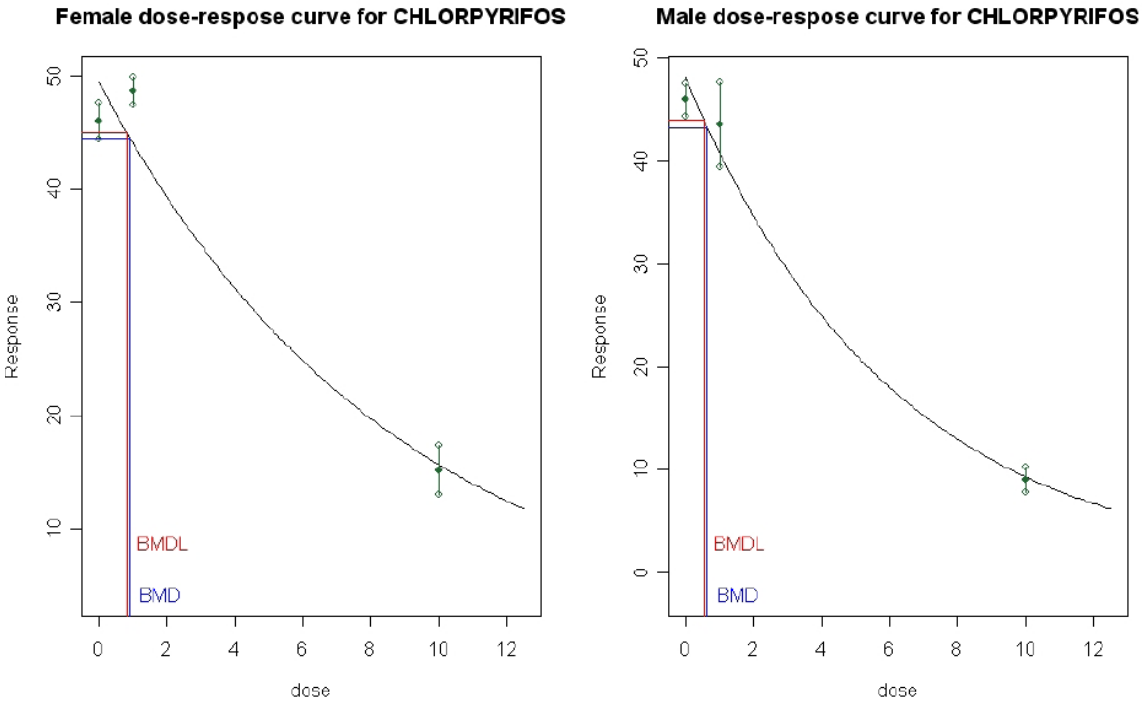
Che PND 12 brain 10% NO power
NO power parameter model
10% bmr
Brain PND 12
Chlorpyrifos timchalk data



