

OrNV Transmission Experiment

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This experiment was performed to determine if OrNV isolate V23B can be transmitted from a dosed CRB adult to an undosed CRB adult.

1 Materials and Methods

1.1 Beetles

1.2 Virus

Beetles were dosed per os with ca. 30 l V23B virus preparation of unknown concentration (AgResearch, New Zealand).

1.3 Experimental design

To test for virus transmission, beetles were selected at random and assigned to 45 pairs with a male and a female in each pair. These pairs were housed in Mason jars half filled with moist peat moss. The jars were held under standard rearing conditions in an environmental chamber: 30 deg C; 80% RH; 12h photoperiod. At the start of the bioassay, the beetle pairs were randomly placed in 3 treatment groups of 15 jars each.

Table 1: caption

Treatment group	Treatment
Jars labeled C1 through C15	Experimental control; neither beetle was dosed
Jars labeled TF1 through TF15	Female was dosed with virus; male was not dosed
Jars labeled MF1 through MF15	Female was dosed with virus; male was not dosed

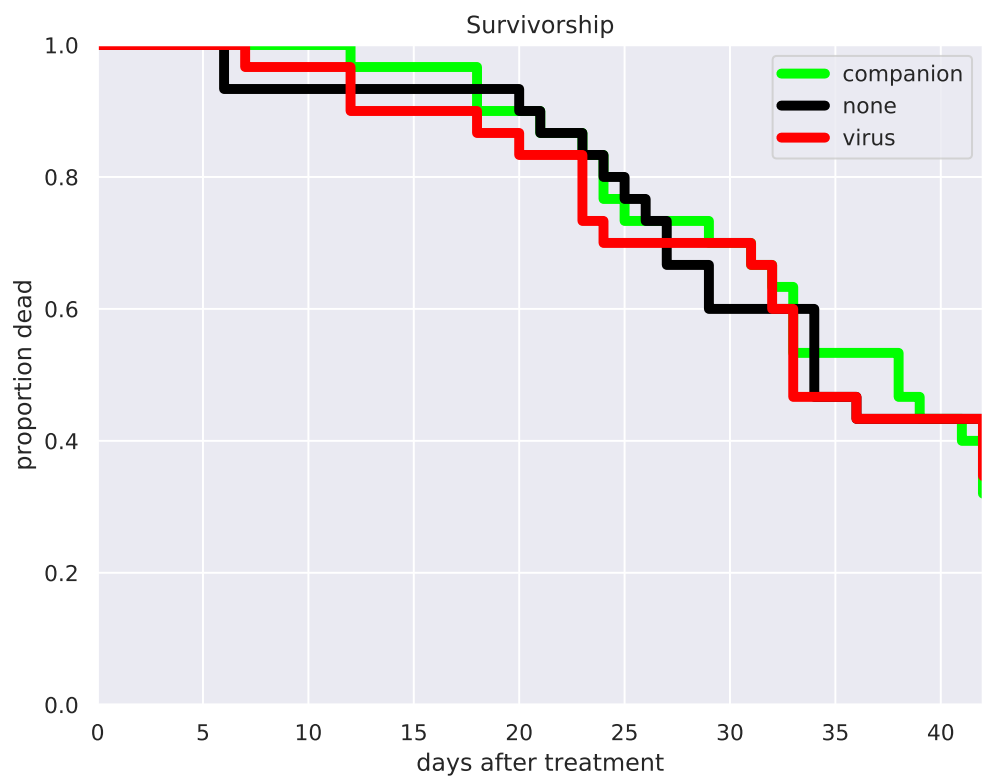


Figure 1: Caption

2 Results

3 BibTex

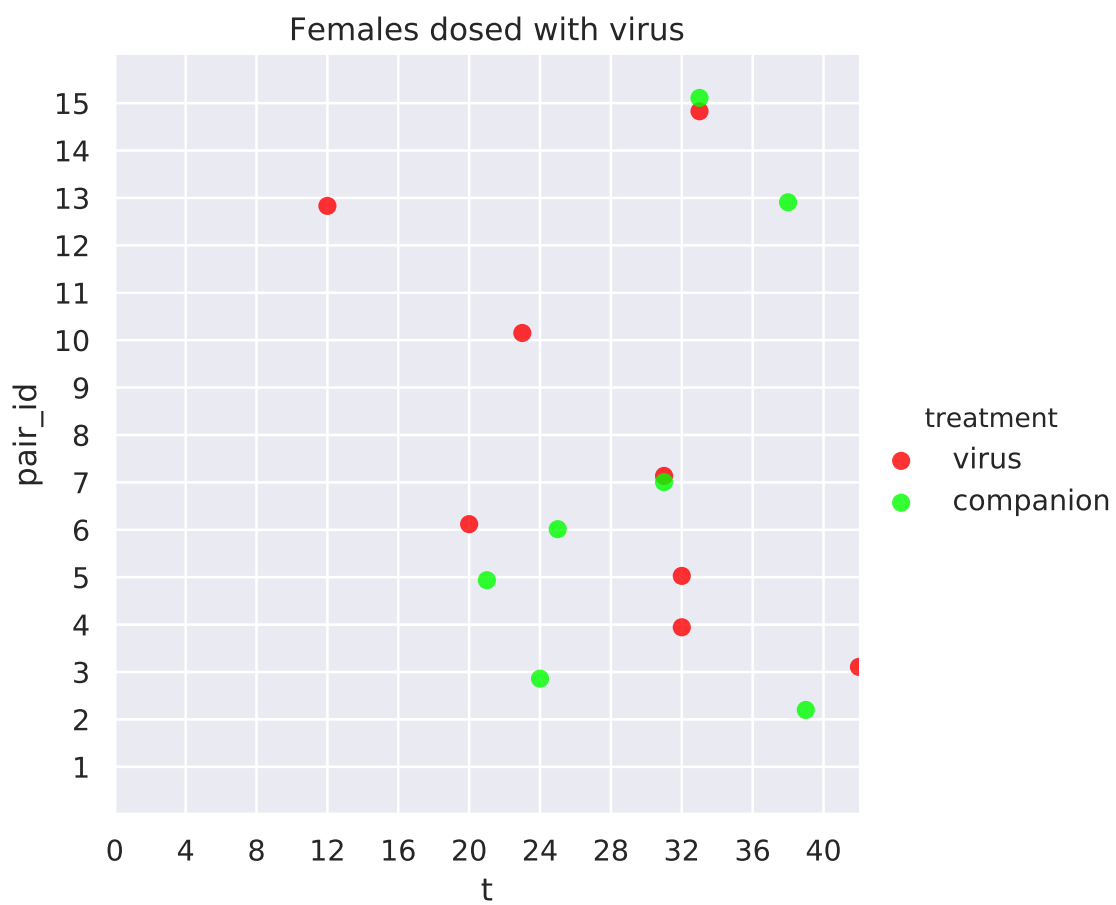


Figure 2: Caption

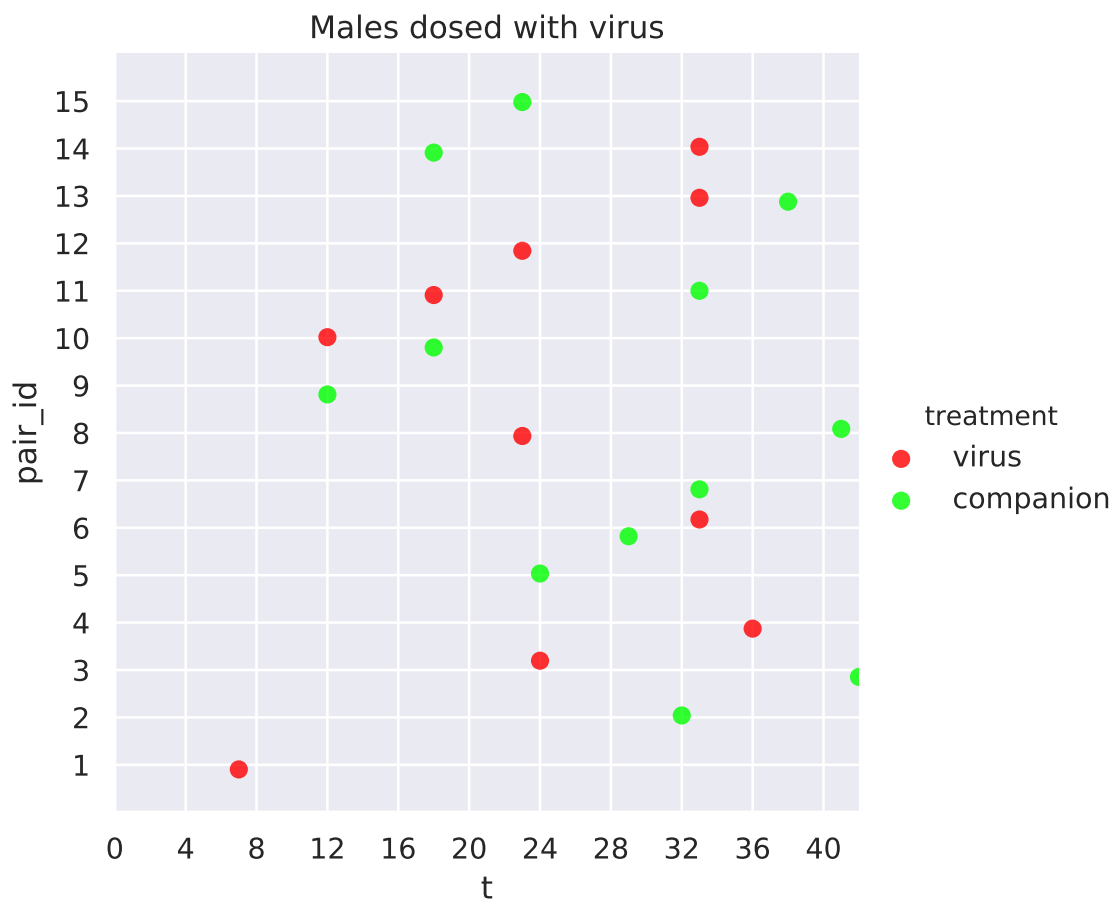


Figure 3: Caption