



University of Guam Coconut Rhinoceros Beetle Biological Control Project
Generated by bioassay-report-generator.ipynb v.2019-10-29
<https://github.com/aubreymoore/rearing3>

Bioassay Report: PNGperOS

Aubrey Moore and James J. Grasela
University of Guam Coconut Rhinoceros Beetle Biocontrol Project
October 30, 2019

<https://github.com/aubreymoore/rearing3/raw/master/bioassay-PNGperOS.pdf>

Contents

1	Summary	2
2	Mortality	3
3	Change in Mass	4

1 Summary

Table 1: Bioassay summary.

	bioassay_name	date_start_bioassay	date_end_bioassay	bioassay_treatment	N
0	PNGperOS-1	2019-04-03	2019-05-03	control	7
1	PNGperOS-1	2019-04-03	2019-05-03	heat inactivated	7
2	PNGperOS-1	2019-04-03	2019-05-03	virus	7

Summary not available for "PNGperOS"

2 Mortality

Table 2: Mortality summary.

	bioassay_treatment	ntotal	ndead	mortality	adjusted_mortality	significance
0	control	7	1	0.142857	0.0	1.0
1	heat inactivated	7	1	0.142857	0.0	1.0
2	virus	7	1	0.142857	0.0	1.0

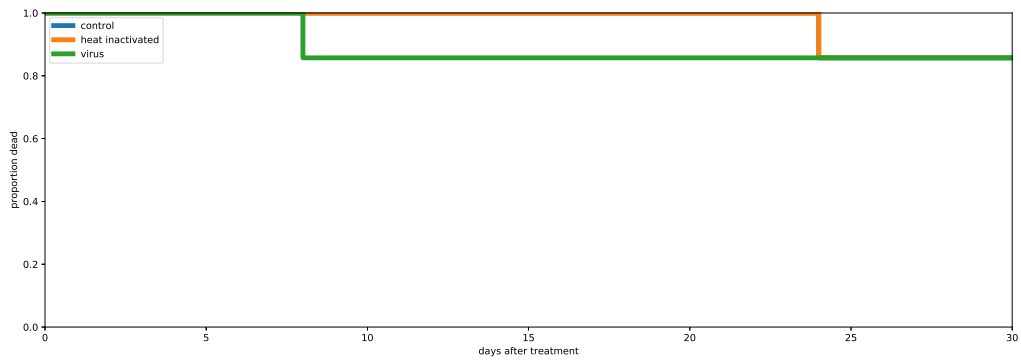


Table 3: Pairwise differences among mortality curves.

		test_statistic	p
control	heat inactivated	0.000000	1.000000
	virus	0.002967	0.956558
heat inactivated	virus	0.002967	0.956558

3 Change in Mass

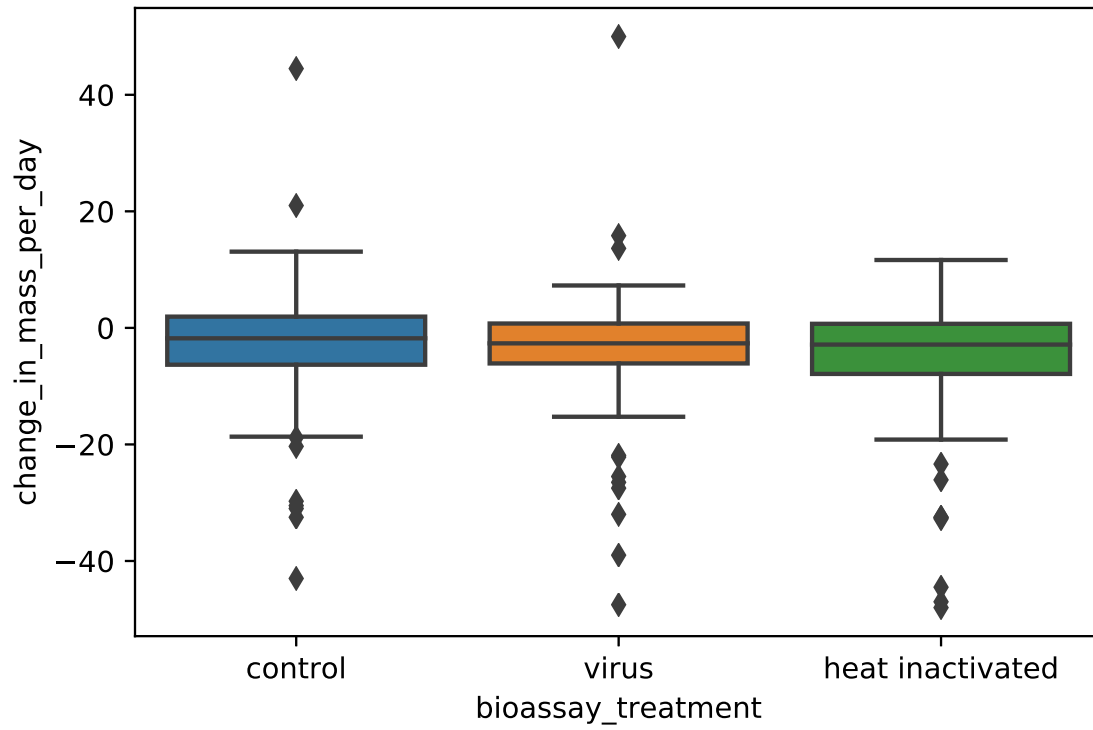


Table 4: Results of pairwise significance tests for differences in change in mass.

	control	heat inactivated	virus
control	-1.000000	0.868855	1.0
heat inactivated	0.868855	-1.000000	1.0
virus	1.000000	1.000000	-1.0