1. **Summary output of the data analysis of variance and Tukey’s post hoc test on the 24-hour dose-dependent mortality of *Naja ashei* venom (Genstat15th edition)**

Analysis of variance

Variate: Adjusted\_%mortality

Source of variation d.f. s.s. m.s. v.r. F pr.

Concentration\_ug\_ml 2 30760.00 15380.00 461.40 <.001

Residual 12 400.00 33.33

Total 14 31160.00

Tables of effects

Variate: Adjusted\_%mortality

Concentration\_ug\_ml effects, e.s.e. 2.58, rep. 5

Concentration\_ug\_ml 10 100 1000

-64.0 30.0 34.0

Tables of means

Variate: Adjusted\_%mortality

Grand mean 64.0

Concentration\_ug\_ml 10 100 1000

0.0 94.0 98.0

Standard errors of differences of means

Table Concentration\_ug\_ml

rep. 5

d.f. 12

s.e.d. 3.65

Tukey's 95% confidence intervals

Concentration\_ug\_ml

Difference Lower 95% Upper 95% Significant

Comparison

10 vs 100 -94.00 -103.74 -84.26 yes

10 vs 1000 -98.00 -107.74 -88.26 yes

100 vs 1000 -4.00 -13.74 5.74 no

Mean

10 0.00 a

100 94.00 b

1000 98.00 b

1. **Summary output of the data analysis of variance and Tukey’s post hoc test on the 48-hour dose-dependent mortality of *Naja ashei* venom (Genstat15th edition**

Analysis of variance

Variate: Adjusted\_%mortality

Source of variation d.f. s.s. m.s. v.r. F pr.

Concentration\_ug\_ml 2 7680.0 3840.0 29.54 <.001

Residual 12 1560.0 130.0

Total 14 9240.0

Tables of effects

Variate: Adjusted\_%mortality

Concentration\_ug\_ml effects, e.s.e. 5.10, rep. 5

Concentration\_ug\_ml 10 100 1000

-32.0 16.0 16.0

Tables of means

Variate: Adjusted\_%mortality

Grand mean 82.0

Concentration\_ug\_ml 10 100 1000

50.0 98.0 98.0

Standard errors of differences of means

Table Concentration\_ug\_ml

rep. 5

d.f. 12

s.e.d. 7.21

Tukey's 95% confidence intervals

Concentration\_ug\_ml

Difference Lower 95% Upper 95% Significant

Comparison

10 vs 100 -48.00 -67.24 -28.76 yes

10 vs 1000 -48.00 -67.24 -28.76 yes

100 vs 1000 0.00 -19.24 19.24 no

Mean

10 50.00 a

100 98.00 b

1000 98.00 b

1. **Summary output of the data analysis of variance and Tukey’s post hoc test on the 72-hour dose-dependent mortality of *Naja ashei* venom (Genstat15th edition**

Analysis of variance

Variate: %72hr\_adjusted\_%mortality\_

Source of variation d.f. s.s. m.s. v.r. F pr.

Concentration\_ug\_ml\_\_ 2 1333.33 666.67 6.90 0.010

Residual 12 1160.00 96.67

Total 14 2493.33

Tables of means

Variate: %72hr\_adjusted\_%mortality\_

Grand mean 79.3

Concentration\_ug\_ml\_\_ 10 100 1000

66.0 86.0 86.0

Standard errors of differences of means

Table Concentration\_ug\_ml\_\_

rep. 5

d.f. 12

s.e.d. 6.22

Tukey's 95% confidence intervals

Concentration\_ug\_ml\_\_

Difference Lower 95% Upper 95% Significant

Comparison

10 vs 100 -20.00 -36.59 -3.411 yes

10 vs 1000 -20.00 -36.59 -3.411 yes

100 vs 1000 0.00 -16.59 16.589 no

Mean

10 66.00 a

100 86.00 b

1000 86.00 b