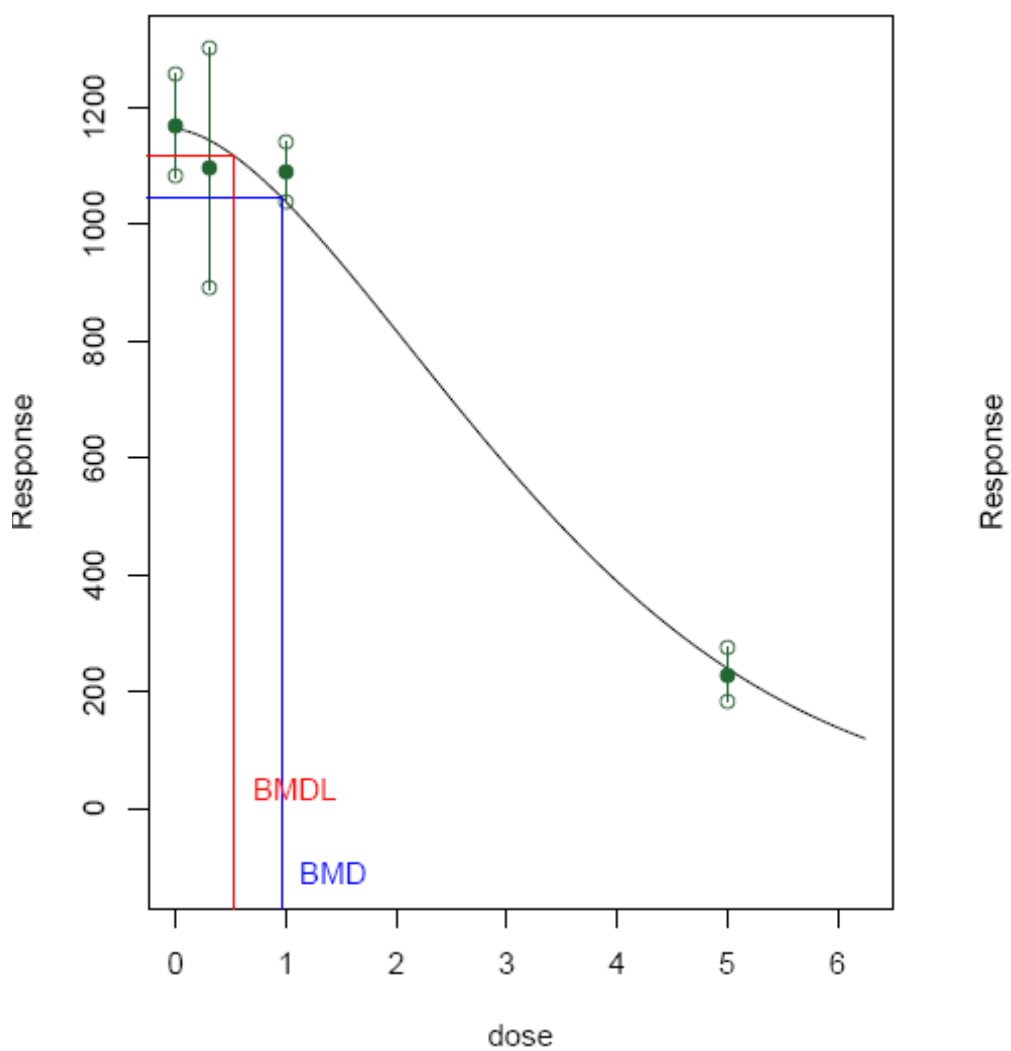


US EPA ARCHIVE DOCUMENT

Che Dams Lactation day 1
Hindbrain 10% bmr
Power Model

Female dose-response curve for chlorpyrifos



Tue Aug 05 09:43:09 2008

Redundancy Analysis

	1	2	3	4	5
CondIndex	10.047	2.209	1.610	1.413	1.000
mu	0.154	0.698	0.958	1.092	1.542
lA.sexF	0.421	0.013	0.444	0.115	0.006
ID.(Intercept)	0.988	0.002	0.001	0.002	0.007
lg	0.979	0.004	0.007	0.003	0.007

