|------------------------|------------------------|-----------------------|------------|-------|-------------------------|-------------|
|         |                        |                        |                       |            |       | Lower Bound             | Upper Bound |
| Scheffe | Cyklofosamid           | Kontrol normal         | -,71429               | ,63888     | ,867  | -2,8098                 | 1,3812      |
|         |                        | JM 0,26 ml             | -2,00000              | ,63888     | ,068  | -4,0955                 | ,0955       |
|         |                        | JM 0,52 ml             | -,14286               | ,63888     | 1,000 | -2,2384                 | 1,9527      |

|                |                |           |        |       |         |        |
|----------------|----------------|-----------|--------|-------|---------|--------|
| Kontrol normal | JM 1,04 ml     | 1,00000   | ,63888 | ,657  | -1,0955 | 3,0955 |
|                | Cyklofosfamid  | ,71429    | ,63888 | ,867  | -1,3812 | 2,8098 |
|                | JM 0,26 ml     | -1,28571  | ,63888 | ,417  | -3,3812 | ,8098  |
|                | JM 0,52 ml     | ,57143    | ,63888 | ,936  | -1,5241 | 2,6670 |
|                | JM 1,04 ml     | 1,71429   | ,63888 | ,155  | -,3812  | 3,8098 |
| JM 0,26 ml     | Cyklofosfamid  | 2,00000   | ,63888 | ,068  | -,0955  | 4,0955 |
|                | Kontrol normal | 1,28571   | ,63888 | ,417  | -,8098  | 3,3812 |
|                | JM 0,52 ml     | 1,85714   | ,63888 | ,104  | -,2384  | 3,9527 |
|                | JM 1,04 ml     | 3,00000*  | ,63888 | ,002  | ,9045   | 5,0955 |
|                | Cyklofosfamid  | ,14286    | ,63888 | 1,000 | -1,9527 | 2,2384 |
| JM 0,52 ml     | Kontrol normal | -,57143   | ,63888 | ,936  | -2,6670 | 1,5241 |
|                | JM 0,26 ml     | -1,85714  | ,63888 | ,104  | -3,9527 | ,2384  |
|                | JM 1,04 ml     | 1,14286   | ,63888 | ,535  | -,9527  | 3,2384 |
|                | Cyklofosfamid  | -1,00000  | ,63888 | ,657  | -3,0955 | 1,0955 |
|                | Kontrol normal | -1,71429  | ,63888 | ,155  | -3,8098 | ,3812  |
| JM 1,04 ml     | JM 0,26 ml     | -3,00000* | ,63888 | ,002  | -5,0955 | -,9045 |
|                | JM 0,52 ml     | -1,14286  | ,63888 | ,535  | -3,2384 | ,9527  |

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

| Jumlah fetus hidup (ekor) |                    |   |                         |        |         |
|---------------------------|--------------------|---|-------------------------|--------|---------|
|                           | Kelompok Perlakuan | N | Subset for alpha = 0.05 |        |         |
|                           |                    |   | 1                       | 2      | 3       |
| Duncan <sup>a</sup>       | JM 1,04 ml         | 7 | 7,1429                  |        |         |
|                           | Cyklofosfamid      | 7 | 8,1429                  | 8,1429 |         |
|                           | JM 0,52 ml         | 7 | 8,2857                  | 8,2857 |         |
|                           | Kontrol normal     | 7 |                         | 8,8571 | 8,8571  |
|                           | JM 0,26 ml         | 7 |                         |        | 10,1429 |

|                      |                |   |        |         |      |
|----------------------|----------------|---|--------|---------|------|
| Scheffe <sup>a</sup> | Sig.           |   | ,100   | ,300    | ,053 |
|                      | JM 1,04 ml     | 7 | 7,1429 |         |      |
|                      | Cyklofosfamid  | 7 | 8,1429 | 8,1429  |      |
|                      | JM 0,52 ml     | 7 | 8,2857 | 8,2857  |      |
|                      | Kontrol normal | 7 | 8,8571 | 8,8571  |      |
|                      | JM 0,26 ml     | 7 |        | 10,1429 |      |
|                      | Sig.           |   | ,155   | ,068    |      |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 7,000.

