I. Results

An overview of the BMDL and BMDU values of DMAC are provided in Table 1 and Table 2, and NEP in Table 59 and Table 60. For each analysed endpoint and study the detailed results of the BMD analysis are shown in sections II (DMAC) and III (NEP).

The detailed results contain:

- Brief general description and table of the dose-response data;
- List of the models fitted, including number of parameters (No.par) in the model, log-likelihood (loglik), and Akaike information criterion (AIC); detailed explanation can be found in EFSA (2017);
- Plots of the selected models from each model family (visualization);
- Weights of the models for model averaging;
- Plot of the model average fit;
- The BMDL and BMDU values based on model averaging;
- And if necessary, the rationale of extra analysis. An extra analysis may be needed when an initial analysis leads to implausible or unlikely results, or to improve the estimation of BMDs.

II. Dose-response analysis of DMAC

Table 1: Overview of BMDL and BMDU derived from inhalation studies for DMAC. All values are rounded to two significant numbers. BMDU values larger than 1×10^6 are indicated by Inf(inity) for readability. The applied benchmark response for quantal data is in terms of extra risk. BMDL/U values are in italic when the BMDU/BMDL ratio is larger than a factor of 10. Subgroups in Malley et al. (1995) are indicated by sex, exposure duration, and species (for instance 12 months study for male rat is m.12.rat).

Study	Endpoint	BMR	Subgroups	BMDL (mg/m^3)	BMDU (mg/m^3)
DuPont (1994); Malley et al. (1995)(inhalation)	Relative liver weight	5%[a]	f.12.rat	150	730
			f.18.mouse	160	710
			f.24.rat	160	720
			m.12.rat	150	720
			m.18.mouse	160	710
			m.24.rat	150	760
		10%[a]	f.12.rat	470	1100
			f.18.mouse	490	1100
			f.24.rat	480	1100
			m.12.rat	470	1100
			m.18.mouse	480	1100
			m.24.rat	470	1200
	Hepatic focal cystic degeneration	10%[b]	f.24.rat	*1390*	Inf
			m.24.rat	*2.0*	*810*
	Biliary hyperplasia	NA	f.24.rat	No significant trend	
			m.24.rat	No significant trend	
	Hepatic Kupffer cell pigment accumulation	10%[b]	f.18.mouse	*140*	*3800*
			f.24.rat	270	1200
			m.18.mouse	65	450

			m.24.rat	180	600
	Hepatic peliosis	NA	f.24.rat	No significant trend	
			m.24.rat	No significant trend	
	Centrilobular hepatocellular hypertrophy	10%[b]	f.18.mouse	*1300*	*20000*
			m.18.mouse	1000	1200
	Hepatic single cell necrosis	10%[b]	f.18.mouse	660	1800
			m.18.mouse	490	3000
BASF (1989); Klimisch and Hellwig (2000); Okuda et al. (2006)(inhalation)	Foetal body weight	5%[a]	BASF (1989); Klimisch and Hellwig (2000)	1400	1900
			Okuda et al. (2006)	730	900
		10%[a]	BASF (1989); Klimisch and Hellwig (2000)	2000	2600
			Okuda et al. (2006)	1000	1200
	Foetal external malformation	1%[b]	BASF (1989); Klimisch and Hellwig (2000)	1700	2100
			Okuda et al. (2006)	1800	2200
		10%[b]	BASF (1989); Klimisch and Hellwig (2000)	2200	2700
			Okuda et al. (2006)	2200	2800
	Foetal visceral malformation	1%[b]	BASF (1989); Klimisch and Hellwig (2000)	280	2400
			Okuda et al. (2006)	760	1300
		10%[b]	BASF (1989); Klimisch and Hellwig (2000)	1900	4600
			Okuda et al. (2006)	1400	1700
	Foetal cardiovascular malformation	1%[b]	BASF (1989); Klimisch and Hellwig (2000)	550	1900
			Okuda et al. (2006)	750	1300
	Foetal skeletal malformation	1%[b]	BASF (1989); Klimisch and Hellwig (2000)	320	1900
			Okuda et al. (2006)	340	1600
		10%[b]	BASF (1989); Klimisch and Hellwig (2000)	2000	6100

			Okuda et al. (2006)	1900	4700
BASF (1989); Klimisch and Hellwig (2000)(inhalation)	Foetal visceral variation	10%[b]	NA	320	1400
BASF (1989); Klimisch and Hellwig (2000)(inhalation)	Foetal skeletal variation	10%[b]	NA	430	1200

[a] continuous data are analysed, therefore the BMR relates to a percentage change in mean response;[b] quantal data are analysed, therefore the BMR relates to a percentage increase in extra risk NA: relevant information is not available

Table 2: Overview of BMDL and BMDU derived from oral studies for DMAC. All values are rounded to two significant numbers. Subgroups in Monsanto (1980) are indicated by sex and exposure duration. For instance 12 months study for male (rat) is m.12.

Study	**Endpoint**	**BMR**	**Subgroups**	**BMDL (mg/kg bw/day)**	**BMDU (mg/kg bw/day**
Monsanto (1980)(oral)	Relative liver weight	5%[a]	f.12	4.4	29
			f.24	11	86
			f.6	3.7	19
			m.12	2.5	14
			m.24	3.8	29
			m.6	2	10
		10%[a]	f.12	22	98
			f.24	53	310
			f.6	19	57
			m.12	13	46
			m.24	19	97
			m.6	10	32
Monsanto (1993)(oral)	Hypertrophy/hyperplasia	10%[b]	f	220	260
			m	220	260
	Vesiculated/vacuolated hepatocellular cytoplasm	10%[b]	f	47	170
			m	48	180
	Hepatocellular necrosis	10%[b]	f	430	2800
			m	120	570
	Intracytoplasmic brown pigment	10%[b]	f	610	970
			m	350	590
DuPont (1997)(oral)	Foetal body weight	5%[a]	NA	120	190
		10%[a]	NA	170	240
	Foetal external malformation	1%[b]	NA	170	310
		10%[b]	NA	300	370
	Foetal visceral malformation	1%[b]	NA	140	290
		10%[b]	NA	230	350
	Foetal head malformation	1%[b]	NA	92	150
		10%[b]	NA	210	270
	Foetal skeletal malformation	1%[b]	NA	220	370
		10%[b]	NA	410	580

[a] continuous data are analysed, therefore the BMR relates to a percentage change in mean response; [b] quantal data are analysed, therefore the BMR relates to a percentage increase in extra risk NA: relevant information is not available

DuPont (1994); Malley et al. (1995)

1. Relative liver weight

Table 3: Data used for the BMD analysis of relative liver weight

Species	Dose (mg/m³)	Sex	Exposure duration (month)	Relative liver weight (%)	Standard deviation	Group size
rat	0	m	12	2.86	0.53	10
rat	90	m	12	2.92	0.32	10
rat	360	m	12	3.03	0.40	10
rat	1260	m	12	3.15	0.33	10
rat	0	f	12	2.68	0.23	10
rat	90	f	12	2.97	0.38	10
rat	360	f	12	3.30	0.47	10
rat	1260	f	12	3.42	0.32	10
rat	0	m	24	2.95	0.23	17
rat	90	m	24	3.01	0.41	14
rat	360	m	24	3.59	1.34	17
rat	1260	m	24	3.95	0.84	23
rat	0	f	24	3.47	0.32	10
rat	90	f	24	3.28	0.42	18
rat	360	f	24	3.51	0.39	15
rat	1260	f	24	3.83	0.49	19
mouse	0	m	18	5.89	0.90	28
mouse	90	m	18	5.85	0.96	35
mouse	360	m	18	6.03	0.85	33
mouse	1260	m	18	6.39	0.67	25
mouse	0	f	18	5.49	1.01	48
mouse	90	f	18	5.75	0.79	46
mouse	360	f	18	5.46	0.79	43
mouse	1260	f	18	6.44	0.68	42

Based on the data in Table 3, BMD analyses were carried out for 5% and 10% BMR (model averaging, 1000 bootstrap runs) initially using model 3 or 5 from various families of models. The fitted models are listed below, the result are shown in Table 4 and Table 6. According to these results, if taking BMDL as the PoD, female rat would become more insensitive to DMAC with the increase of exposure time, i.e. BMDL of female rat 24 months (377 mg/m^3) is higher than female rat 12 months (31.9 mg/m^3) for the analysis of 5% BMR. However, for male rat

the sensitivity to DMAC increases with exposure time (BMDL of male rat 12 months is 456 and that of male rat 24 months is 60.5 mg/m^3). This appears rather odd from a biological point of view and lead to a detailed examination of the initial analyses.

In the initial analysis, the dose-response curve flattens at 30% as shown in Visualization, i.e. parameter *c* equals 1.3. This means that for the endpoint of relative liver weight, the estimated maximum fold-change is 30% only. The maximum fold-change of an endpoint is a characteristics of the endpoint and is compound-independent. Previous analyses of relative liver weight data of many studies with different compounds found that the maximum fold-change thereof is about a factor 2.3 to 3.0 (Slob, 2017; Slob & Setzer, 2014). Therefore the estimated maximum fold-change of 1.3 here seems faulty and the analysis leading to a *c* of 1.3 may be incorrect, because the dose-response curves of female rat 12 months and male rat 24 months may continue to increase after the highest administrated dose.

A possible explanation can be as follows: in the approach of model averaging, the model of the best fit (lowest AIC) from each model family is chosen for generating the averaged model. But since experimental data always contain errors (e.g. sampling error and experimental error), a better fit of the data does not necessarily mean a better description of the 'true' dose-response relationship. It could therefore be argued that choosing a model with less good fit could lead to a more realistic description of the 'true' dose-response relationship in some cases. From the list of fitted models, it can be seen that model m5-abv has the lowest AIC among the exponential model family, and models m3 have a less good fit. But because model m5 lead to faulty estimation of parameter *c* (which possibly due to errors in the experimental data), choosing m3 which does not estimate parameter *c* seems to be a rational solution to prevent the model from fitting the errors rather than describing a plausible dose-response relationship. Based on this argument, an additional BMD analyses with only model 3 from various nested family of models in PROAST is performed. The results are shown in Table 5 and Table 7. These results also show that different subgroups are now equally sensitive to DMAC (the differences of the BMD confidence intervals between subgroups are marginal), which appears to be more biologically plausible. The results in Table 5 and Table 7 are therefore used instead of the initial results (obtained with model m5).

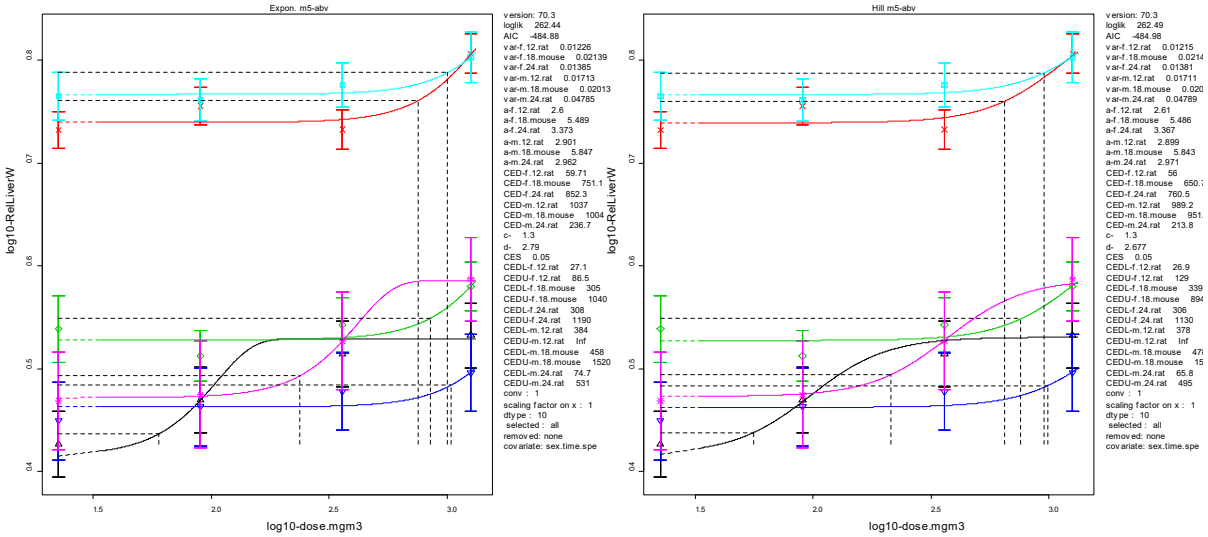
a. BMR = 5%

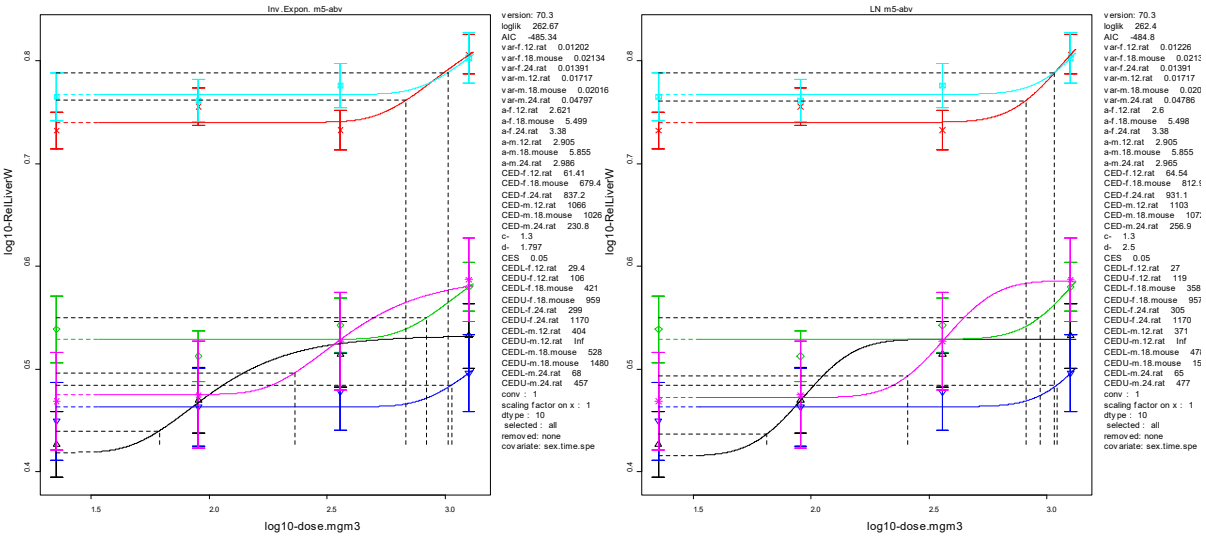
Fitted models

model	loglik	No.par	AIC
full model	246.29	25	-442.58
full-v	268.13	30	-476.26

model	loglik	No.par	AIC
null model-v	-57.39	7	128.78
null model-a-v	216.96	12	-409.92
Expon. m3-v	-41.96	9	101.92
Expon. m3-av	253.72	14	-479.44
Expon. m3-abv	258.09	19	-478.18
Expon. m5-av	253.72	15	-477.44
Expon. m5-abv	262.44	20	-484.88
Hill m3-av	253.72	14	-479.44
Hill m3-abv	258.09	19	-478.18
Hill m5-av	253.72	15	-477.44
Hill m5-abv	262.49	20	-484.98
Inv.Expon. m3-av	253.59	14	-479.18
Inv.Expon. m3-abv	258.33	19	-478.66
Inv.Expon. m5-av	253.55	15	-477.1
Inv.Expon. m5-abv	262.67	20	-485.34
LN m3-av	253.65	14	-479.3
LN m3-abv	258.22	19	-478.44
LN m5-av	253.63	15	-477.26
LN m5-abv	262.4	20	-484.8

