

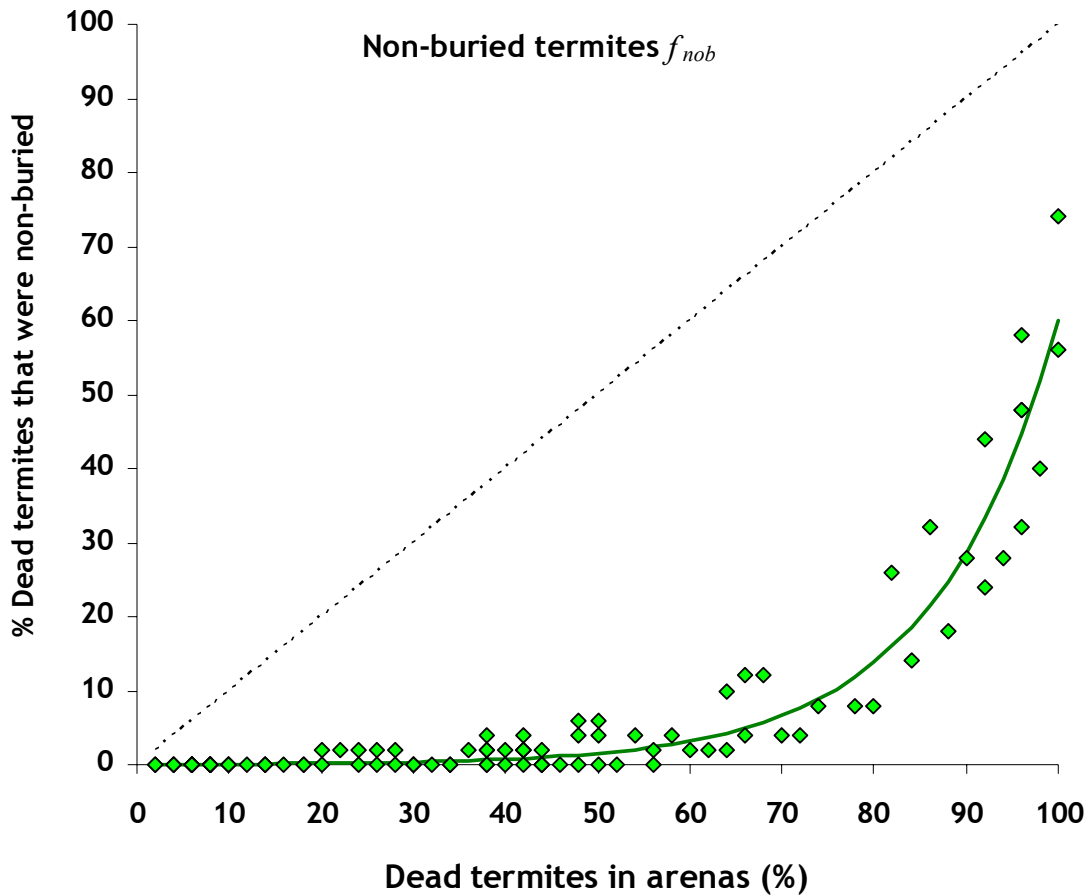
Dataset S5. Distribution of non-buried termites as function of the number of dead termites at 11 d.

$$f_{nob} = a \times \exp(bx)$$

$$a = 0.019041202$$

$$b = 0.147230859$$

Note: Coefficients for the curve fitting analysis are from groups of 50 termites (not percentages, as presented in the graphs)



Fitting target of sum of squared absolute error = 409.28397

Fit statistics

Degrees of freedom (error): 100
 Degrees of freedom (regression): 1
 R-squared: 0.92389
 R-squared adjusted: 0.92313
 Model F-statistic: 1213.95734
 Model F-statistic p-value: $<1e^{-16}$
 Model log-likelihood: -215.59292
 AIC: 4.26652
 BIC: 4.31799
 RMSE: 2.00314

Absolute error

Minimum: -7.02412
 Maximum: 6.33000
 Mean: -0.12324
 Std. Err. of Mean: 0.19894
 Median: -0.03431
 Variance: 3.99740
 Std. Deviation: 1.99935
 Pop. Var.: 3.99740
 Pop. Std. Dev.: 1.99935
 Skew: 0.33328
 Kurtosis: 3.89085