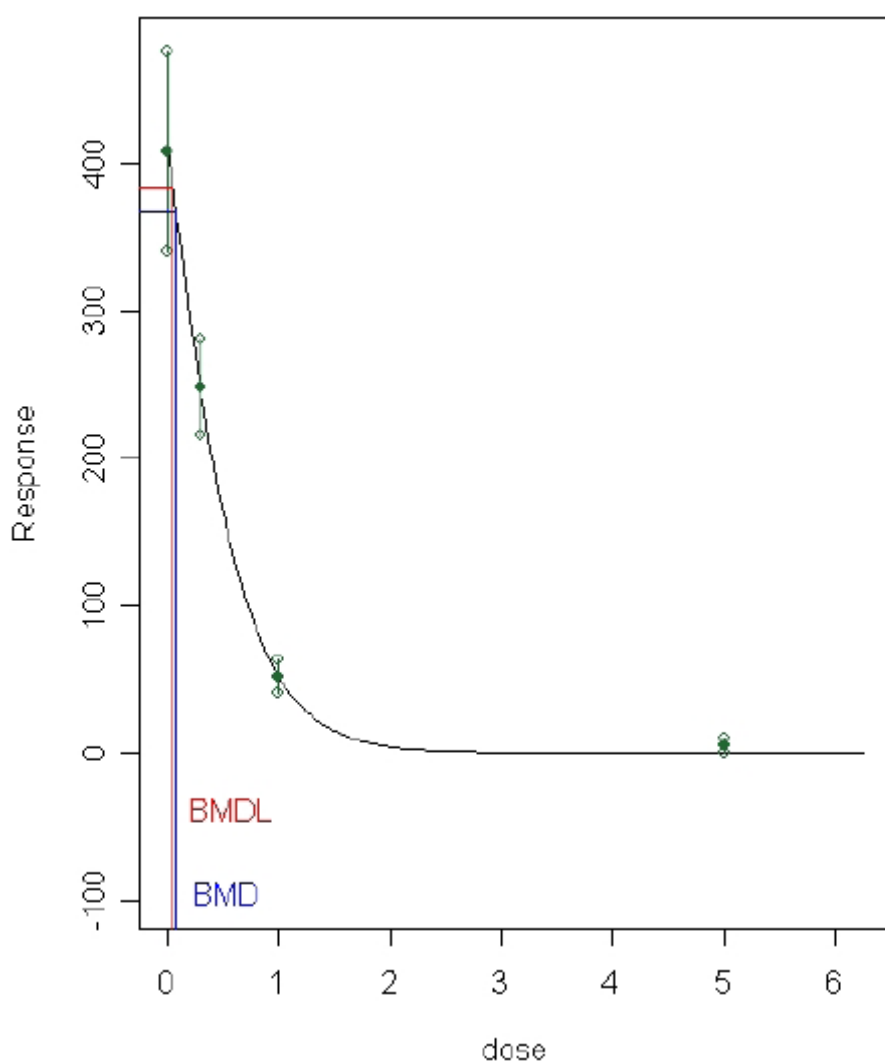


US EPA ARCHIVE DOCUMENT

Che DNT Dams Lactation day 1
RBC
10% bmr
Power Model

Female dose-response curve for chlorpyrifos



DRAFT

Tue Jul 22 12:47:39 2008

Redundancy Analysis

	1	2	3	4	5
CondIndex	7.363	2.149	1.753	1.227	1.000
mu	0.204	0.698	0.855	1.222	1.499
lA.sexF	0.143	0.007	0.785	0.010	0.055
ID.(Intercept)	0.980	0.000	0.006	0.000	0.014
lg	0.967	0.001	0.016	0.001	0.015