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2342	0.2462	0.2947	0.225

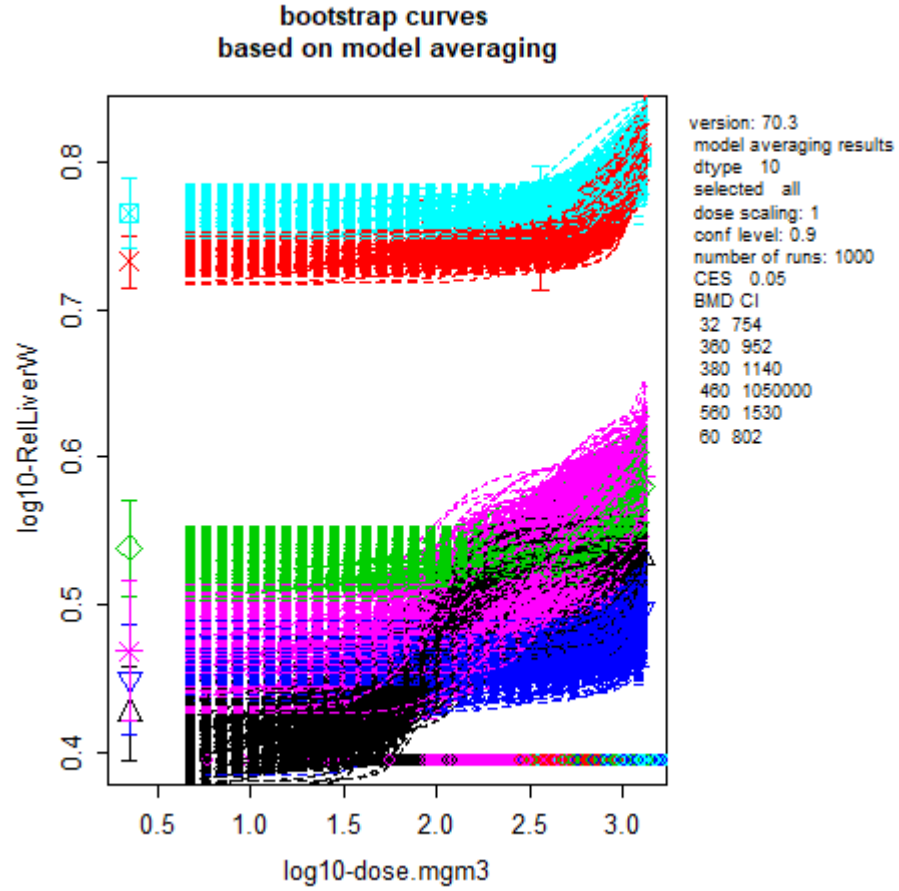


Table 4: The model-average BMD confidence interval based on 5% BMR

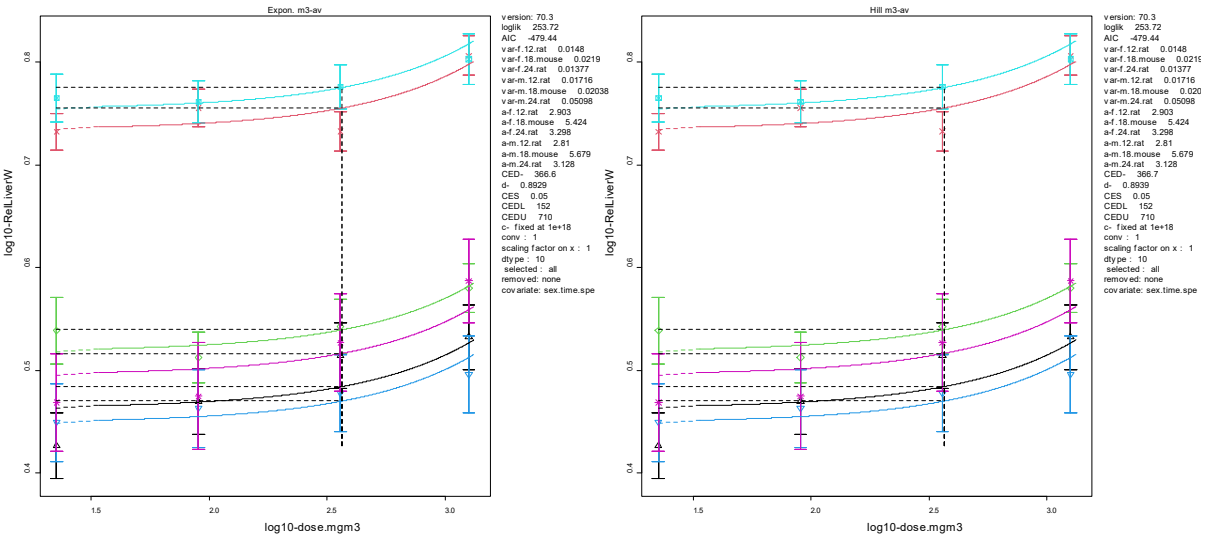
Sex.duration.species	BMD lower limit	BMD upper limit
f.12.rat	31.9	754
f.18.mouse	361	952
f.24.rat	377	1140
m.12.rat	456	1050000
m.18.mouse	556	1530
m.24.rat	60.5	802

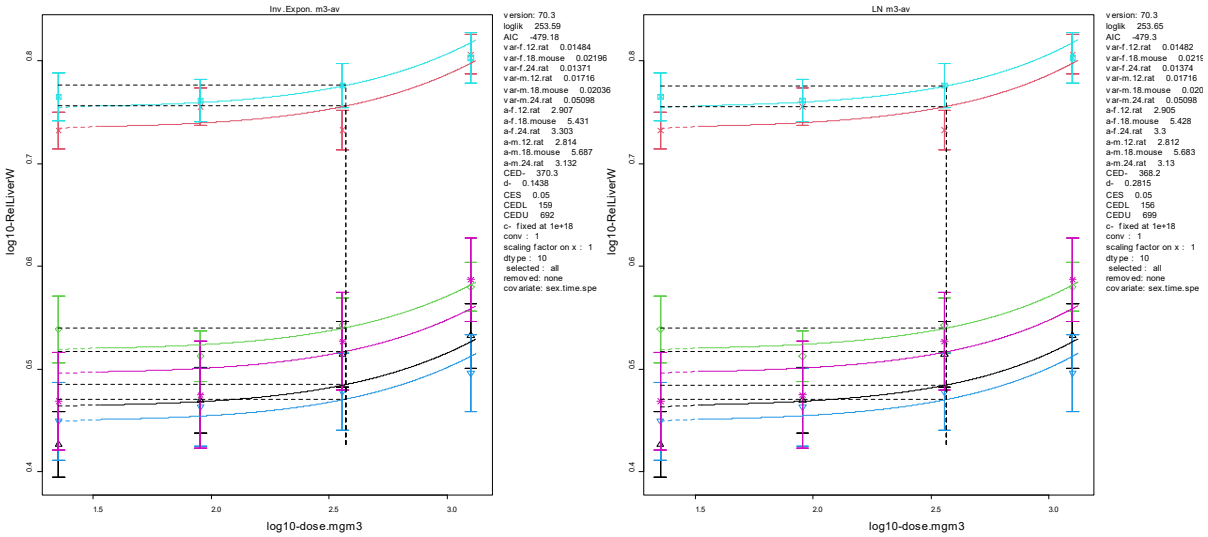
SECOND ANALYSIS (only model 3 from various nested family of models in model averaging)

Fitted models

model	loglik	No.par	AIC
full model	246.29	25	-442.58
full-v	268.13	30	-476.26
null model-v	-57.39	7	128.78
null model-a-v	216.96	12	-409.92
Expon. m3-v	-41.96	9	101.92
Expon. m3-av	253.72	14	-479.44
Expon. m3-abv	258.09	19	-478.18
Hill m3-av	253.72	14	-479.44
Hill m3-abv	258.09	19	-478.18
Inv.Expon. m3-av	253.59	14	-479.18
Inv.Expon. m3-abv	258.33	19	-478.66
LN m3-av	253.65	14	-479.3
LN m3-abv	258.22	19	-478.44

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2624	0.2624	0.2304	0.2447

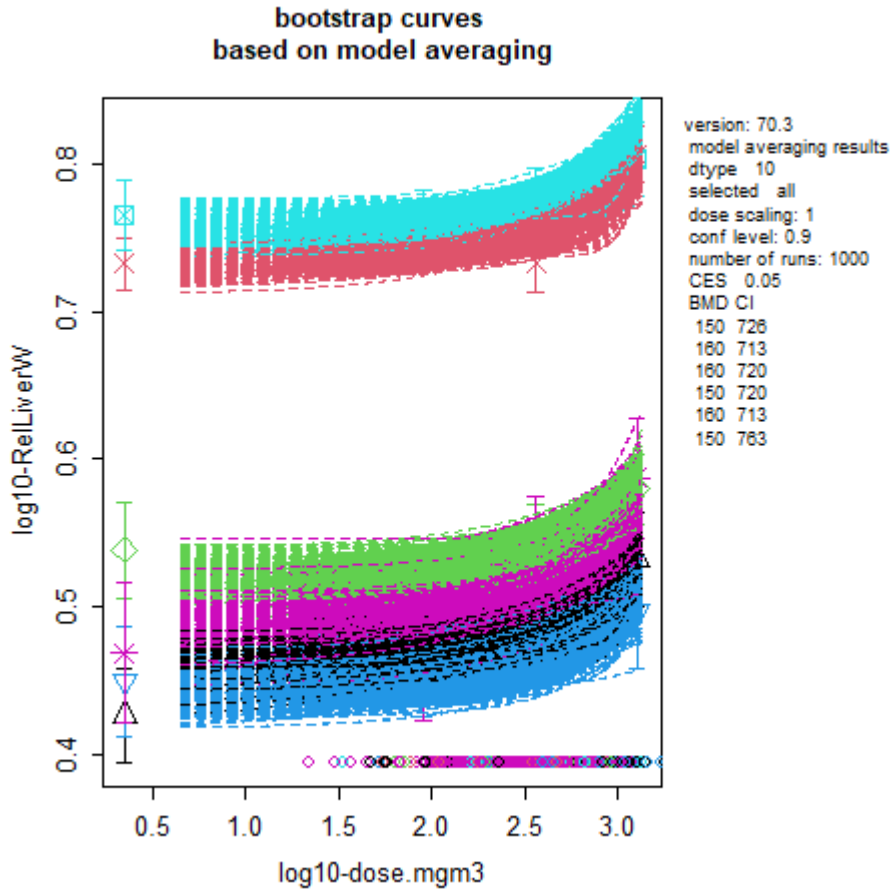


Table 5: The model-average BMD confidence interval based on 5% BMR. Model m5 is not considered in the model averaging