### C. Jumlah Fetus Mati

#### Oneway

#### escriptives

Jumlah fetus mati (ekor)

|                | N  | Mean   | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum |
|----------------|----|--------|----------------|------------|----------------------------------|-------------|---------|---------|
|                |    |        |                |            | Lower Bound                      | Upper Bound |         |         |
| Cyklofosfamid  | 7  | 4,2857 | ,48795         | ,18443     | 3,8344                           | 4,7370      | 4,00    | 5,00    |
| Kontrol normal | 7  | ,7143  | ,48795         | ,18443     | ,2630                            | 1,1656      | ,00     | 1,00    |
| JM 0,26 ml     | 7  | 2,0000 | ,00000         | ,00000     | 2,0000                           | 2,0000      | 2,00    | 2,00    |
| JM 0,52 ml     | 7  | 2,5714 | ,53452         | ,20203     | 2,0771                           | 3,0658      | 2,00    | 3,00    |
| JM 1,04 ml     | 7  | 3,0000 | ,00000         | ,00000     | 3,0000                           | 3,0000      | 3,00    | 3,00    |
| Total          | 35 | 2,5143 | 1,24550        | ,21053     | 2,0864                           | 2,9421      | ,00     | 5,00    |

#### Test of Homogeneity of Variances

Jumlah fetus mati (ekor)

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 21,750           | 4   | 30  | ,000 |

## ANOVA

Jumlah fetus mati (ekor)

|                | Sum of Squares | df | Mean Square | F      | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 48,171         | 4  | 12,043      | 79,031 | ,000 |
| Within Groups  | 4,571          | 30 | ,152        |        |      |
| Total          | 52,743         | 34 |             |        |      |

## Post Hoc Tests

## Multiple Comparisons

Dependent Variable: Jumlah fetus mati (ekor)

|         | (I) Kelompok Perlakuan | (J) Kelompok Perlakuan | Mean Difference<br>(I-J) | Std. Error | Sig. | 95% Confidence Interval |             |
|---------|------------------------|------------------------|--------------------------|------------|------|-------------------------|-------------|
|         |                        |                        |                          |            |      | Lower Bound             | Upper Bound |
| Scheffe | Cyklofosfamid          | Kontrol normal         | 3,57143*                 | ,20866     | ,000 | 2,8870                  | 4,2558      |
|         |                        | JM 0,26 ml             | 2,28571*                 | ,20866     | ,000 | 1,6013                  | 2,9701      |
|         |                        | JM 0,52 ml             | 1,71429*                 | ,20866     | ,000 | 1,0299                  | 2,3987      |
|         |                        | JM 1,04 ml             | 1,28571*                 | ,20866     | ,000 | ,6013                   | 1,9701      |
|         | Kontrol normal         | Cyklofosfamid          | -3,57143*                | ,20866     | ,000 | -4,2558                 | -2,8870     |
|         |                        | JM 0,26 ml             | -1,28571*                | ,20866     | ,000 | -1,9701                 | -,6013      |
|         |                        | JM 0,52 ml             | -1,85714*                | ,20866     | ,000 | -2,5415                 | -1,1727     |
|         |                        | JM 1,04 ml             | -2,28571*                | ,20866     | ,000 | -2,9701                 | -1,6013     |
|         | JM 0,26 ml             | Cyklofosfamid          | -2,28571*                | ,20866     | ,000 | -2,9701                 | -1,6013     |
|         |                        | Kontrol normal         | 1,28571*                 | ,20866     | ,000 | ,6013                   | 1,9701      |
|         |                        | JM 0,52 ml             | -,57143                  | ,20866     | ,141 | -1,2558                 | ,1130       |
|         |                        | JM 1,04 ml             | -1,00000*                | ,20866     | ,001 | -1,6844                 | -,3156      |
|         | JM 0,52 ml             | Cyklofosfamid          | -1,71429*                | ,20866     | ,000 | -2,3987                 | -1,0299     |
|         |                        | Kontrol normal         | 1,85714*                 | ,20866     | ,000 | 1,1727                  | 2,5415      |
|         |                        | JM 0,26 ml             | ,57143                   | ,20866     | ,141 | -,1130                  | 1,2558      |
|         |                        | JM 1,04 ml             | -,42857                  | ,20866     | ,396 | -1,1130                 | ,2558       |
|         | JM 1,04 ml             | Cyklofosfamid          | -1,28571*                | ,20866     | ,000 | -1,9701                 | -,6013      |
|         |                        | Kontrol normal         | 2,28571*                 | ,20866     | ,000 | 1,6013                  | 2,9701      |
|         |                        | JM 0,26 ml             | 1,00000*                 | ,20866     | ,001 | ,3156                   | 1,6844      |

|  |            |        |        |      |        |        |
|--|------------|--------|--------|------|--------|--------|
|  | JM 0,52 ml | ,42857 | ,20866 | ,396 | -,2558 | 1,1130 |
|--|------------|--------|--------|------|--------|--------|

