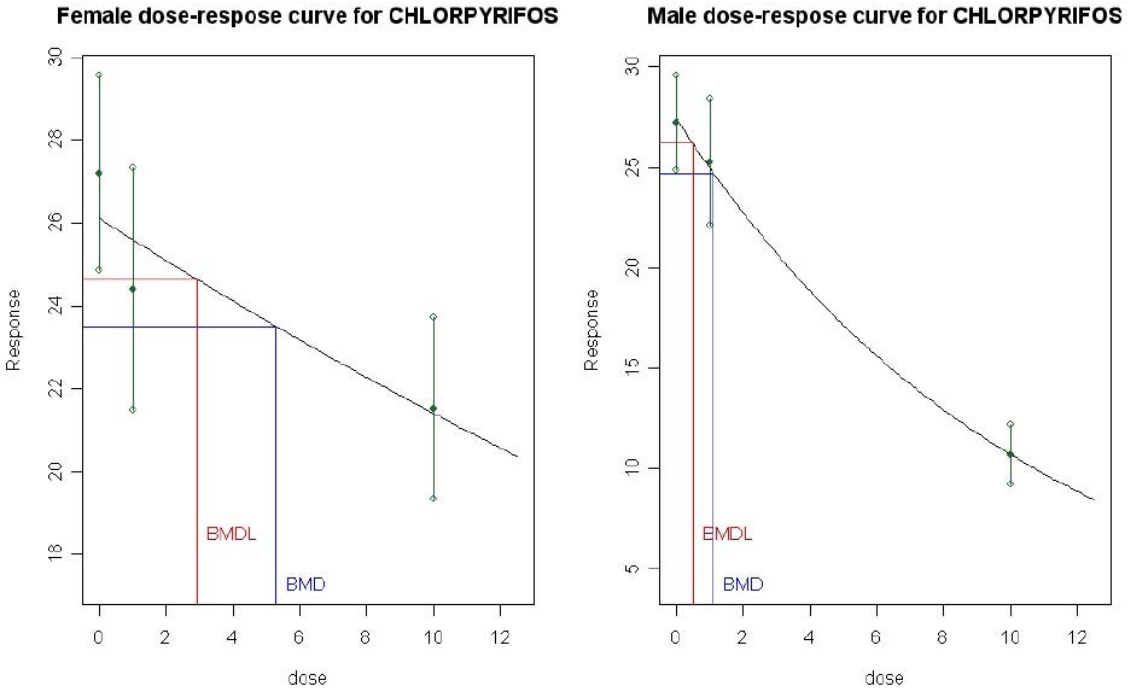
DRAFT

Che PND 17 RBC
NO power model
10% bmr
RBC PND 17
Chlorpyrifos timchalk



FEMALE = 3 HR
MALE = 6 HR

Redundancy Analysis

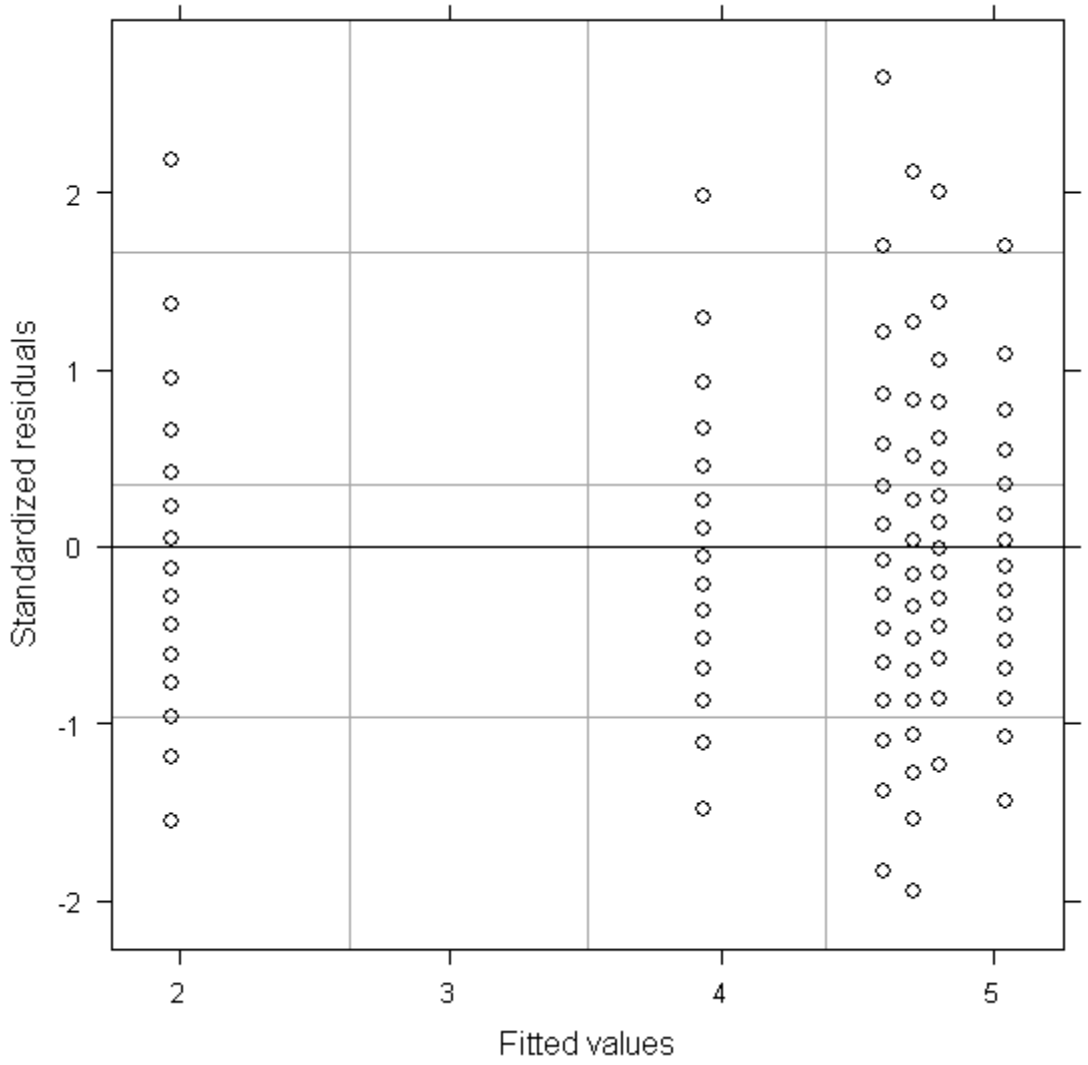
	1	2	3	4	5
CondIndex	12.044	7.609	1.934	1.730	1.000
mu	0.146	0.231	0.907	1.014	1.754
lA.sexF	0.008	0.376	0.026	0.589	0.001
lA.sexM	0.426	0.004	0.536	0.020	0.014
lD.(Intercept)	0.144	0.847	0.001	0.001	0.007
lD.sexM	0.752	0.243	0.001	0.000	0.004
lg	0.962	0.031	0.004	0.000	0.003

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

	Parms	Relative SE
lA.sexF	1.57	0.041
lA.sexM	1.62	0.051
lD.(Intercept)	1.66	0.467
lD.sexM	-1.54	0.651
lg	-3.27	0.335

Mean Absolute Value of Gradient

	Val
lA.sexF	2.2420763
lA.sexM	1.9403142
lD.(Intercept)	0.5276301
lD.sexM	0.3806163
lg	0.7934201



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

KEEP FIRST MODEL WITH BMD DIFFERENT FOR MALES AND FEMALES.

AIC: 236.5081

Female intercept estimate (standard error): 4.800137(0.1950226)
Male intercept estimate (standard error): 5.046541(0.2041270)
Female BMD10 estimate (standard error): 5.300722(2.713725)
Male BMD10 estimate (standard error): 1.119501(0.7431788)

The confidence intervals for the variables are given by

	lower	est.	upper
Female Intercept	4.4394042	4.800137	5.190182
Male Intercept	4.6688416	5.046541	5.454795
Female BMD10	2.6190530	5.300722	10.728173
Male BMD10	0.4127067	1.119501	3.036738

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

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

Female Intercept	Male Intercept	Female BMDL10	Male BMDL10
4.4964989	4.7286300	2.9391941	0.4857334