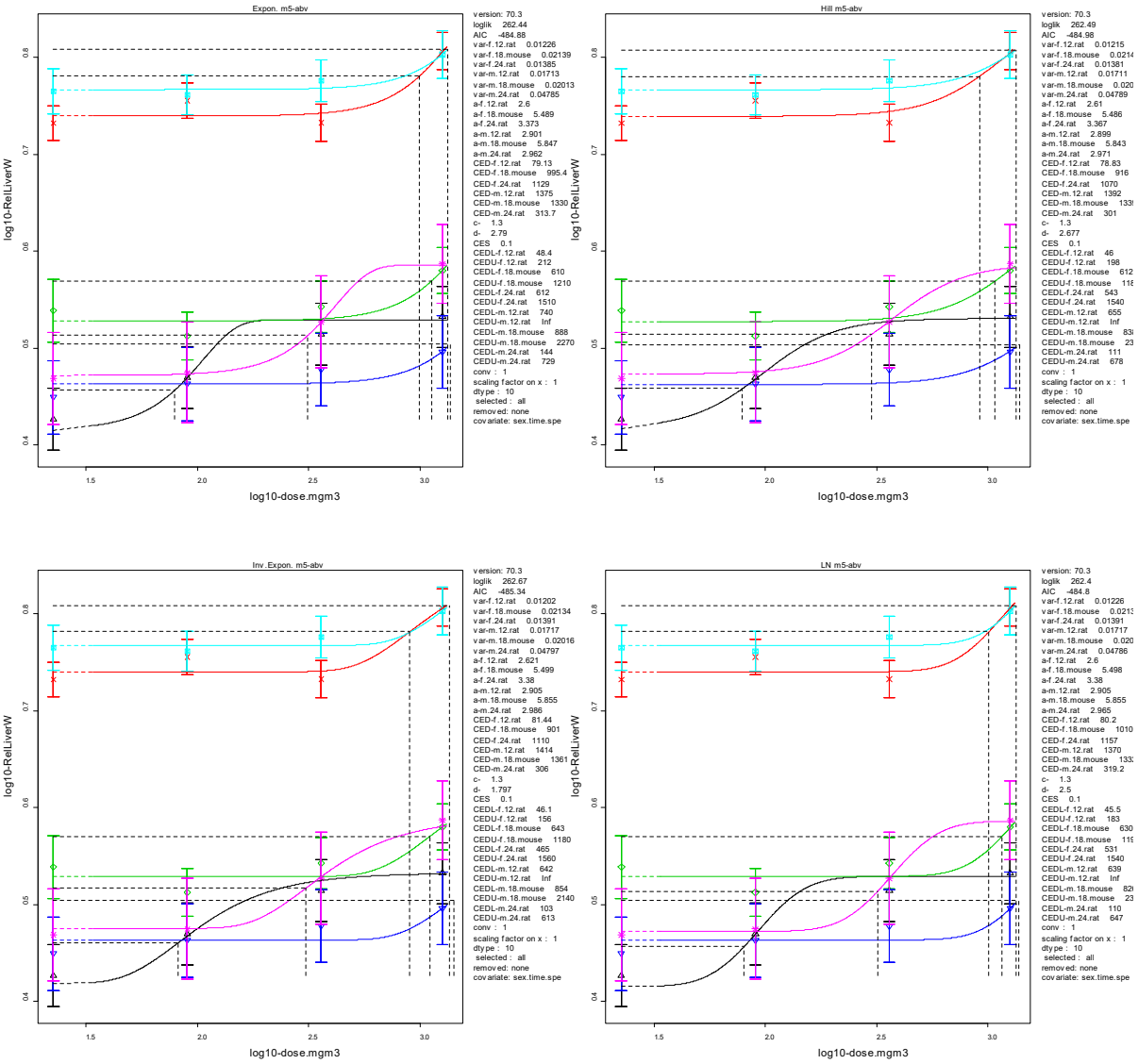
Sex.duration.species	BMD lower limit	BMD upper limit
f.12.rat	152	726
f.18.mouse	159	713
f.24.rat	158	720
m.12.rat	152	720
m.18.mouse	155	713
m.24.rat	149	763

b. BMR = 10%

Fitted models

model	loglik	No.par	AIC
full model	246.29	25	-442.58
full-v	268.13	30	-476.26
null model-v	-57.39	7	128.78
null model-a-v	216.96	12	-409.92
Expon. m3-v	-41.96	9	101.92
Expon. m3-av	253.72	14	-479.44
Expon. m3-abv	258.09	19	-478.18
Expon. m5-av	253.72	15	-477.44
Expon. m5-abv	262.44	20	-484.88
Hill m3-av	253.72	14	-479.44
Hill m3-abv	258.09	19	-478.18
Hill m5-av	253.72	15	-477.44
Hill m5-abv	262.49	20	-484.98
Inv.Expon. m3-av	253.59	14	-479.18
Inv.Expon. m3-abv	258.33	19	-478.66
Inv.Expon. m5-av	253.55	15	-477.1
Inv.Expon. m5-abv	262.67	20	-485.34
LN m3-av	253.65	14	-479.3
LN m3-abv	258.22	19	-478.44
LN m5-av	253.63	15	-477.26
LN m5-abv	262.4	20	-484.8

Visualization



Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2342	0.2462	0.2947	0.225

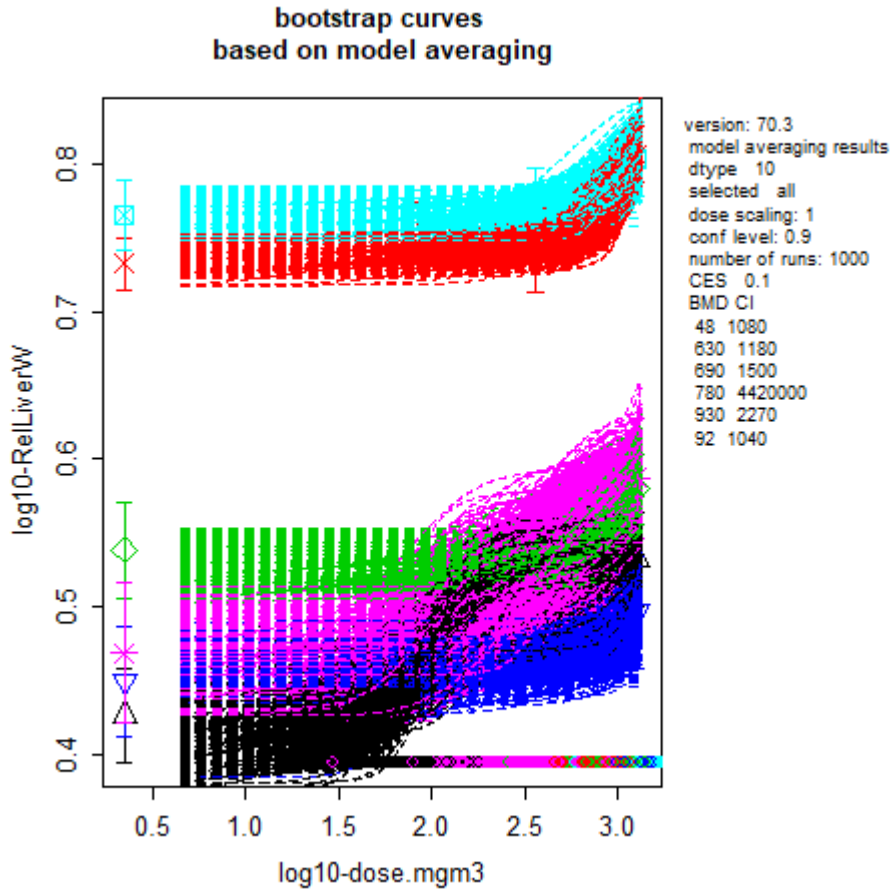


Table 6: The model-average BMD confidence interval based on 10% BMR

Sex.duration.species	BMD lower limit	BMD upper limit
f.12.rat	47.8	1080
f.18.mouse	632	1180
f.24.rat	687	1500
m.12.rat	775	4420000
m.18.mouse	930	2270
m.24.rat	92.4	1040

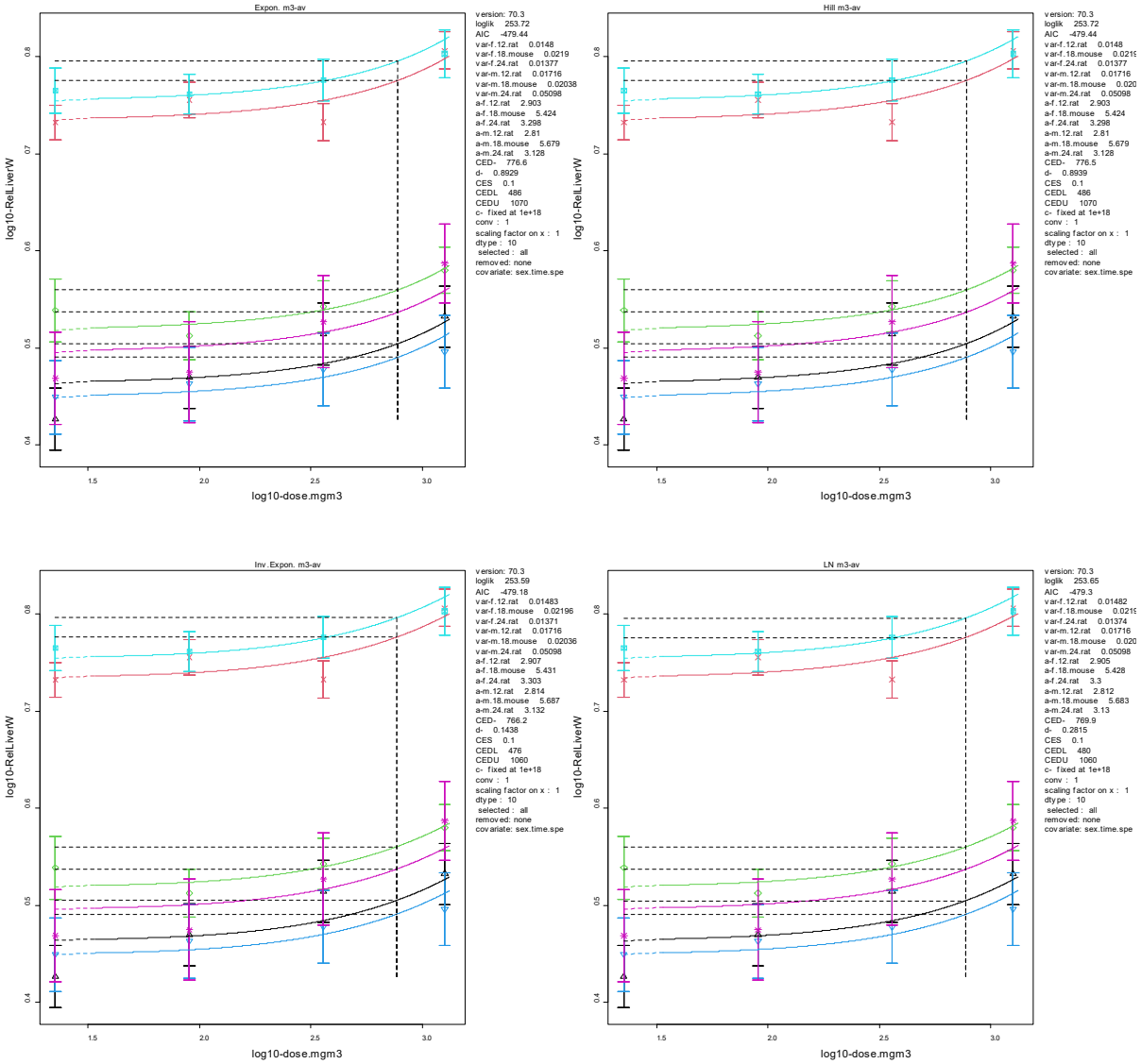
SECOND ANALYSIS (only model 3 from various nested family of models in model averaging)

Fitted models

model	loglik	No.par	AIC
full model	246.29	25	-442.58
full-v	268.13	30	-476.26
null model-v	-57.39	7	128.78
null model-a-v	216.96	12	-409.92
Expon. m3-v	-41.96	9	101.92
Expon. m3-av	253.72	14	-479.44
Expon. m3-abv	258.09	19	-478.18
Hill m3-av	253.72	14	-479.44

model	loglik	No.par	AIC
Hill m3-abv	258.09	19	-478.18
Inv.Expon. m3-av	253.59	14	-479.18
Inv.Expon. m3-abv	258.33	19	-478.66
LN m3-av	253.65	14	-479.3
LN m3-abv	258.22	19	-478.44

Visualization



Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2624	0.2624	0.2304	0.2447

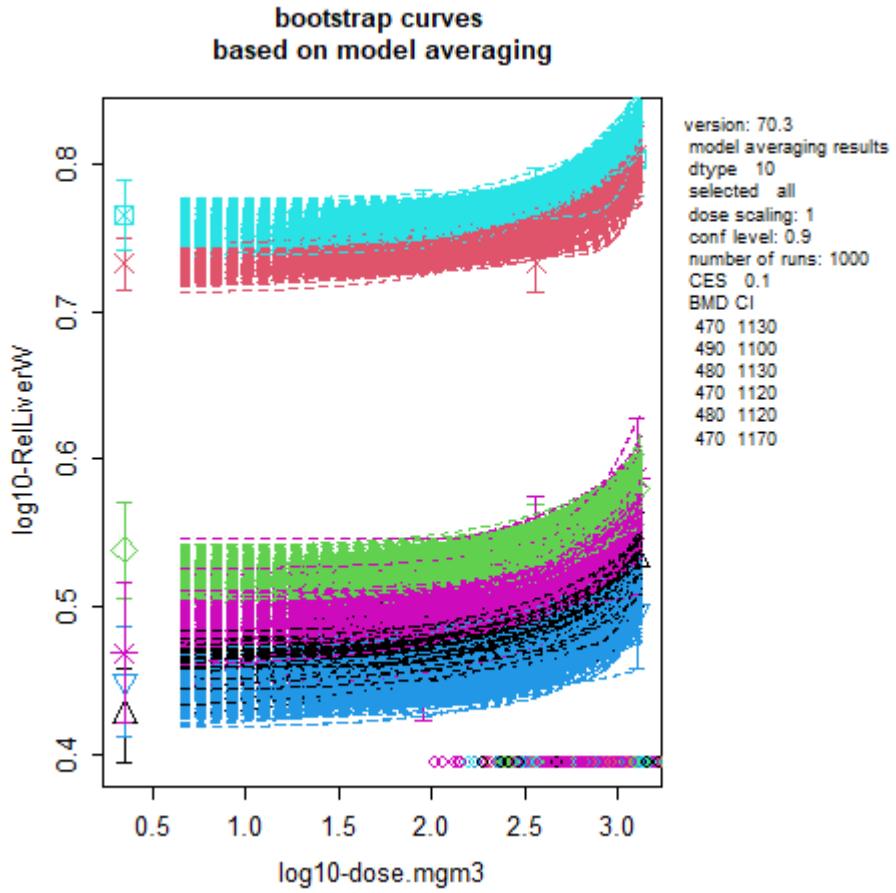


Table 7: The model-average BMD confidence interval based on 10% BMR. Model m5 is not considered in the model averaging

Sex.duration.species	BMD lower limit	BMD upper limit
f.12.rat	470	1130
f.18.mouse	493	1100
f.24.rat	479	1130
m.12.rat	473	1120
m.18.mouse	483	1120
m.24.rat	466	1170

2. Hepatic focal cystic degeneration

Table 8: Data used for the BMD analysis of hepatic focal cystic degeneration of rat. Exposure duration is 24 months