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

|                      |                    | Julah fetus mati (ekor) |                         |        |        |        |        |
|----------------------|--------------------|-------------------------|-------------------------|--------|--------|--------|--------|
|                      | Kelompok Perlakuan | N                       | Subset for alpha = 0.05 |        |        |        |        |
|                      |                    |                         | 1                       | 2      | 3      | 4      | 5      |
| Duncan <sup>a</sup>  | Kontrol normal     | 7                       | ,7143                   |        |        |        |        |
|                      | JM 0,26 ml         | 7                       |                         | 2,0000 |        |        |        |
|                      | JM 0,52 ml         | 7                       |                         |        | 2,5714 |        |        |
|                      | JM 1,04 ml         | 7                       |                         |        |        | 3,0000 |        |
|                      | Cyklofosfamid      | 7                       |                         |        |        |        | 4,2857 |
|                      | Sig.               |                         | 1,000                   | 1,000  | 1,000  | 1,000  | 1,000  |
| Scheffe <sup>a</sup> | Kontrol normal     | 7                       | ,7143                   |        |        |        |        |
|                      | JM 0,26 ml         | 7                       |                         | 2,0000 |        |        |        |
|                      | JM 0,52 ml         | 7                       |                         | 2,5714 | 2,5714 |        |        |
|                      | JM 1,04 ml         | 7                       |                         |        | 3,0000 |        |        |
|                      | Cyklofosfamid      | 7                       |                         |        |        | 4,2857 |        |
|                      | Sig.               |                         | 1,000                   | ,141   | ,396   | 1,000  |        |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 7,000.

## D. Resorbsi Oneway

| Descriptives    |   |      |                |            |                                  |             |         |         |
|-----------------|---|------|----------------|------------|----------------------------------|-------------|---------|---------|
| Resorbsi (ekor) |   |      |                |            |                                  |             |         |         |
|                 | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum |
|                 |   |      |                |            | Lower Bound                      | Upper Bound |         |         |

|                |    |        |         |        |        |        |      |      |
|----------------|----|--------|---------|--------|--------|--------|------|------|
| Cyklofosfamid  | 7  | 5,5714 | ,78680  | ,29738 | 4,8438 | 6,2991 | 5,00 | 7,00 |
| Kontrol normal | 7  | 1,2857 | ,75593  | ,28571 | ,5866  | 1,9848 | ,00  | 2,00 |
| JM 0,26 ml     | 7  | 2,8571 | ,37796  | ,14286 | 2,5076 | 3,2067 | 2,00 | 3,00 |
| JM 0,52 ml     | 7  | 3,5714 | ,53452  | ,20203 | 3,0771 | 4,0658 | 3,00 | 4,00 |
| JM 1,04 ml     | 7  | 4,1429 | ,37796  | ,14286 | 3,7933 | 4,4924 | 4,00 | 5,00 |
| Total          | 35 | 3,4857 | 1,54104 | ,26048 | 2,9564 | 4,0151 | ,00  | 7,00 |

### Test of Homogeneity of Variances

Resorbsi (ekor)

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 3,294            | 4   | 30  | ,024 |

### NOVA

Resorbsi (ekor)

|                | Sum of Squares | df | Mean Square | F      | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 70,171         | 4  | 17,543      | 49,784 | ,000 |
| Within Groups  | 10,571         | 30 | ,352        |        |      |
| Total          | 80,743         | 34 |             |        |      |

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Resorbsi (ekor)

|         | (I) Kelompok Perlakuan | (J) Kelompok Perlakuan | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval |             |
|---------|------------------------|------------------------|-----------------------|------------|------|-------------------------|-------------|
|         |                        |                        |                       |            |      | Lower Bound             | Upper Bound |
| Scheffe | Cyklofosfamid          | Kontrol normal         | 4,28571*              | ,31730     | ,000 | 3,2450                  | 5,3265      |
|         |                        | JM 0,26 ml             | 2,71429*              | ,31730     | ,000 | 1,6735                  | 3,7550      |
|         |                        | JM 0,52 ml             | 2,00000*              | ,31730     | ,000 | ,9592                   | 3,0408      |
|         |                        | JM 1,04 ml             | 1,42857*              | ,31730     | ,003 | ,3878                   | 2,4693      |
|         | Kontrol normal         | Cyklofosfamid          | -4,28571*             | ,31730     | ,000 | -5,3265                 | -3,2450     |
|         |                        | JM 0,26 ml             | -1,57143*             | ,31730     | ,001 | -2,6122                 | -,5307      |
|         |                        | JM 0,52 ml             | -2,28571*             | ,31730     | ,000 | -3,3265                 | -1,2450     |
|         |                        | JM 1,04 ml             | -2,85714*             | ,31730     | ,000 | -3,8979                 | -1,8164     |
|         | JM 0,26 ml             | Cyklofosfamid          | -2,71429*             | ,31730     | ,000 | -3,7550                 | -1,6735     |

