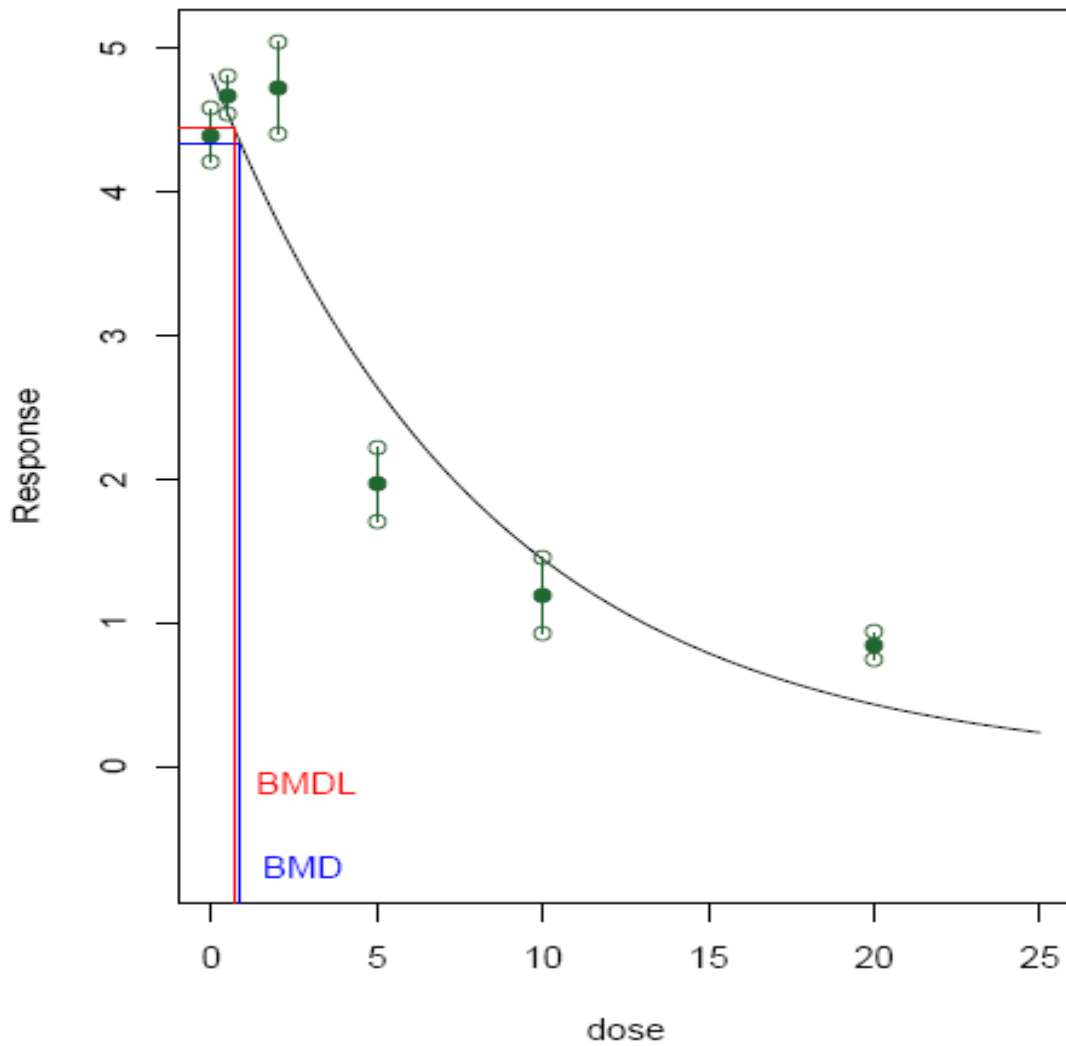


US EPA ARCHIVE DOCUMENT

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Moser PND17
Male Brain
10% bmr
No Power Model