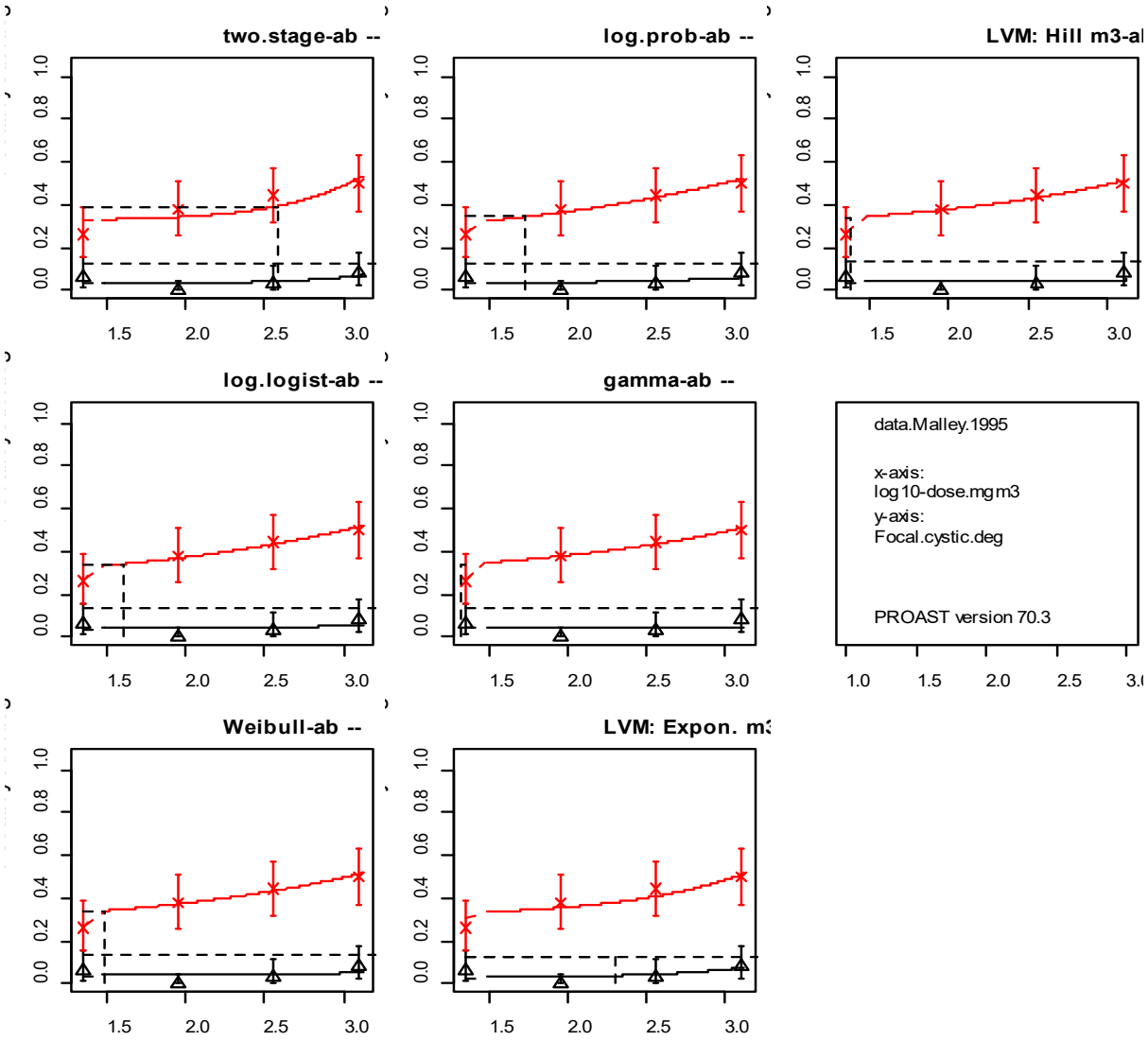
Dose (mg/m3)	Sex	Incidence hepatic focal cystic degeneration	Group size
0	m	17	65
90	m	24	63
360	m	28	63
1260	m	31	62

0	f	4	62
90	f	0	62
360	f	2	62
1260	f	5	64

Fitted models

model	No.par	loglik	AIC
null	2	-214.89	433.78
full	8	-206.69	429.38
two.stage-ab	5	-211.13	432.26
log.logist-ab	5	-210.47	430.94
Weibull-ab	5	-210.53	431.06
log.prob-ab	5	-210.19	430.38
gamma-ab	5	-210.57	431.14
LVM: Expon. m3-a	4	-210.94	429.88
LVM: Hill m3-ab	5	-210.57	431.14

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0709	0.1372	0.1292	0.1815	0.1241	0.233	0.1241

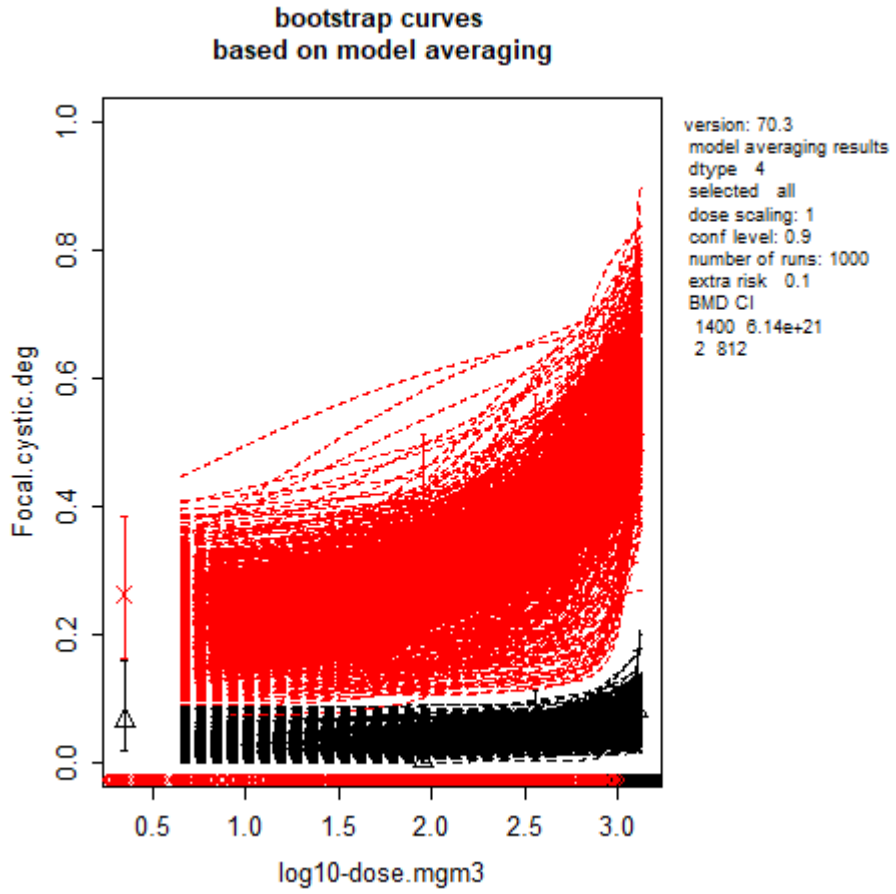


Table 9: The model-average BMD confidence interval based on 10% BMR

Sex	BMD lower limit	BMD upper limit
f	1390	6.14×10^{21}
m	2.03	812

3. Biliary hyperplasia

Table 10: Data used for the BMD analysis of biliary hyperplasia of rat. Exposure duration is 24 months

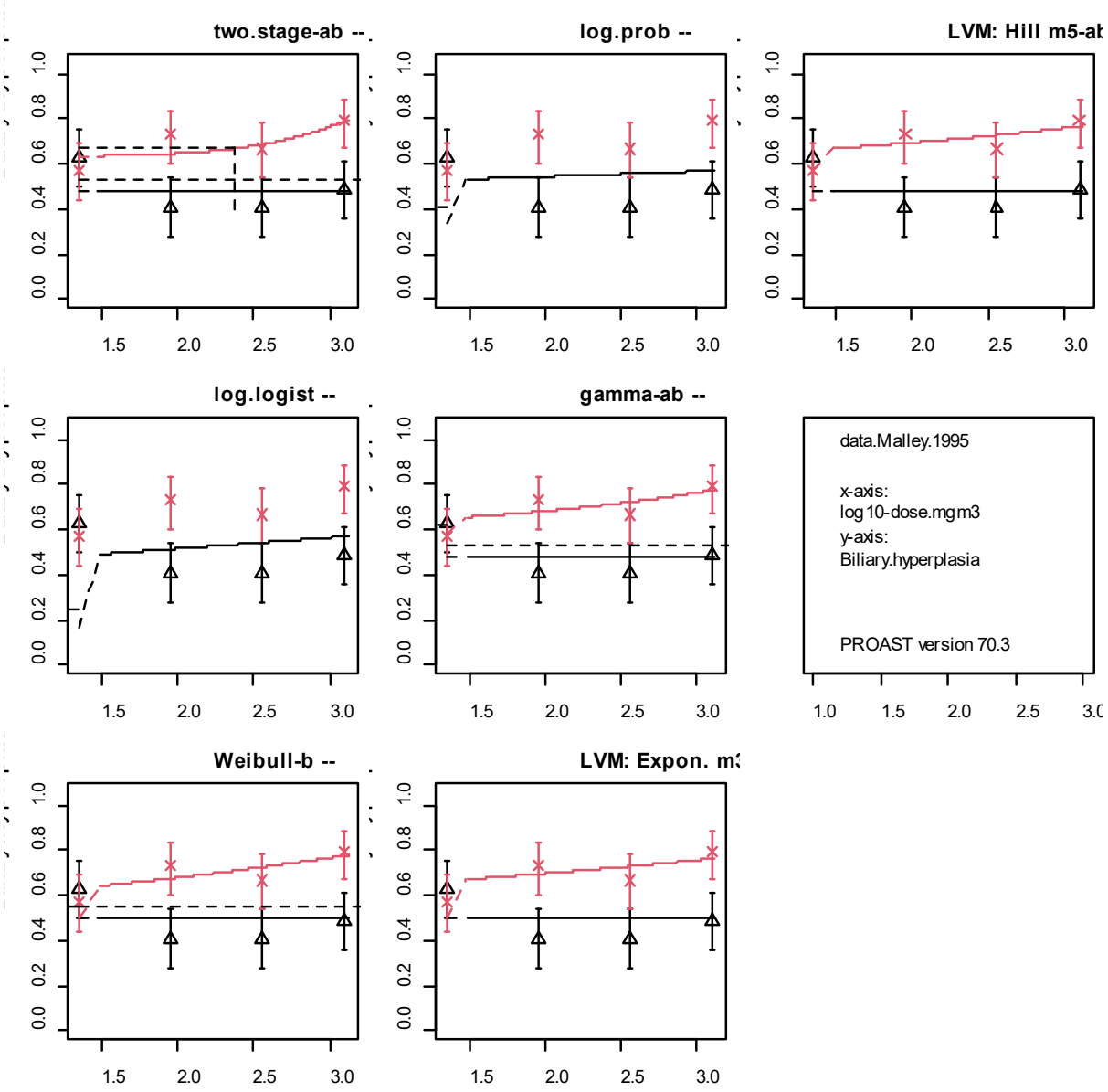
Dose (mg/m3)	Sex	Incidence biliary hyperplasia	Group size
0	m	37	65
90	m	46	63
360	m	42	63
1260	m	49	62
0	f	39	62
90	f	25	62
360	f	25	62
1260	f	31	64

Fitted models

model	No.par	loglik	AIC
null	2	-330.17	664.34
full	8	-321.93	659.86
two.stage-ab	5	-327.79	665.58
log.logist	3	-404.27	814.54
Weibull-b	4	-328.11	664.22
log.prob	3	-359.37	724.74
Gamma-ab	5	-327.13	664.26
LVM: Expon. m3-b	4	-327.93	663.86
LVM: Hill m3-ab	6	-327.08	666.16

According to the BMD analysis, there is no significant dose-response relationship.

Visualization



4. Hepatic Kupffer cell pigment accumulation

Table 11: Data used for BMD analysis of incidence hepatic Kupffer cell pigment accumulation of rat and mouse

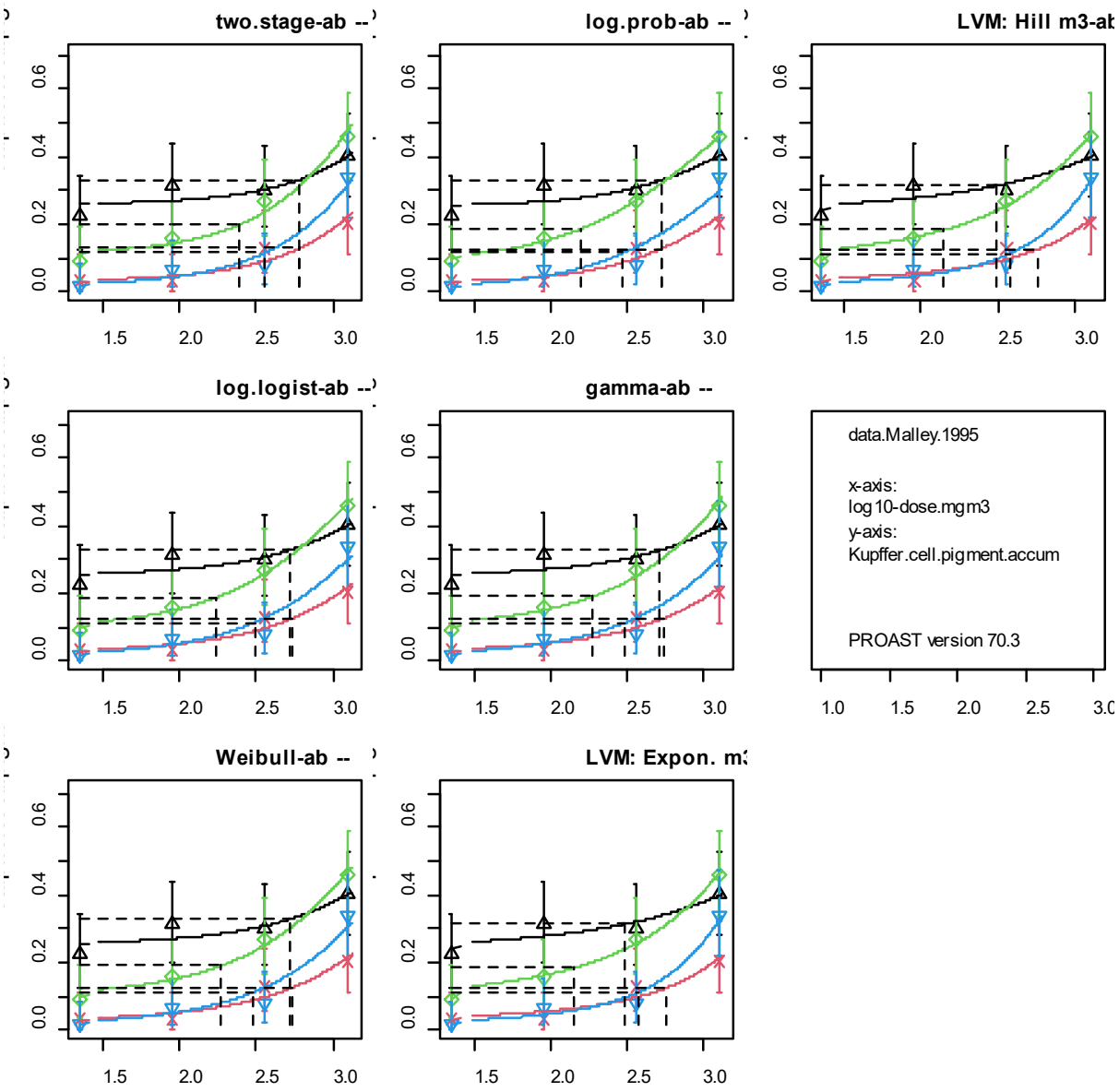
Species	Dose (mg/m^3)	Sex	Exposure duration	Incidence hepatic Kupffer cell pigment accumulation	Group size
rat	0	m	24	1	65
rat	90	m	24	4	63
rat	360	m	24	5	63
rat	1260	m	24	21	62
rat	0	f	24	2	62
rat	90	f	24	2	62
rat	360	f	24	8	62
rat	1260	f	24	13	64