|            |                |           |        |      |         |        |
|------------|----------------|-----------|--------|------|---------|--------|
| JM 0,52 ml | Kontrol normal | 1,57143*  | ,31730 | ,001 | ,5307   | 2,6122 |
|            | JM 0,52 ml     | -,71429   | ,31730 | ,305 | -1,7550 | ,3265  |
|            | JM 1,04 ml     | -1,28571* | ,31730 | ,009 | -2,3265 | -,2450 |
|            | Cyklofosfamid  | -2,00000* | ,31730 | ,000 | -3,0408 | -,9592 |
|            | Kontrol normal | 2,28571*  | ,31730 | ,000 | 1,2450  | 3,3265 |
|            | JM 0,26 ml     | ,71429    | ,31730 | ,305 | -,3265  | 1,7550 |
|            | JM 1,04 ml     | -,57143   | ,31730 | ,528 | -1,6122 | ,4693  |
|            | Cyklofosfamid  | -1,42857* | ,31730 | ,003 | -2,4693 | -,3878 |
|            | Kontrol normal | 2,85714*  | ,31730 | ,000 | 1,8164  | 3,8979 |
|            | JM 0,26 ml     | 1,28571*  | ,31730 | ,009 | ,2450   | 2,3265 |
| JM 1,04 ml | JM 0,52 ml     | ,57143    | ,31730 | ,528 | -,4693  | 1,6122 |

\*. The mean difference is significant at the 0.05 level.

### Homogeneous Subsets

|                      |                    | Resorbsi (ekor) |                         |        |        |        |
|----------------------|--------------------|-----------------|-------------------------|--------|--------|--------|
|                      | Kelompok Perlakuan | N               | Subset for alpha = 0.05 |        |        |        |
|                      |                    |                 | 1                       | 2      | 3      | 4      |
| Duncan <sup>a</sup>  | Kontrol normal     | 7               | 1,2857                  |        |        |        |
|                      | JM 0,26 ml         | 7               |                         | 2,8571 |        |        |
|                      | JM 0,52 ml         | 7               |                         |        | 3,5714 |        |
|                      | JM 1,04 ml         | 7               |                         |        | 4,1429 |        |
|                      | Cyklofosfamid      | 7               |                         |        |        | 5,5714 |
|                      | Sig.               |                 | 1,000                   | 1,000  | ,082   | 1,000  |
| Scheffe <sup>a</sup> | Kontrol normal     | 7               | 1,2857                  |        |        |        |
|                      | JM 0,26 ml         | 7               |                         | 2,8571 |        |        |
|                      | JM 0,52 ml         | 7               |                         | 3,5714 | 3,5714 |        |
|                      | JM 1,04 ml         | 7               |                         |        | 4,1429 |        |
|                      | Cyklofosfamid      | 7               |                         |        |        | 5,5714 |

|      |  |       |      |      |       |
|------|--|-------|------|------|-------|
| Sig. |  | 1,000 | ,305 | ,528 | 1,000 |
|------|--|-------|------|------|-------|

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 7,000.

## E. Angka Cacat Oneway

### Descriptives

Angka cacat (ekor)

|                | N  | Mean   | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum |
|----------------|----|--------|----------------|------------|----------------------------------|-------------|---------|---------|
|                |    |        |                |            | Lower Bound                      | Upper Bound |         |         |
| Cyklofosamid   | 7  | 4,1429 | ,69007         | ,26082     | 3,5047                           | 4,7811      | 3,00    | 5,00    |
| Kontrol normal | 7  | ,7143  | ,48795         | ,18443     | ,2630                            | 1,1656      | ,00     | 1,00    |
| JM 0,26 ml     | 7  | 1,8571 | ,37796         | ,14286     | 1,5076                           | 2,2067      | 1,00    | 2,00    |
| JM 0,52 ml     | 7  | 2,5714 | ,53452         | ,20203     | 2,0771                           | 3,0658      | 2,00    | 3,00    |
| JM 1,04 ml     | 7  | 3,4286 | ,53452         | ,20203     | 2,9342                           | 3,9229      | 3,00    | 4,00    |
| Total          | 35 | 2,5429 | 1,31379        | ,22207     | 2,0916                           | 2,9942      | ,00     | 5,00    |

