

# Report

**Analysis name:** BTX-3 muscle activity 2 sexes  
This report was generated by **Anonymous** on **8/7/2023 3:52:54 PM (CET)**. PROAST version 70.1

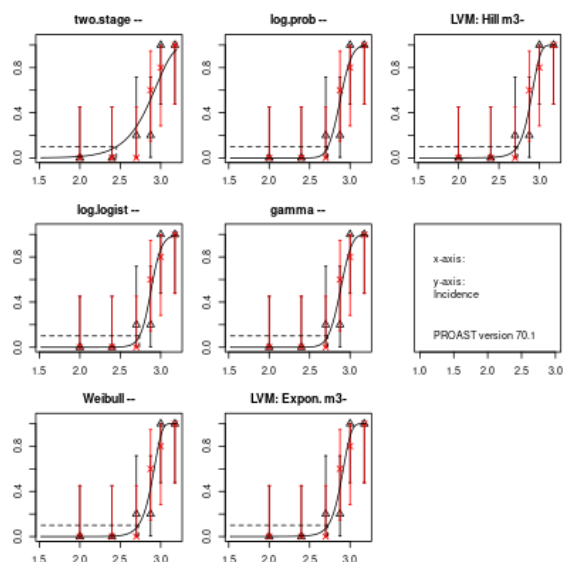
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## Input values

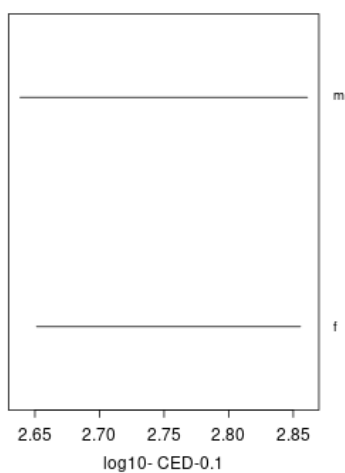
Removed data	No
Type of response data	Quantal
Dose column(s)	dose
Response column(s)	Incidence
Group size column(s)	N
Covariate column	Sex
Litter effect	No
BMR (CES)	0.1
Model averaging	Yes
Number of bootstrap runs	200
AIC criterion	2

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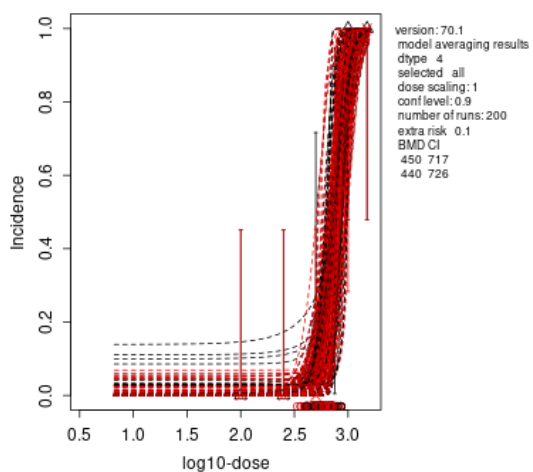
## Graphical output



BMD confidence intervals based on MA



bootstrap curves  
based on model averaging



## Fitted models

model	No.par	loglik	AIC	accepted	BMDL	BMDU	BMD	sens.subgr	conv
null	1	-40.38	82.76	NA	NA	NA	NA	NA	NA
full	12	-14.02	52.04	NA	NA	NA	NA	NA	NA
two.stage	3	-16.88	39.76	no	NA	NA	284	--	yes
log.logist	3	-13.67	33.34	yes	411	702	546	--	yes
Weibull	3	-13.32	32.64	yes	374	646	528	--	yes
log.prob	3	-13.65	33.3	yes	407	704	533	--	yes

model	No.par	loglik	AIC	accepted	BMDL	BMDU	BMD	sens.subgr	conv
gamma	3	-13.51	33.02	yes	394	694	531	--	yes
LVM: Expon. m3-	3	-13.36	32.72	yes	379	665	534	f	yes
LVM: Hill m3-	3	-13.37	32.74	yes	379	666	534	f	yes

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## Model weights

model	weight
two.stage	0.0055
log.logist	0.1358
Weibull	0.1926
log.prob	0.1385
gamma	0.1593
EXP	0.1851
HILL	0.1832

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## BMD confidence interval based on model averaging

Sex	BMDL	BMDU
f	448	717
m	435	726

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