Species	Dose (mg/m^3)	Sex	Exposure duration	Incidence hepatic Kupffer cell pigment accumulation	Group size
mouse	0	m	18	6	64
mouse	90	m	18	10	64
mouse	360	m	18	17	64
mouse	1260	m	18	30	65
mouse	0	f	18	14	63
mouse	90	f	18	20	64
mouse	360	f	18	19	63
mouse	1260	f	18	26	65

Fitted models

model	No.par	loglik	AIC
null	4	-476.33	960.66
full	16	-436.03	904.06
two.stage-ab	9	-438.37	894.74
log.logist-ab	9	-438.18	894.36
Weibull-ab	9	-438.13	894.26
log.prob-ab	9	-438.37	894.74
gamma-ab	9	-438.13	894.26
LVM: Expon. m3-ab	9	-437.61	893.22
LVM: Hill m3-ab	9	-437.61	893.22

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0997	0.1206	0.1268	0.0997	0.1268	0.2132	0.2132

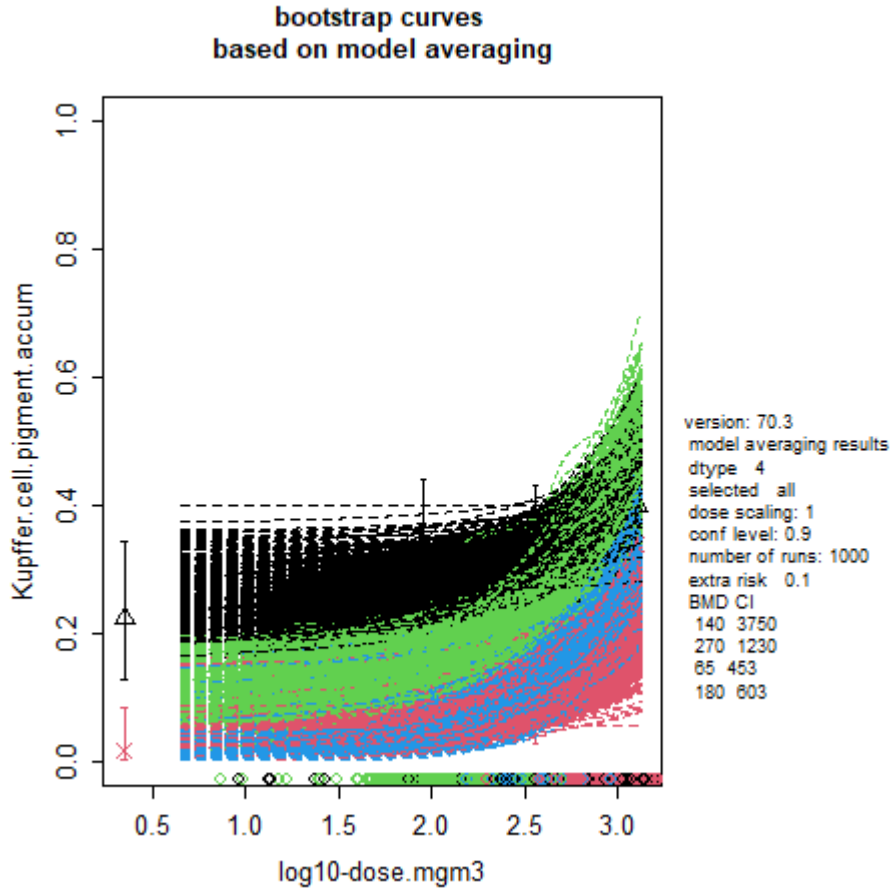


Table 12: The model-average BMD confidence interval based on 10% BMR

Sex.duration.species	BMD lower limit	BMD upper limit
f.18.mouse	144	3750
f.24.rat	271	1230
m.18.mouse	65	453
m.24.rat	183	603

5. Hepatic peliosis

Table 13: Data used for the BMD analysis of hepatic peliosis of rat. Exposure duration is 24 months

Dose (mg/m3)	Sex	Incidence hepatic peliosis	Group size
0	m	3	65
90	m	2	63
360	m	7	63

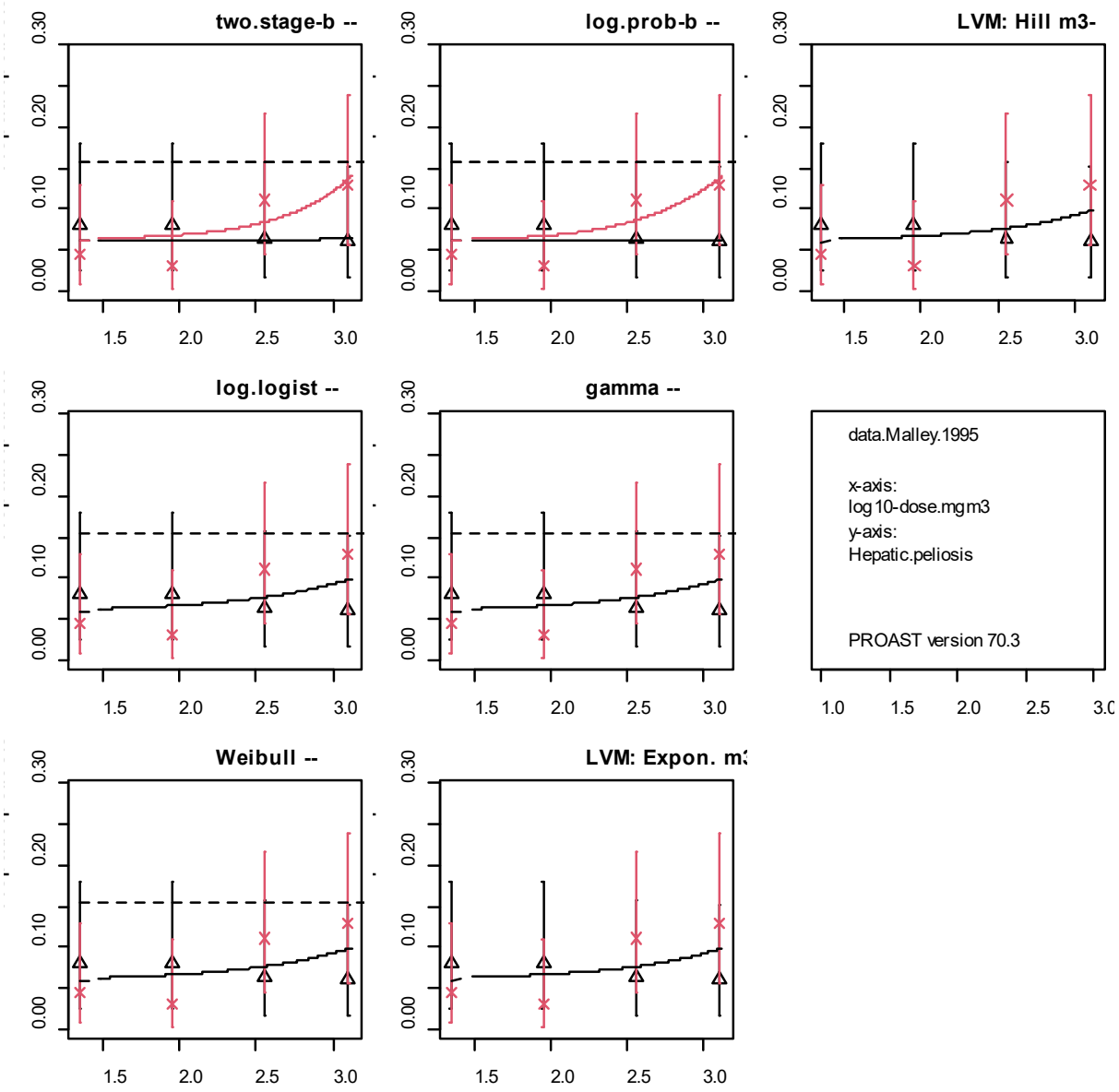
Dose (mg/m3)	Sex	Incidence hepatic peliosis	Group size
1260	m	8	62
0	f	5	62
90	f	5	62
360	f	4	62
1260	f	4	64

Fitted models

model	No.par	loglik	AIC
null	1	-134.68	271.36
full	8	-131.40	278.80
two.stage-b	4	-132.97	273.94
log.logist	3	-133.94	273.88
Weibull	3	-133.94	273.88
log.prob-b	4	-132.91	273.82
gamma	3	-133.94	273.88
LVM: Expon. m3-	3	-133.95	273.90
LVM: Hill m3-	3	-133.95	273.90

According to the BMD analysis, there is no significant dose-response relationship.

Visualization



6. Centrilobular hepatocellular hypertrophy

Table 14: Data used for the BMD analysis of centrilobular hepatocellular hypertrophy of mouse. Exposure duration is 18 months

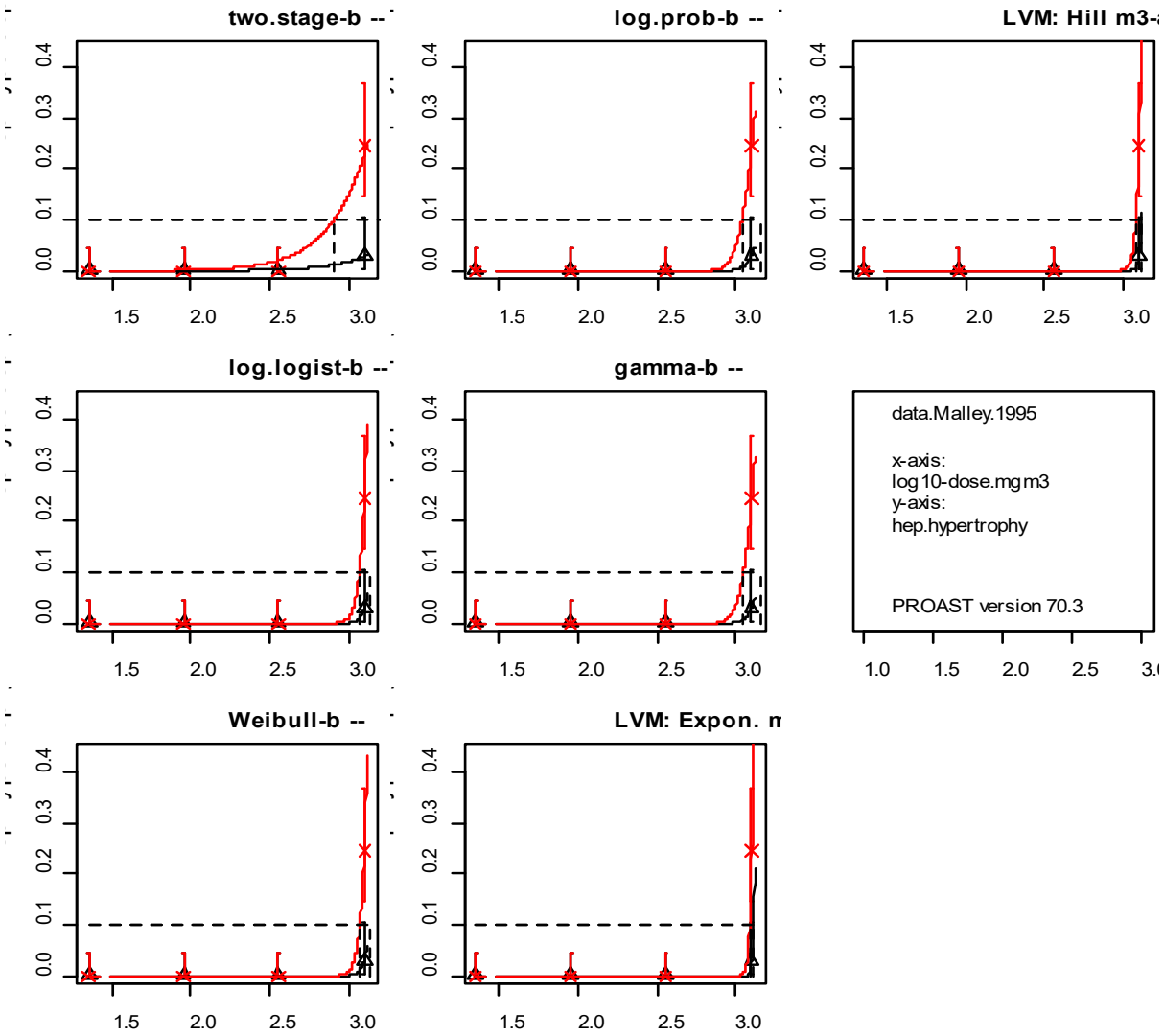
Dose (mg/m3)	Sex	Incidence centrilobular hepatocellular hypertrophy	Group size
0	m	0	64
90	m	0	64
360	m	0	64
1260	m	16	65
0	f	0	63
90	f	0	64
360	f	0	63