### Test of Homogeneity of Variances

Angka cacat (ekor)

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 1,222            | 4   | 30  | ,322 |

### ANOVA

Angka cacat (ekor)

|                | Sum of Squares | df | Mean Square | F      | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 50,114         | 4  | 12,529      | 43,850 | ,000 |
| Within Groups  | 8,571          | 30 | ,286        |        |      |
| Total          | 58,686         | 34 |             |        |      |

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Angka cacat (ekor)

|  | (I) Kelompok Perlakuan | (J) Kelompok Perlakuan | Std. Error | Sig. | 95% Confidence Interval |
|--|------------------------|------------------------|------------|------|-------------------------|
|--|------------------------|------------------------|------------|------|-------------------------|

|         |                |                | Mean Difference<br>(I-J) |        |      | Lower Bound | Upper Bound |
|---------|----------------|----------------|--------------------------|--------|------|-------------|-------------|
| Scheffe | Cyklofosfamid  | Kontrol normal | 3,42857*                 | ,28571 | ,000 | 2,4914      | 4,3657      |
|         |                | JM 0,26 ml     | 2,28571*                 | ,28571 | ,000 | 1,3486      | 3,2229      |
|         |                | JM 0,52 ml     | 1,57143*                 | ,28571 | ,000 | ,6343       | 2,5086      |
|         |                | JM 1,04 ml     | ,71429                   | ,28571 | ,210 | -,2229      | 1,6514      |
|         | Kontrol normal | Cyklofosfamid  | -3,42857*                | ,28571 | ,000 | -4,3657     | -2,4914     |
|         |                | JM 0,26 ml     | -1,14286*                | ,28571 | ,010 | -2,0800     | -,2057      |
|         |                | JM 0,52 ml     | -1,85714*                | ,28571 | ,000 | -2,7943     | -,9200      |
|         |                | JM 1,04 ml     | -2,71429*                | ,28571 | ,000 | -3,6514     | -1,7771     |
|         | JM 0,26 ml     | Cyklofosfamid  | -2,28571*                | ,28571 | ,000 | -3,2229     | -1,3486     |
|         |                | Kontrol normal | 1,14286*                 | ,28571 | ,010 | ,2057       | 2,0800      |
|         |                | JM 0,52 ml     | -,71429                  | ,28571 | ,210 | -1,6514     | ,2229       |
|         |                | JM 1,04 ml     | -1,57143*                | ,28571 | ,000 | -2,5086     | -,6343      |
|         | JM 0,52 ml     | Cyklofosfamid  | -1,57143*                | ,28571 | ,000 | -2,5086     | -,6343      |
|         |                | Kontrol normal | 1,85714*                 | ,28571 | ,000 | ,9200       | 2,7943      |
|         |                | JM 0,26 ml     | ,71429                   | ,28571 | ,210 | -,2229      | 1,6514      |
|         |                | JM 1,04 ml     | -,85714                  | ,28571 | ,087 | -1,7943     | ,0800       |
|         | JM 1,04 ml     | Cyklofosfamid  | -,71429                  | ,28571 | ,210 | -1,6514     | ,2229       |
|         |                | Kontrol normal | 2,71429*                 | ,28571 | ,000 | 1,7771      | 3,6514      |
|         |                | JM 0,26 ml     | 1,57143*                 | ,28571 | ,000 | ,6343       | 2,5086      |
|         |                | JM 0,52 ml     | ,85714                   | ,28571 | ,087 | -,0800      | 1,7943      |

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

| Angka cacat (ekor) |                    |   |                         |   |   |   |   |
|--------------------|--------------------|---|-------------------------|---|---|---|---|
|                    | Kelompok Perlakuan | N | Subset for alpha = 0.05 |   |   |   |   |
|                    |                    |   | 1                       | 2 | 3 | 4 | 5 |

|                      |                |   |       |        |        |        |        |
|----------------------|----------------|---|-------|--------|--------|--------|--------|
| Duncan <sup>a</sup>  | Kontrol normal | 7 | ,7143 |        |        |        |        |
|                      | JM 0,26 ml     | 7 |       | 1,8571 |        |        |        |
|                      | JM 0,52 ml     | 7 |       |        | 2,5714 |        |        |
|                      | JM 1,04 ml     | 7 |       |        |        | 3,4286 |        |
|                      | Cyklofosfamid  | 7 |       |        |        |        | 4,1429 |
| Scheffe <sup>a</sup> | Sig.           |   | 1,000 | 1,000  | 1,000  | 1,000  | 1,000  |
|                      | Kontrol normal | 7 | ,7143 |        |        |        |        |
|                      | JM 0,26 ml     | 7 |       | 1,8571 |        |        |        |
|                      | JM 0,52 ml     | 7 |       | 2,5714 | 2,5714 |        |        |
|                      | JM 1,04 ml     | 7 |       |        | 3,4286 | 3,4286 |        |
|                      | Cyklofosfamid  | 7 |       |        |        | 4,1429 |        |
|                      | Sig.           |   | 1,000 | ,210   | ,087   | ,210   |        |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 7,000.