Male dose-response curve for chlorpyrifos



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Redundancy Analysis

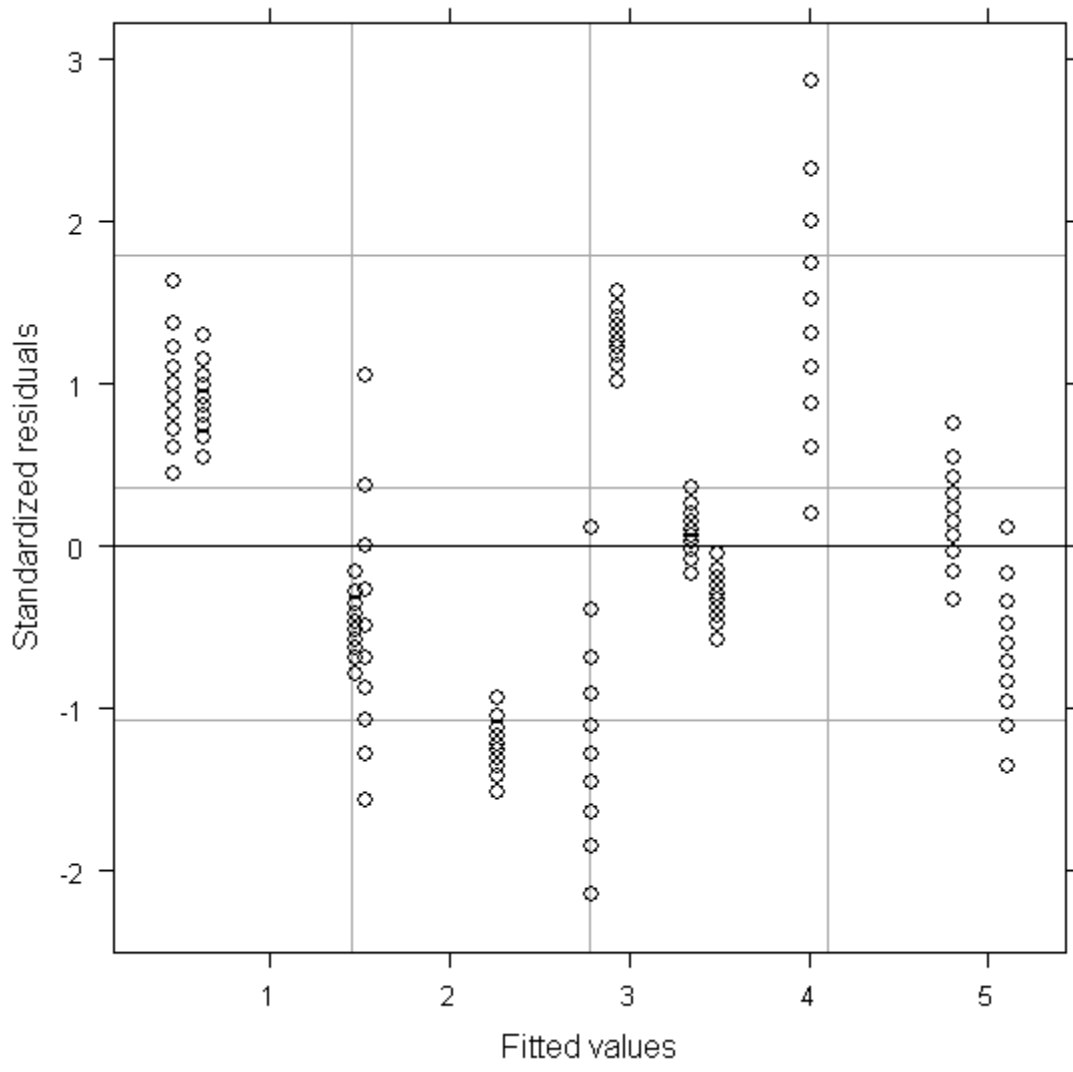
	1	2	3	4	5
CondIndex	10.296	4.231	2.026	1.674	1.000
mu	0.168	0.410	0.855	1.035	1.732
lA.sexM	0.251	0.163	0.485	0.081	0.020
ID.(Intercept)	0.971	0.022	0.001	0.001	0.005
ID.sexM	0.042	0.922	0.004	0.011	0.022
lg	0.912	0.069	0.012	0.001	0.006

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

	Parms	Relative SE
lA.sexM	1.640	0.050
ID.(Intercept)	0.119	0.405
ID.sexM	-0.297	0.223
lg	-3.310	0.157

Mean Absolute Value of Gradient

	Val
lA.sexM	1.5530260
ID.(Intercept)	0.8345960
ID.sexM	0.4941227
lg	1.6513787



Note: Residual plots may contain dummy female data

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AIC: 226.3344

Male intercept estimate (standard error): 5.108485(0.1528058)
Male BMD10 estimate (standard error): 0.8726178(0.1518206)
The confidence intervals for the variables are given by
 lower est. upper
Male Intercept 4.8201242 5.1084848 5.414096
Male BMD10 0.6372165 0.8726178 1.194981
attr("label")
[1] "Coefficients:"

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

Male Intercept	Male BMDL10
4.8659470	0.6707779