Dose (mg/m3)	Sex	Incidence centrilobular hepatocellular hypertrophy	Group size
1260	f	2	65

Fitted models

model	No.par	loglik	AIC
null	2	-71.6	147.2
full	8	-45.21	106.42
two.stage-b	4	-46.87	101.74
log.logist-b	4	-45.21	98.42
Weibull-b	4	-45.21	98.42
log.prob-b	4	-45.21	98.42
gamma-b	4	-45.21	98.42
LVM: Expon. m3-a	4	-45.21	98.42
LVM: Hill m3-a	4	-45.21	98.42

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0307	0.1615	0.1615	0.1615	0.1615	0.1615	0.1615

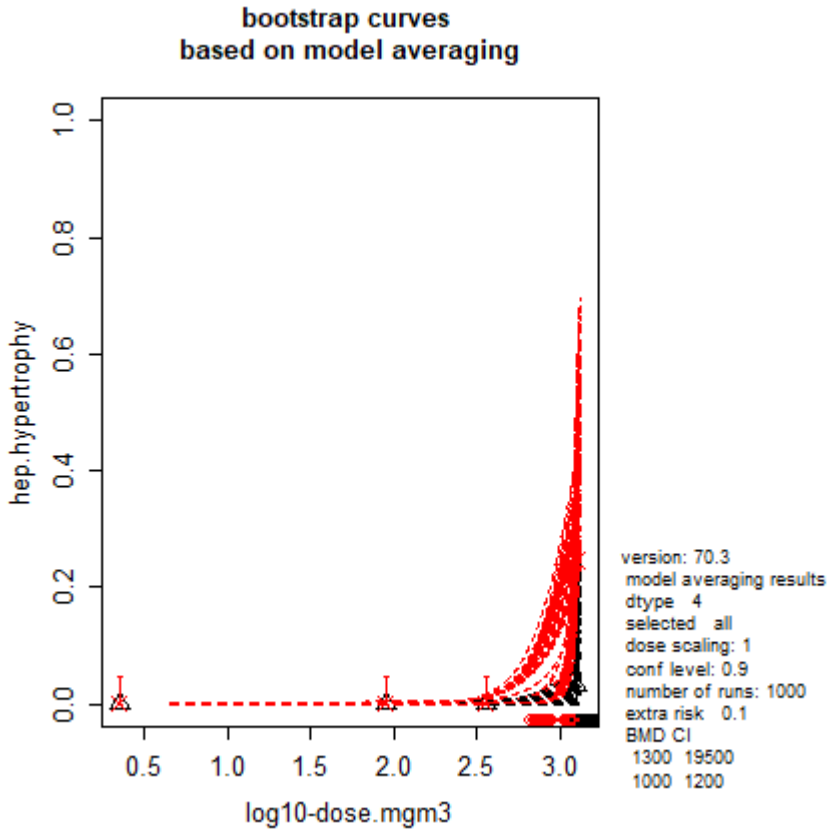


Table 15: The model-average BMD confidence interval based on 10% BMR

Sex	BMD lower limit	BMD upper limit
f	1290	19500
m	1040	1200

7. Hepatic single cell necrosis

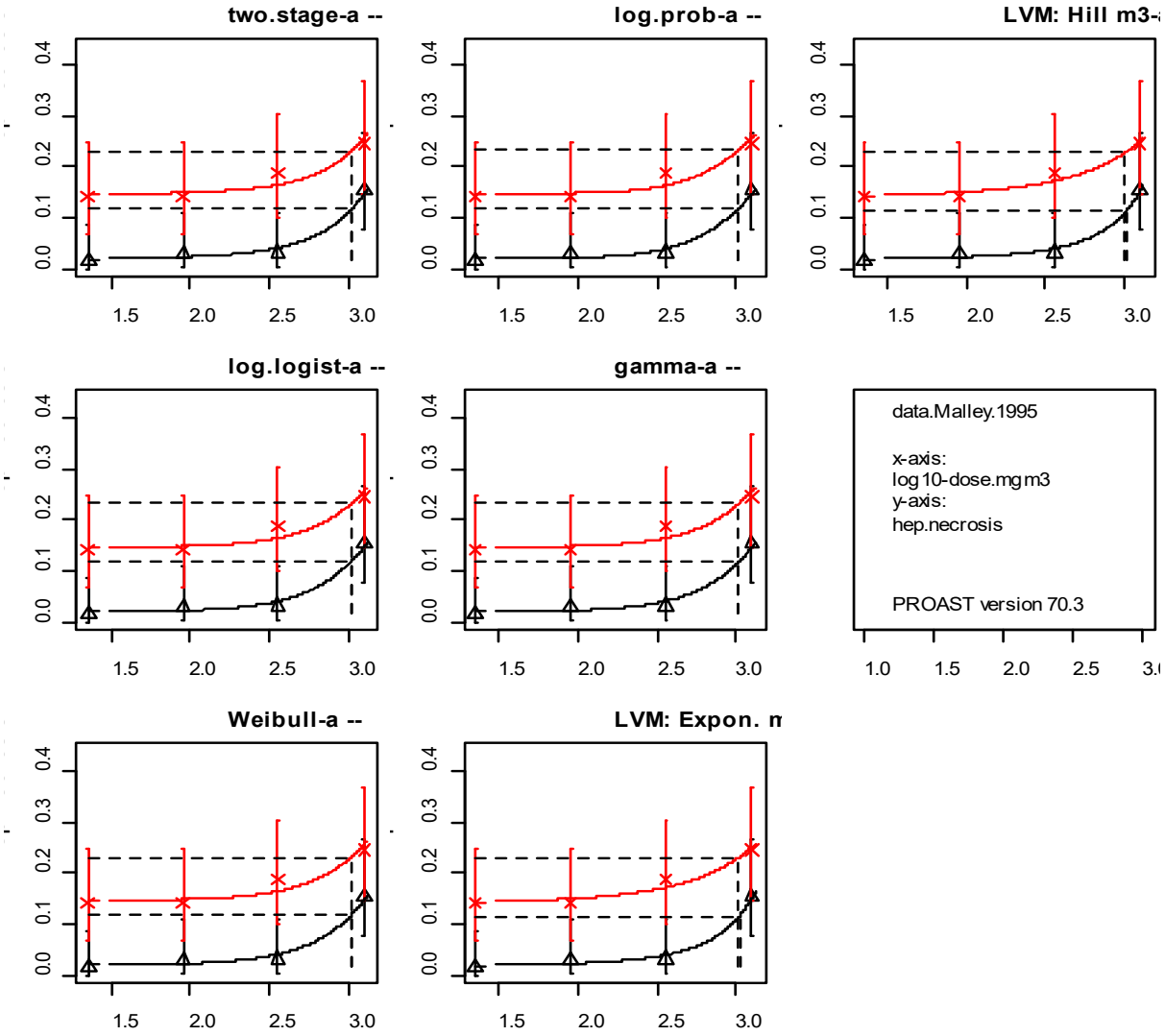
Table 16: Data used for analysis the BMD analysis of hepatic single cell necrosis of mouse. Exposure duration is 18 months

Dose (mg/m3)	Sex	Incidence hepatic single cell necrosis	Group size
0	m	9	64
90	m	9	64
360	m	12	64
1260	m	16	65
0	f	1	63
90	f	2	64
360	f	2	63
1260	f	10	65

Fitted models

model	No.par	loglik	AIC
null	2	-177.8	359.6
full	8	-169.95	355.9
two.stage-a	4	-170.3	348.6
log.logist-a	4	-170.32	348.64
Weibull-a	4	-170.32	348.64
log.prob-a	4	-170.35	348.7
gamma-a	4	-170.33	348.66
LVM: Expon. m3-ab	5	-170.18	350.36
LVM: Hill m3-ab	5	-170.18	350.36

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.1751	0.1716	0.1716	0.1665	0.1699	0.0726	0.0726

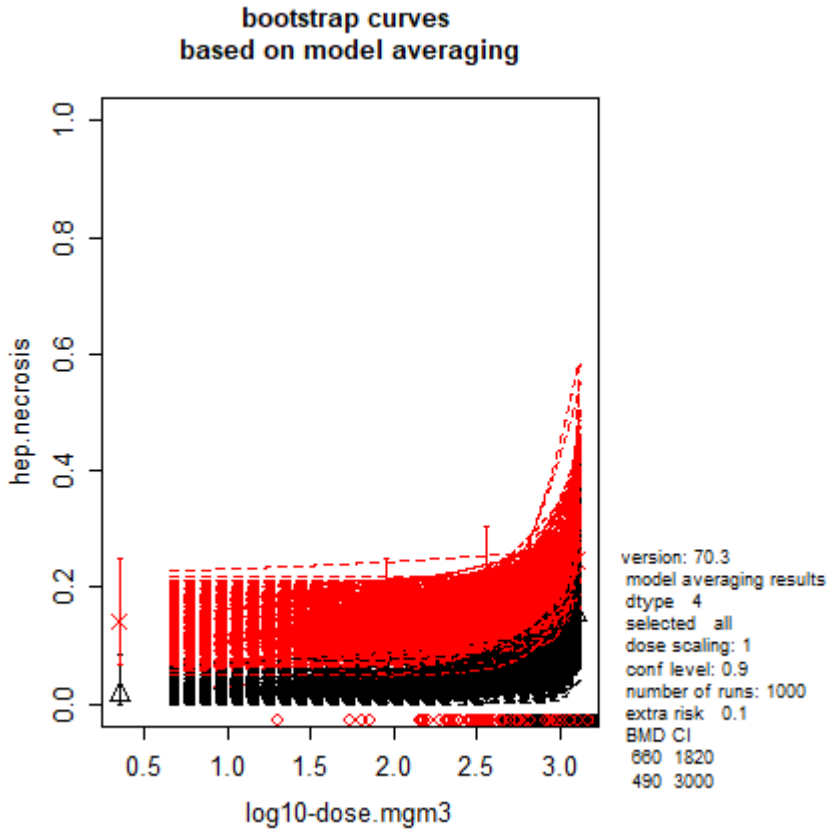


Table 17: The model-average BMD confidence interval based on 10% BMR

Sex	**BMD lower limit**	**BMD upper limit**
f	658	1820
m	489	3000

Okuda et al. (2006) and BASF (1989); Klimisch and Hellwig (2000)

1. Foetal body weight

Table 18: Data used for analysis. Exposure duration is gestation day 6 or 7 through 19 (i.e. day.6.19 or day.7.19). Exposure route is inhalation

Study	Species	Exposure duration	Dose (mg/m³)	Sex	Foetal body weight (g)	Standard deviation	Group size
BASF (1989); Klimisch and Hellwig (2000)	rabbit	day7.19	0	mix	41.4	4.13	66
	rabbit	day7.19	200	mix	37.5	3.86	85
	rabbit	day7.19	700	mix	38.4	3.32	94
	rabbit	day7.19	2000	mix	35.9	3.74	78
Okuda et al. (2006)	rat	day6.19	0	m	3.9	0.21	74
	rat	day6.19	360	m	3.89	0.2	78
	rat	day6.19	1080	m	3.52	0.21	63
	rat	day6.19	1620	m	3.11	0.19	69
	rat	day6.19	2160	m	2.53	0.26	40
	rat	day6.19	0	f	3.67	0.16	67
	rat	day6.19	360	f	3.7	0.14	59
	rat	day6.19	1080	f	3.36	0.17	67
	rat	day6.19	1620	f	2.89	0.23	62
	rat	day6.19	2160	f	2.46	0.48	59

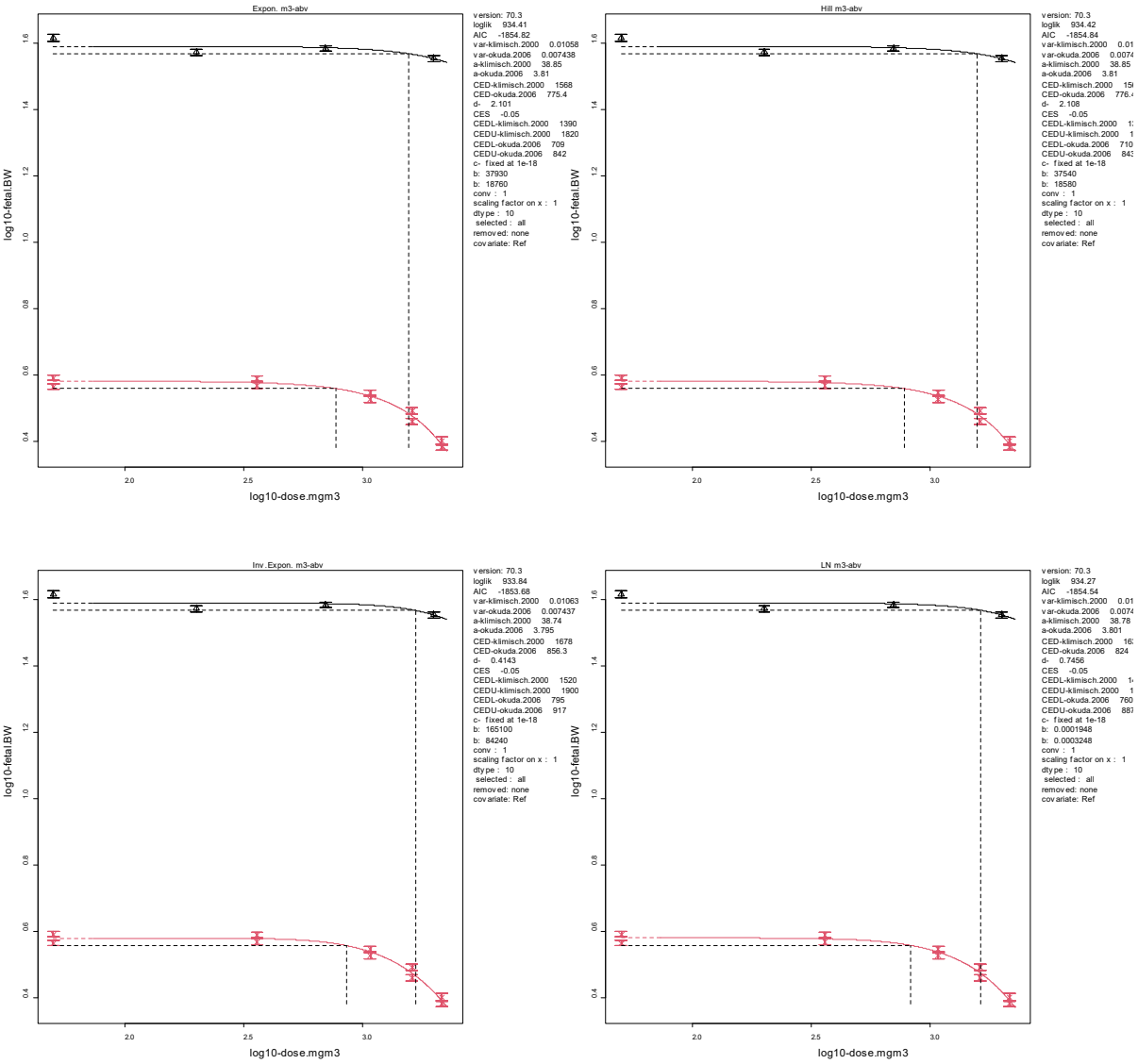
a. BMR = 5%

Fitted models

model	loglik	No.par	AIC
full model	982.6	15	-1935.2
full-v	989.6	16	-1947.2
null model-v	-550.08	3	1106.16
null model-a-v	454.54	4	-901.08
Expon. m3-v	-83.73	5	177.46
Expon. m3-av	812.19	6	-1612.38
Expon. m3-abv	934.41	7	-1854.82
Expon. m5-av	812.1	7	-1610.2
Expon. m5-abv	934.42	8	-1852.84
Hill m3-av	812.14	6	-1612.28
Hill m3-abv	934.42	7	-1854.84
Hill m5-av	811.98	7	-1609.96
Hill m5-abv	934.42	8	-1852.84
Inv.Expon. m3-av	809.32	6	-1606.64
Inv.Expon. m3-abv	933.84	7	-1853.68