## F. Kelengkapan Organ Oneway

### Descriptives

Kelengkapan organ (ekor)

|                | N | Mean   | Std.<br>Deviation | Std.<br>Error | 95% Confidence Interval for<br>Mean |             | Minimum | Maximum |
|----------------|---|--------|-------------------|---------------|-------------------------------------|-------------|---------|---------|
|                |   |        |                   |               | Lower<br>Bound                      | Upper Bound |         |         |
| Cyklofosfamid  | 7 | 4,8571 | ,69007            | ,26082        | 4,2189                              | 5,4953      | 4,00    | 6,00    |
| Kontrol normal | 7 | 1,1429 | ,69007            | ,26082        | ,5047                               | 1,7811      | ,00     | 2,00    |
| JM 0,26 ml     | 7 | 2,1429 | ,37796            | ,14286        | 1,7933                              | 2,4924      | 2,00    | 3,00    |
| JM 0,52 ml     | 7 | 3,0000 | ,00000            | ,00000        | 3,0000                              | 3,0000      | 3,00    | 3,00    |
| JM 1,04 ml     | 7 | 3,8571 | ,37796            | ,14286        | 3,5076                              | 4,2067      | 3,00    | 4,00    |

|       |    |        |         |        |        |        |     |      |
|-------|----|--------|---------|--------|--------|--------|-----|------|
| Total | 35 | 3,0000 | 1,39326 | ,23550 | 2,5214 | 3,4786 | ,00 | 6,00 |
|-------|----|--------|---------|--------|--------|--------|-----|------|

### Test of Homogeneity of Variances

Kelengkapan organ (ekor)

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 2,729            | 4   | 30  | ,048 |

### ANOVA

Kelengkapan organ (ekor)

|                | Sum of Squares | df | Mean Square | F      | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 58,571         | 4  | 14,643      | 59,135 | ,000 |
| Within Groups  | 7,429          | 30 | ,248        |        |      |
| Total          | 66,000         | 34 |             |        |      |

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Kelengkapan organ (ekor)

|         | (I) Kelompok Perlakuan | (J) Kelompok Perlakuan | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval |             |
|---------|------------------------|------------------------|-----------------------|------------|------|-------------------------|-------------|
|         |                        |                        |                       |            |      | Lower Bound             | Upper Bound |
| Scheffe | Cyklofosfamid          | Kontrol normal         | 3,71429*              | ,26599     | ,000 | 2,8418                  | 4,5867      |
|         |                        | JM 0,26 ml             | 2,71429*              | ,26599     | ,000 | 1,8418                  | 3,5867      |
|         |                        | JM 0,52 ml             | 1,85714*              | ,26599     | ,000 | ,9847                   | 2,7296      |
|         |                        | JM 1,04 ml             | 1,00000*              | ,26599     | ,018 | ,1276                   | 1,8724      |
|         |                        | Cyklofosfamid          | -3,71429*             | ,26599     | ,000 | -4,5867                 | -2,8418     |
|         | Kontrol normal         | JM 0,26 ml             | -1,00000*             | ,26599     | ,018 | -1,8724                 | -,1276      |
|         |                        | JM 0,52 ml             | -1,85714*             | ,26599     | ,000 | -2,7296                 | -,9847      |
|         |                        | JM 1,04 ml             | -2,71429*             | ,26599     | ,000 | -3,5867                 | -1,8418     |
|         |                        | Cyklofosfamid          | -2,71429*             | ,26599     | ,000 | -3,5867                 | -1,8418     |
|         | JM 0,26 ml             | Kontrol normal         | 1,00000*              | ,26599     | ,018 | ,1276                   | 1,8724      |
|         |                        | JM 0,52 ml             | -,85714               | ,26599     | ,056 | -1,7296                 | ,0153       |
|         |                        | JM 1,04 ml             | -1,71429*             | ,26599     | ,000 | -2,5867                 | -,8418      |
|         | JM 0,52 ml             | Cyklofosfamid          | -1,85714*             | ,26599     | ,000 | -2,7296                 | -,9847      |