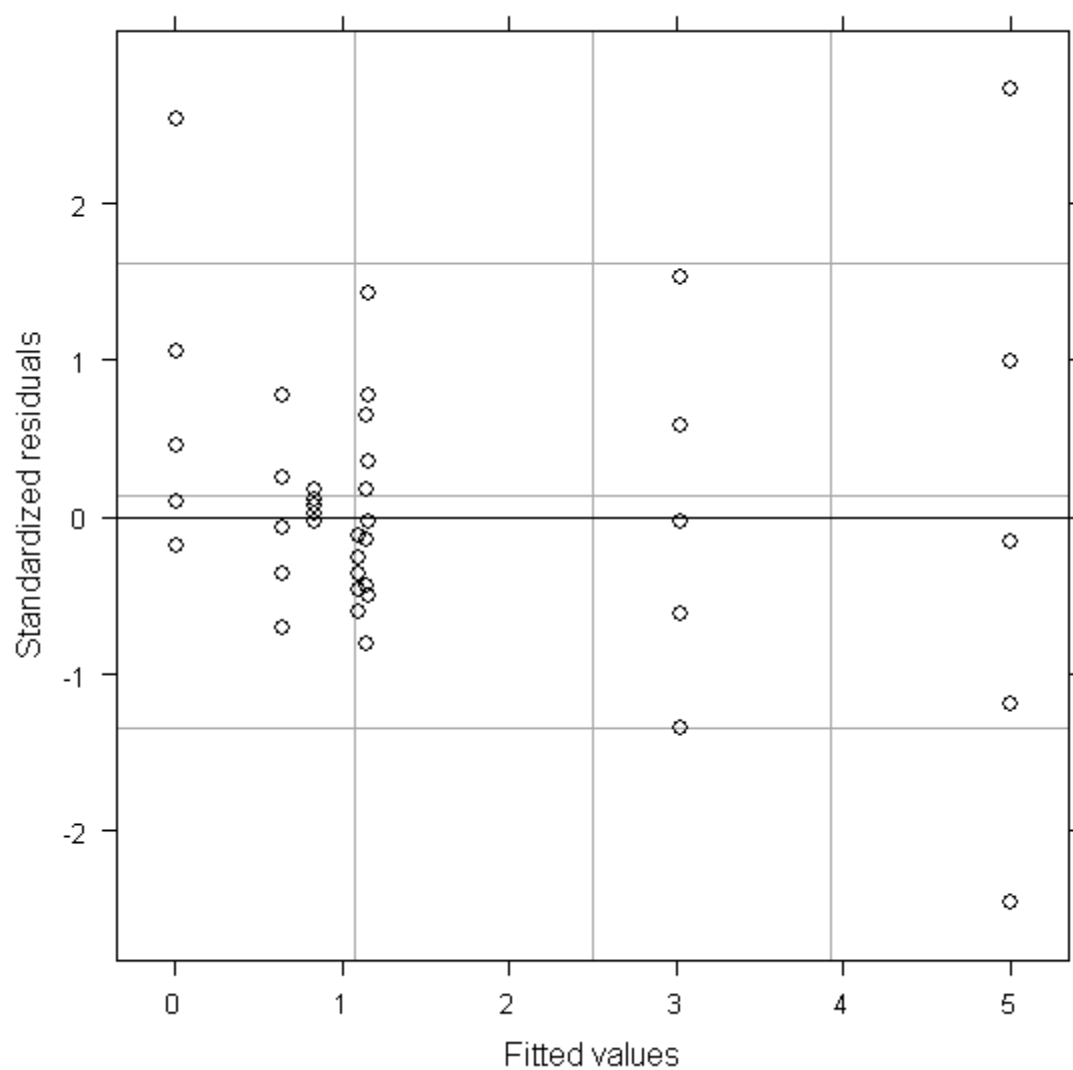
Parameter Values and Relative Standard Errors (sigma == 1)

	Parms	Relative SE
lA.sexF	1.610	0.089
ID.(Intercept)	-2.530	0.676
lg	0.160	0.332

Mean Absolute Value of Gradient

	Val
lA.sexF	1.08593146
ID.(Intercept)	0.46588917
lg	0.83192172

DRAFT



Note: Residual plots may contain dummy male data

AIC: 22.11917

Female intercept estimate (standard error): 5.007434(0.225076)

Female BMD10 estimate (standard error): 0.07909147(0.02938939)

Power parameter estimate (standard error): 1.171512(0.1615054)

DRAFT

The confidence intervals for the variables are given by

	lower	est.	upper
Female Intercept	4.59441090	5.00743354	5.4575856
Female BMD10	0.04537208	0.07909147	0.1378703
Power Parameter	0.91831325	1.17151184	1.4945227

attr("label")

[1] "Coefficients:"

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

Female Intercept	Female BMDL10
4.66123447	0.04980487
Power Parameter	
0.95660050	