model	loglik	No.par	AIC
Inv.Expon. m5-av	808.34	7	-1602.68
Inv.Expon. m5-abv	933.42	8	-1850.84
LN m3-av	810.65	6	-1609.3
LN m3-abv	934.27	7	-1854.54
LN m5-av	810.13	7	-1606.26
LN m5-abv	934.13	8	-1852.26

Visualization



Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2903	0.2932	0.1642	0.2524

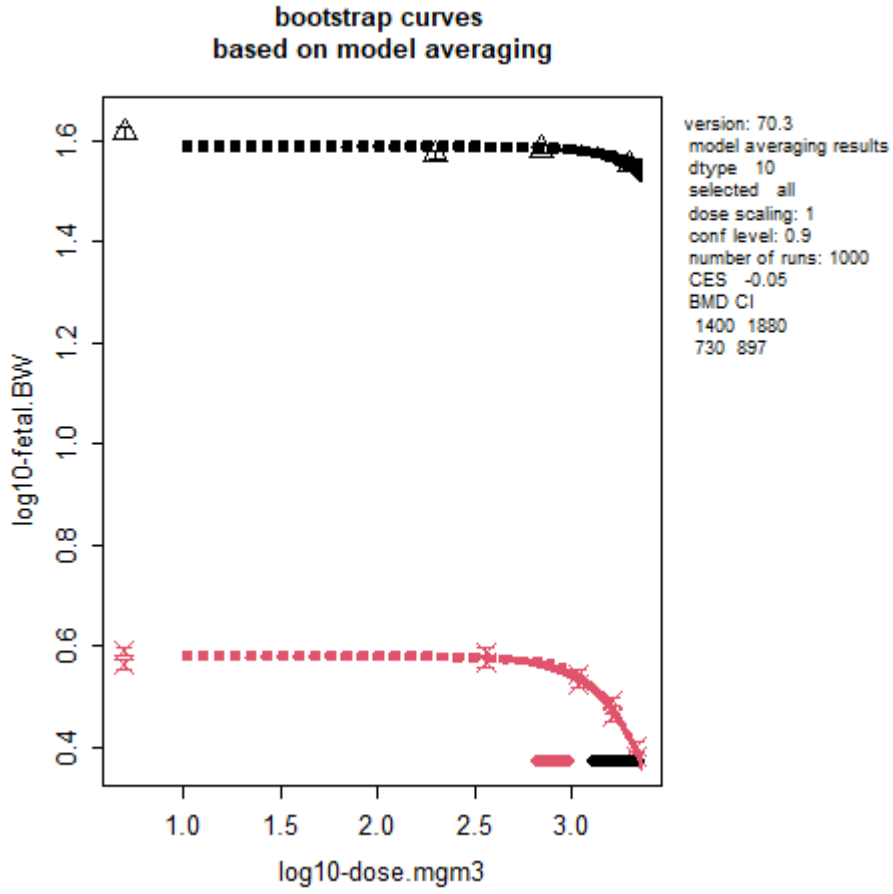


Table 19: The model-average BMD confidence interval based on 5% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	1440	1880
Okuda et al. (2006)	734	897

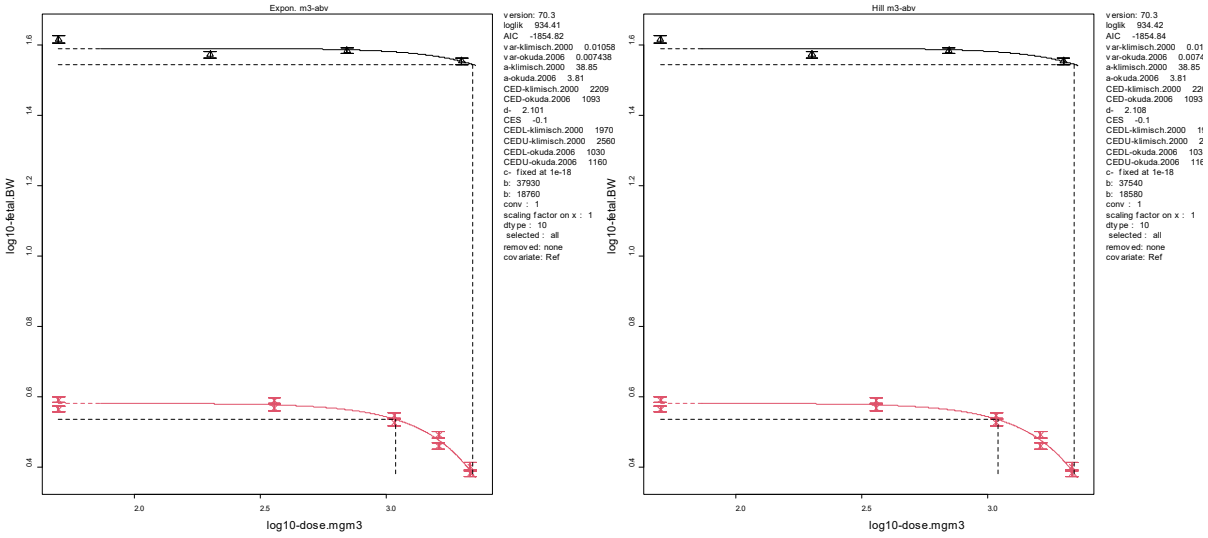
b. BMR = 10%

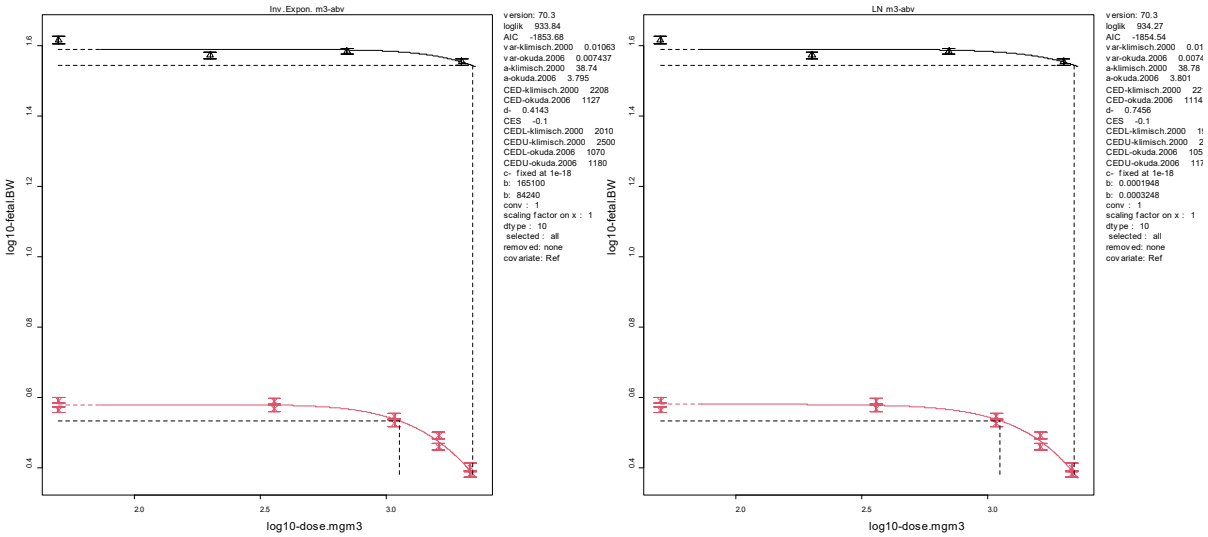
Fitted models

model	loglik	No.par	AIC
full model	982.6	15	-1935.2
full-v	989.6	16	-1947.2

model	loglik	No.par	AIC
null model-v	-550.08	3	1106.16
null model-a-v	454.54	4	-901.08
Expon. m3-v	-1184.88	5	2379.76
Expon. m3-av	812.19	6	-1612.38
Expon. m3-abv	934.41	7	-1854.82
Expon. m5-av	812.1	7	-1610.2
Expon. m5-abv	934.42	8	-1852.84
Hill m3-av	812.14	6	-1612.28
Hill m3-abv	934.42	7	-1854.84
Hill m5-av	811.98	7	-1609.96
Hill m5-abv	934.42	8	-1852.84
Inv.Expon. m3-av	809.32	6	-1606.64
Inv.Expon. m3-abv	933.84	7	-1853.68
Inv.Expon. m5-av	808.34	7	-1602.68
Inv.Expon. m5-abv	933.42	8	-1850.84
LN m3-av	810.65	6	-1609.3
LN m3-abv	934.27	7	-1854.54
LN m5-av	810.13	7	-1606.26
LN m5-abv	934.13	8	-1852.26

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2903	0.2932	0.1642	0.2524

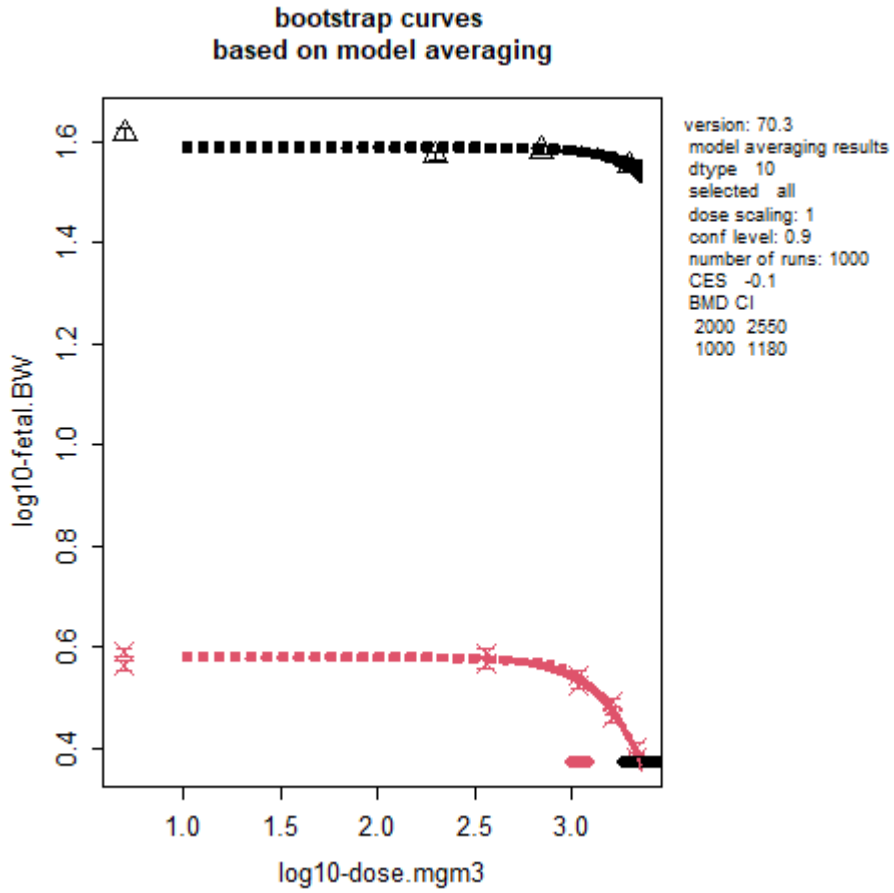


Table 20: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	1990	2550
Okuda et al., 2006	1040	1180

2. Foetal external malformation

Table 21: Data used for analysis. Exposure duration is gestation day 6 through 19 (day.6.19) or 7 through 19 (day.7.19). Exposure route is inhalation

Study	Species	Exposure	Dose (mg/m^3)	Incidence foetal external malformation	Group size
Okuda et al. (2006)	rat	day6.19	0	0	141
	rat	day6.19	360	0	137
	rat	day6.19	1080	0	130
	rat	day6.19	1620	0	131
	rat	day6.19	2160	4	99
BASF (1989); Klimisch and Hellwig (2000)	rabbit	day7.19	0	1	66
	rabbit	day7.19	200	0	86
	rabbit	day7.19	700	1	95
	rabbit	day7.19	2000	2	78