|            |                |           |        |      |         |        |
|------------|----------------|-----------|--------|------|---------|--------|
| JM 1,04 ml | Kontrol normal | 1,85714*  | ,26599 | ,000 | ,9847   | 2,7296 |
|            | JM 0,26 ml     | ,85714    | ,26599 | ,056 | -,0153  | 1,7296 |
|            | JM 1,04 ml     | -,85714   | ,26599 | ,056 | -1,7296 | ,0153  |
|            | Cyklofosfamid  | -1,00000* | ,26599 | ,018 | -1,8724 | -,1276 |
|            | Kontrol normal | 2,71429*  | ,26599 | ,000 | 1,8418  | 3,5867 |
|            | JM 0,26 ml     | 1,71429*  | ,26599 | ,000 | ,8418   | 2,5867 |
|            | JM 0,52 ml     | ,85714    | ,26599 | ,056 | -,0153  | 1,7296 |

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

|                      |                    | Kelengkapan organ (ekor) |                         |        |        |        |        |
|----------------------|--------------------|--------------------------|-------------------------|--------|--------|--------|--------|
|                      | Kelompok Perlakuan | N                        | Subset for alpha = 0.05 |        |        |        |        |
|                      |                    |                          | 1                       | 2      | 3      | 4      | 5      |
| Duncan <sup>a</sup>  | Kontrol normal     | 7                        | 1,1429                  |        |        |        |        |
|                      | JM 0,26 ml         | 7                        |                         | 2,1429 |        |        |        |
|                      | JM 0,52 ml         | 7                        |                         |        | 3,0000 |        |        |
|                      | JM 1,04 ml         | 7                        |                         |        |        | 3,8571 |        |
|                      | Cyklofosfamid      | 7                        |                         |        |        |        | 4,8571 |
|                      | Sig.               |                          | 1,000                   | 1,000  | 1,000  | 1,000  | 1,000  |
| Scheffe <sup>a</sup> | Kontrol normal     | 7                        | 1,1429                  |        |        |        |        |
|                      | JM 0,26 ml         | 7                        |                         | 2,1429 |        |        |        |
|                      | JM 0,52 ml         | 7                        |                         | 3,0000 | 3,0000 |        |        |
|                      | JM 1,04 ml         | 7                        |                         |        | 3,8571 |        |        |
|                      | Cyklofosfamid      | 7                        |                         |        |        | 4,8571 |        |
|                      | Sig.               |                          | 1,000                   | ,056   | ,056   | 1,000  |        |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 7,000.

## G. Kerapuhan tulang Oneway

### escriptives

Kerapuhan tulang (ekor)

|                | N  | Mean   | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum |
|----------------|----|--------|----------------|------------|----------------------------------|-------------|---------|---------|
|                |    |        |                |            | Lower Bound                      | Upper Bound |         |         |
| Cyklofosamid   | 7  | 5,0000 | ,81650         | ,30861     | 4,2449                           | 5,7551      | 4,00    | 6,00    |
| Kontrol normal | 7  | 1,0000 | ,81650         | ,30861     | ,2449                            | 1,7551      | ,00     | 2,00    |
| JM 0,26 ml     | 7  | 2,1429 | ,37796         | ,14286     | 1,7933                           | 2,4924      | 2,00    | 3,00    |
| JM 0,52 ml     | 7  | 3,0000 | ,00000         | ,00000     | 3,0000                           | 3,0000      | 3,00    | 3,00    |
| JM 1,04 ml     | 7  | 3,8571 | ,37796         | ,14286     | 3,5076                           | 4,2067      | 3,00    | 4,00    |
| Total          | 35 | 3,0000 | 1,49509        | ,25272     | 2,4864                           | 3,5136      | ,00     | 6,00    |

### Test of Homogeneity of Variances

Kerapuhan tulang (ekor)

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 2,927            | 4   | 30  | ,037 |

### ANOVA

Kerapuhan tulang (ekor)

|                | Sum of Squares | df | Mean Square | F      | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 66,286         | 4  | 16,571      | 51,176 | ,000 |
| Within Groups  | 9,714          | 30 | ,324        |        |      |
| Total          | 76,000         | 34 |             |        |      |