FEMALE = 3 HR
MALE = 6 HR

Redundancy Analysis

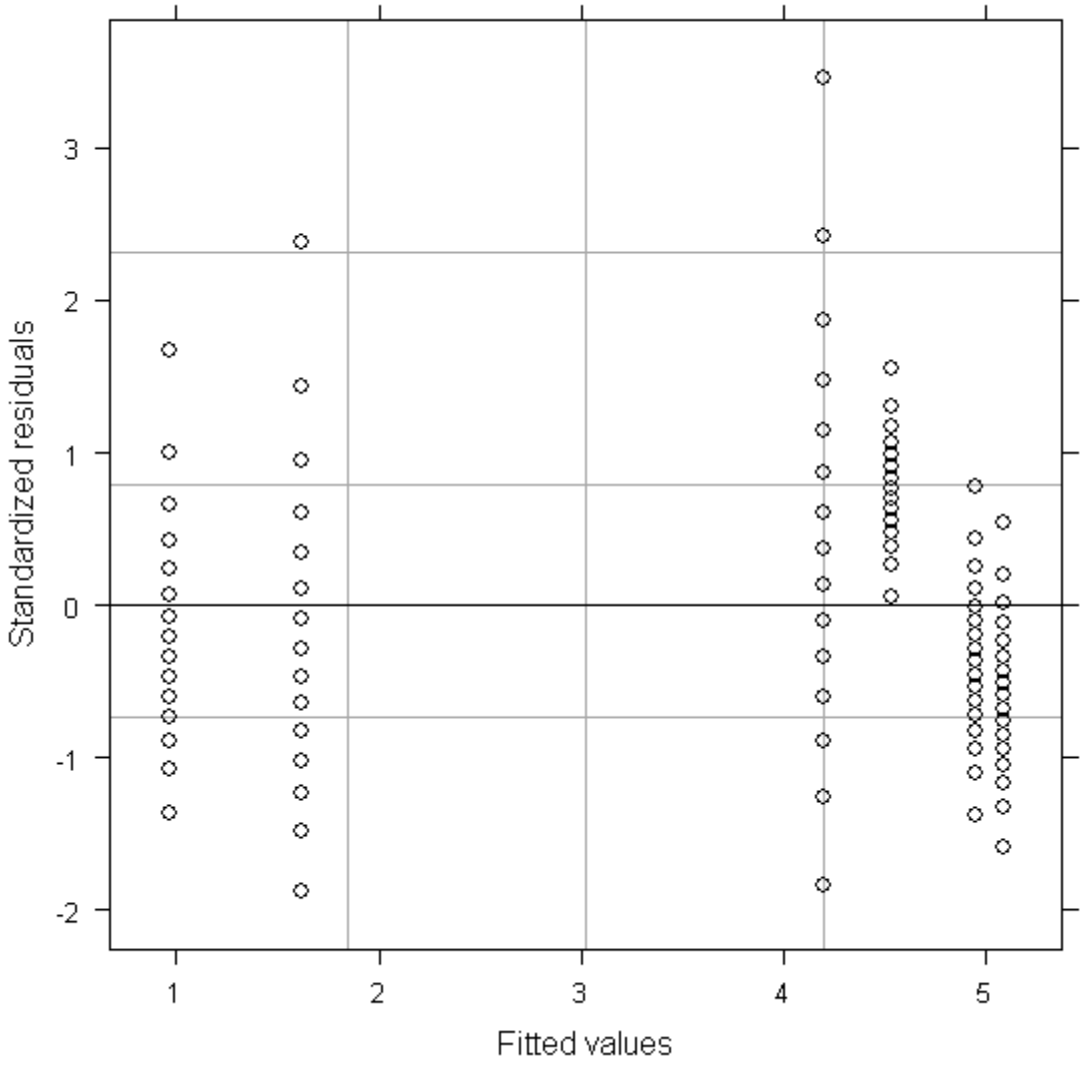
	1	2	3	4	5
CondIndex	9.899	2.872	1.763	1.575	1.000
mu	0.166	0.572	0.931	1.042	1.641
lA.sexF	0.228	0.111	0.283	0.372	0.006
lA.sexM	0.228	0.138	0.425	0.195	0.015
lD.(Intercept)	0.973	0.018	0.001	0.001	0.007
lD.sexM	0.003	0.917	0.004	0.032	0.044
lg	0.968	0.019	0.006	0.001	0.007

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

	Parms	Relative SE
lA.sexF	1.620	0.042
lA.sexM	1.590	0.047
lD.(Intercept)	-0.041	0.437
lD.sexM	-0.349	0.220
lg	-3.310	0.177

Mean Absolute Value of Gradient

	Val
lA.sexF	1.9055465
lA.sexM	1.7218670
lD.(Intercept)	0.7353390
lD.sexM	0.3608876
lg	1.4270233



***** USING WEIGHTED *****

KEEP FIRST MODEL WITH BMD DIFFERENT FOR MALES AND FEMALES.

AIC: 146.7739

Female intercept estimate (standard error): 5.088069(0.1219081)
Male intercept estimate (standard error): 4.944623(0.1222775)
Female BMD10 estimate (standard error): 0.918628(0.05729998)
Male BMD10 estimate (standard error): 0.6429778(0.06737973)

The confidence intervals for the variables are given by

	lower	est.	upper
Female Intercept	4.8554016	5.0880686	5.331885
Male Intercept	4.7115932	4.9446228	5.189178
Female BMD10	0.8167388	0.9186279	1.033228
Male BMD10	0.5288898	0.6429778	0.781676

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

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

Female Intercept	Male Intercept	Female BMDL10	Male BMDL10
4.8926894	4.7489160	0.8325841	0.5460283

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