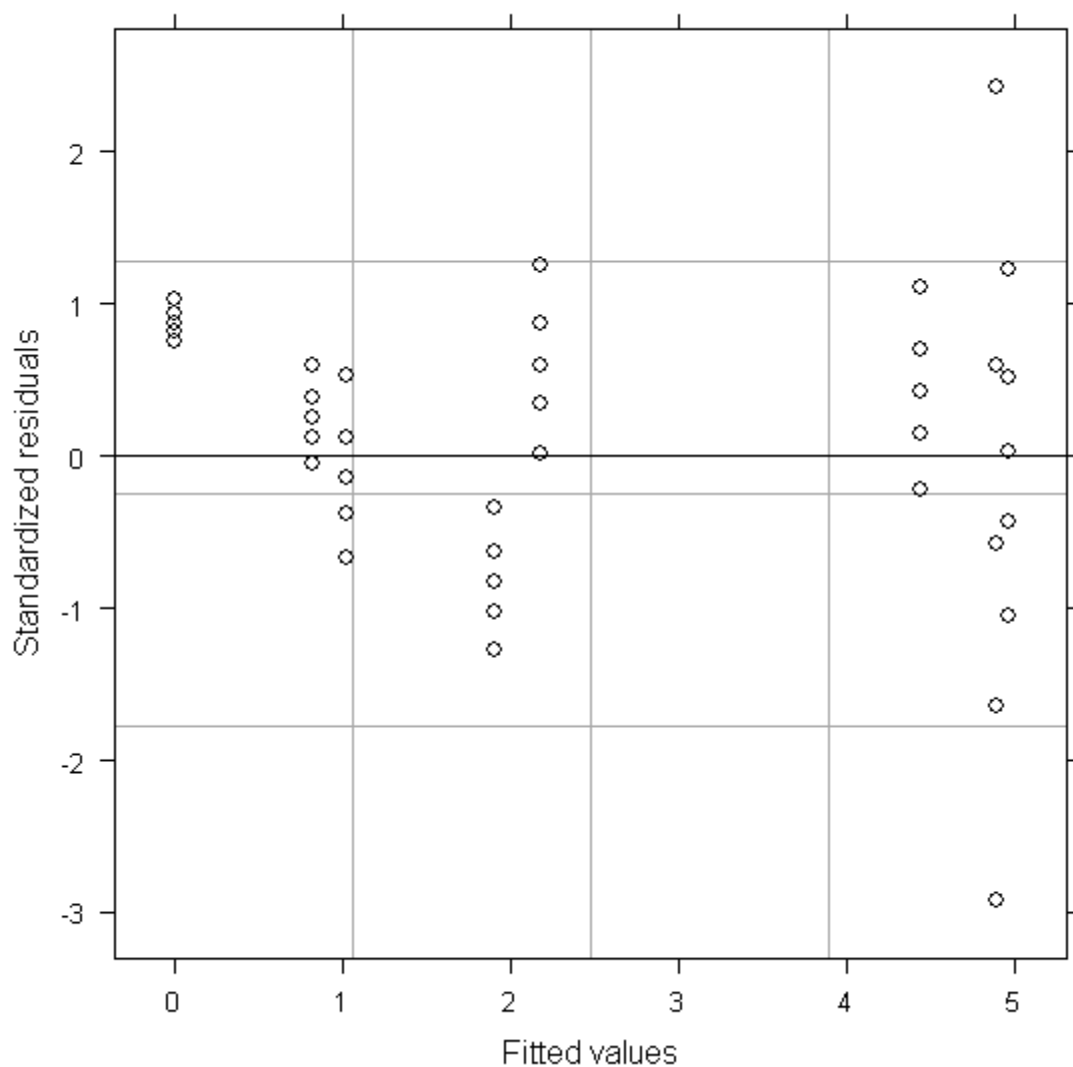
Parameter Values and Relative Standard Errors (sigma == 1)

	Parms	Relative SE
lA.sexF	1.600	0.071
ID.(Intercept)	-0.030	0.685
lg	0.500	0.417

Mean Absolute Value of Gradient

	Val
lA.sexF	1.9117053
ID.(Intercept)	0.6670386
lg	0.7974877

DRAFT



Note: Residual plots may contain dummy male data

AIC: 62.96989

Female intercept estimate (standard error): 4.971551(0.1807387)

Female BMD10 estimate (standard error): 0.9699212(0.4701309)

Power parameter estimate (standard error): 1.649510(0.4218536)

The confidence intervals for the variables are given by

	lower	est.	upper
Female Intercept	4.6345753	4.9715515	5.3330290
Female BMD10	0.4924906	0.9699212	1.9101830
Power Parameter	1.0913143	1.6495102	2.4932175

attr("label")
[1] "Coefficients:"

The one-sided confidence intervals (the lower bound) is given by

Female Intercept	Female BMDL10
4.6894625	0.5517865
Power Parameter	
1.1696171	