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Kerapuhan tulang (ekor)

|  |  |  |  | Sig. | 95% Confidence Interval |
|--|--|--|--|------|-------------------------|
|--|--|--|--|------|-------------------------|

|         | (I) Kelompok Perlakuan | (J) Kelompok Perlakuan | Mean Difference (I-J) | Std. Error |      | Lower Bound | Upper Bound |
|---------|------------------------|------------------------|-----------------------|------------|------|-------------|-------------|
| Scheffe | Cyklofosfamid          | Kontrol normal         | 4,00000*              | ,30417     | ,000 | 3,0023      | 4,9977      |
|         |                        | JM 0,26 ml             | 2,85714*              | ,30417     | ,000 | 1,8595      | 3,8548      |
|         |                        | JM 0,52 ml             | 2,00000*              | ,30417     | ,000 | 1,0023      | 2,9977      |
|         |                        | JM 1,04 ml             | 1,14286*              | ,30417     | ,018 | ,1452       | 2,1405      |
|         | Kontrol normal         | Cyklofosfamid          | -4,00000*             | ,30417     | ,000 | -4,9977     | -3,0023     |
|         |                        | JM 0,26 ml             | -1,14286*             | ,30417     | ,018 | -2,1405     | -,1452      |
|         |                        | JM 0,52 ml             | -2,00000*             | ,30417     | ,000 | -2,9977     | -1,0023     |
|         |                        | JM 1,04 ml             | -2,85714*             | ,30417     | ,000 | -3,8548     | -1,8595     |
|         | JM 0,26 ml             | Cyklofosfamid          | -2,85714*             | ,30417     | ,000 | -3,8548     | -1,8595     |
|         |                        | Kontrol normal         | 1,14286*              | ,30417     | ,018 | ,1452       | 2,1405      |
|         |                        | JM 0,52 ml             | -,85714               | ,30417     | ,122 | -1,8548     | ,1405       |
|         |                        | JM 1,04 ml             | -1,71429*             | ,30417     | ,000 | -2,7120     | -,7166      |
|         | JM 0,52 ml             | Cyklofosfamid          | -2,00000*             | ,30417     | ,000 | -2,9977     | -1,0023     |
|         |                        | Kontrol normal         | 2,00000*              | ,30417     | ,000 | 1,0023      | 2,9977      |
|         |                        | JM 0,26 ml             | ,85714                | ,30417     | ,122 | -,1405      | 1,8548      |
|         |                        | JM 1,04 ml             | -,85714               | ,30417     | ,122 | -1,8548     | ,1405       |
|         | JM 1,04 ml             | Cyklofosfamid          | -1,14286*             | ,30417     | ,018 | -2,1405     | -,1452      |
|         |                        | Kontrol normal         | 2,85714*              | ,30417     | ,000 | 1,8595      | 3,8548      |
|         |                        | JM 0,26 ml             | 1,71429*              | ,30417     | ,000 | ,7166       | 2,7120      |
|         |                        | JM 0,52 ml             | ,85714                | ,30417     | ,122 | -,1405      | 1,8548      |

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

| Kerapuhan tulang (ekor) |                    |   |                         |   |   |   |   |
|-------------------------|--------------------|---|-------------------------|---|---|---|---|
|                         | Kelompok Perlakuan | N | Subset for alpha = 0.05 |   |   |   |   |
|                         |                    |   | 1                       | 2 | 3 | 4 | 5 |
| Duncan <sup>a</sup>     | Kontrol normal     | 7 | 1,0000                  |   |   |   |   |

|                      |                |   |        |        |        |        |        |  |
|----------------------|----------------|---|--------|--------|--------|--------|--------|--|
| Scheffe <sup>a</sup> | JM 0,26 ml     | 7 |        | 2,1429 |        |        |        |  |
|                      | JM 0,52 ml     | 7 |        |        | 3,0000 |        |        |  |
|                      | JM 1,04 ml     | 7 |        |        |        | 3,8571 |        |  |
|                      | Cyklofosamid   | 7 |        |        |        |        | 5,0000 |  |
|                      | Sig.           |   | 1,000  | 1,000  | 1,000  | 1,000  | 1,000  |  |
|                      | Kontrol normal | 7 | 1,0000 |        |        |        |        |  |
|                      | JM 0,26 ml     | 7 |        | 2,1429 |        |        |        |  |
|                      | JM 0,52 ml     | 7 |        | 3,0000 | 3,0000 |        |        |  |
|                      | JM 1,04 ml     | 7 |        |        | 3,8571 |        |        |  |
|                      | Cyklofosamid   | 7 |        |        |        | 5,0000 |        |  |
|                      | Sig.           |   | 1,000  | ,122   | ,122   | 1,000  |        |  |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 7,000.