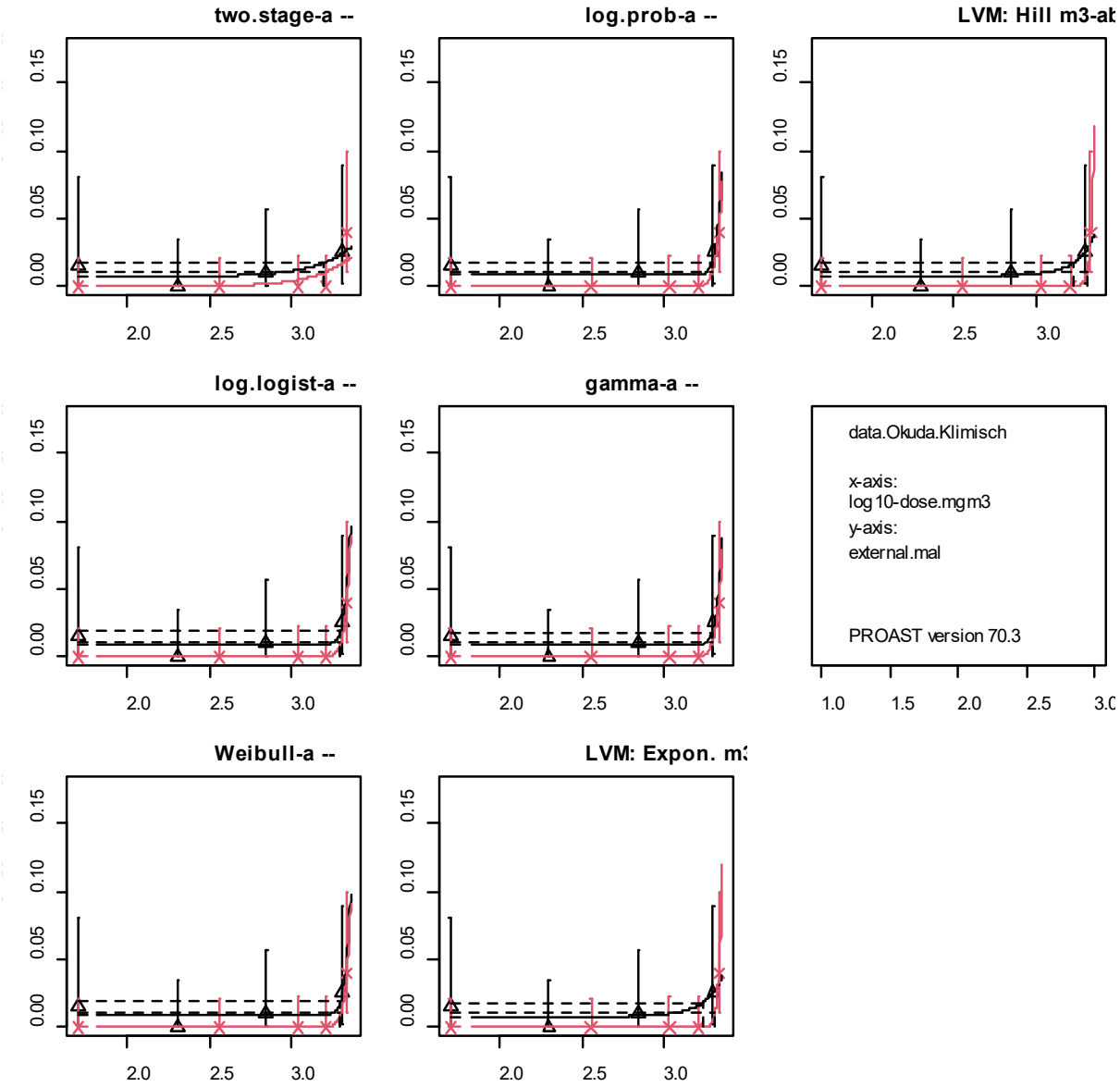
a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	1	-46.29	94.58
full	9	-36.9	91.8

model	No.par	loglik	AIC
two.stage-a	4	-40.69	89.38
log.logist-a	4	-37.78	83.56
Weibull-a	4	-37.78	83.56
log.prob-a	4	-37.74	83.48
gamma-a	4	-37.74	83.48
LVM: Expon. m3-ab	5	-37.67	85.34
LVM: Hill m3-ab	5	-37.67	85.34

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL

weight	0.011	0.2017	0.2017	0.21	0.21	0.0828	0.0828

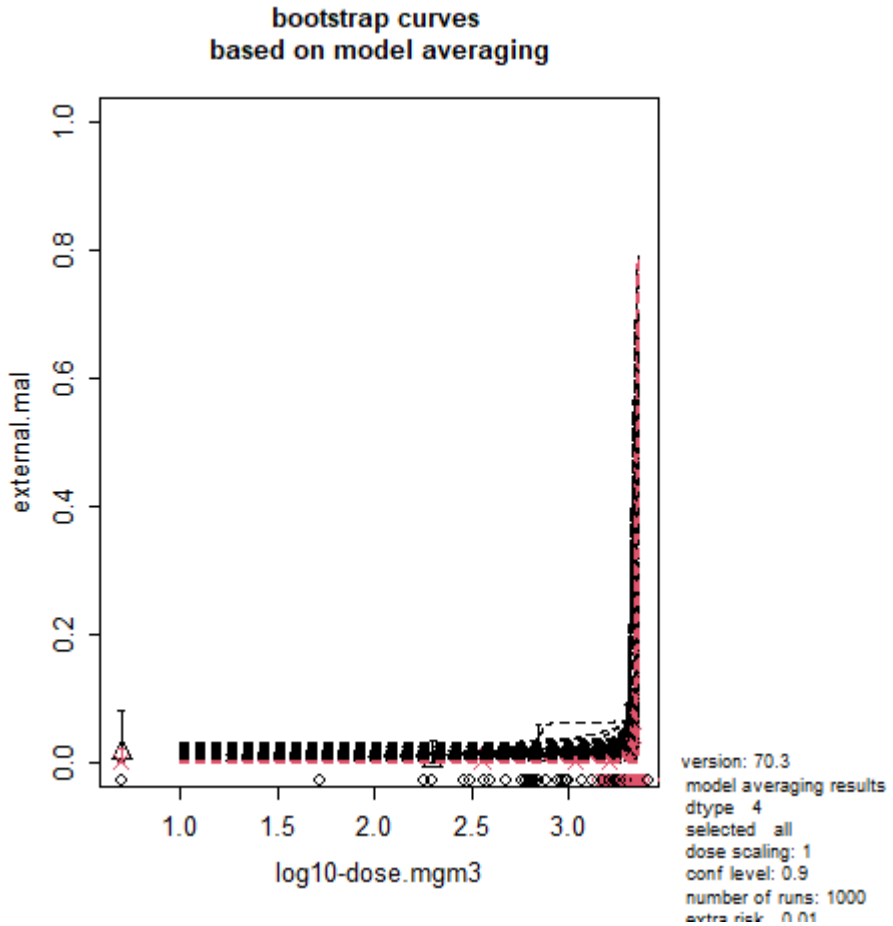


Table 22: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	1670	2140
Okuda et al. (2006)	1840	2160

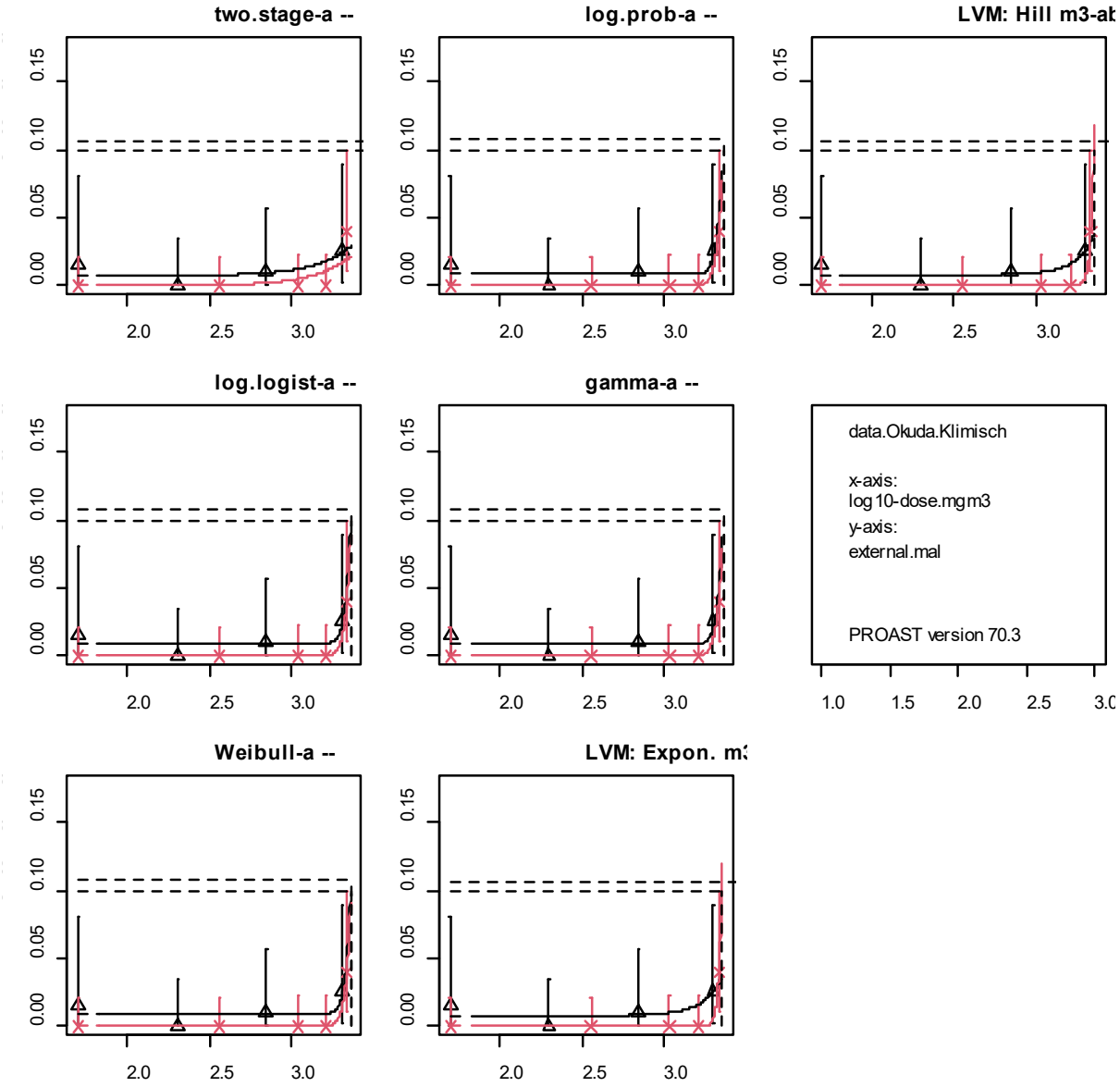
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	1	-46.29	94.58
full	9	-36.9	91.8
two.stage-a	4	-40.69	89.38
log.logist-a	4	-37.78	83.56

model	No.par	loglik	AIC
Weibull-a	4	-37.78	83.56
log.prob-a	4	-37.74	83.48
gamma-a	4	-37.74	83.48
LVM: Expon. m3-ab	5	-37.67	85.34
LVM: Hill m3-ab	5	-37.67	85.34

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.011	0.2017	0.2017	0.21	0.21	0.0828	0.0828

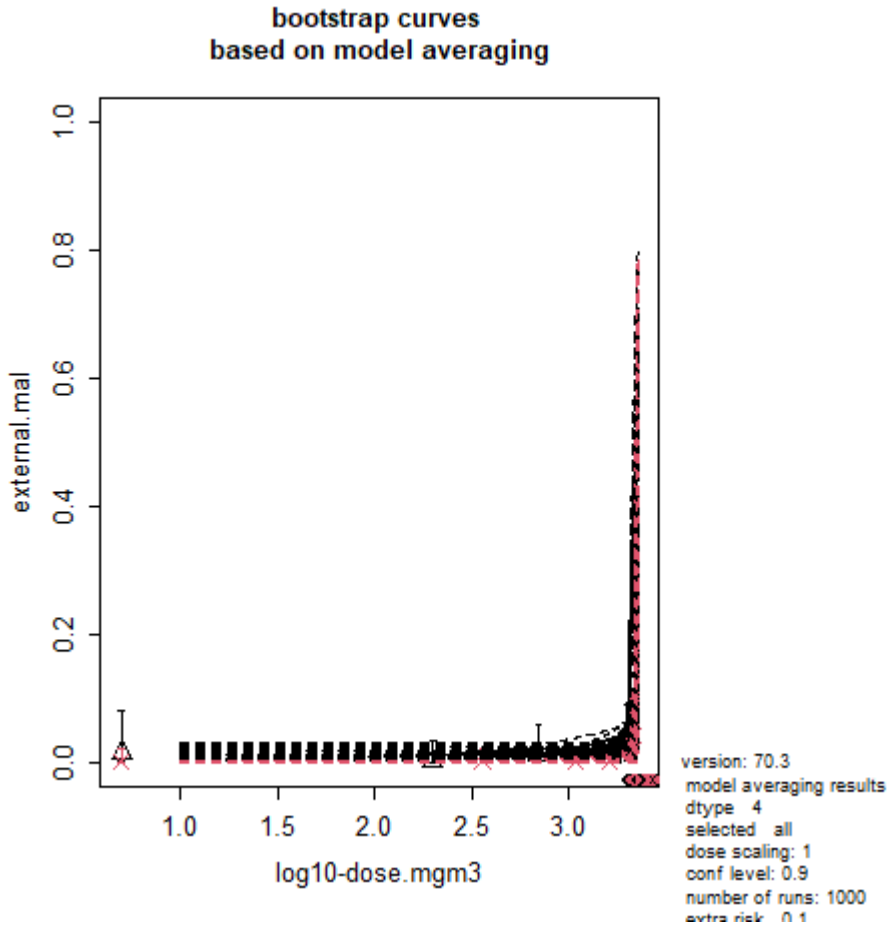


Table 23: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	2160	2700
Okuda et al. (2006)	2170	2790

3. Foetal visceral malformation

Table 24: Data used for analysis. Exposure duration is gestation day 6 through 19 (day.6.19) or 7 through 19 (day.7.19). Exposure route is inhalation

Study	Species	Exposure	Dose (mg/m^3)	Incidence foetal visceral malformation	Group size
Okuda et al. (2006)	rat	day6.19	0	0	68
	rat	day6.19	360	0	65

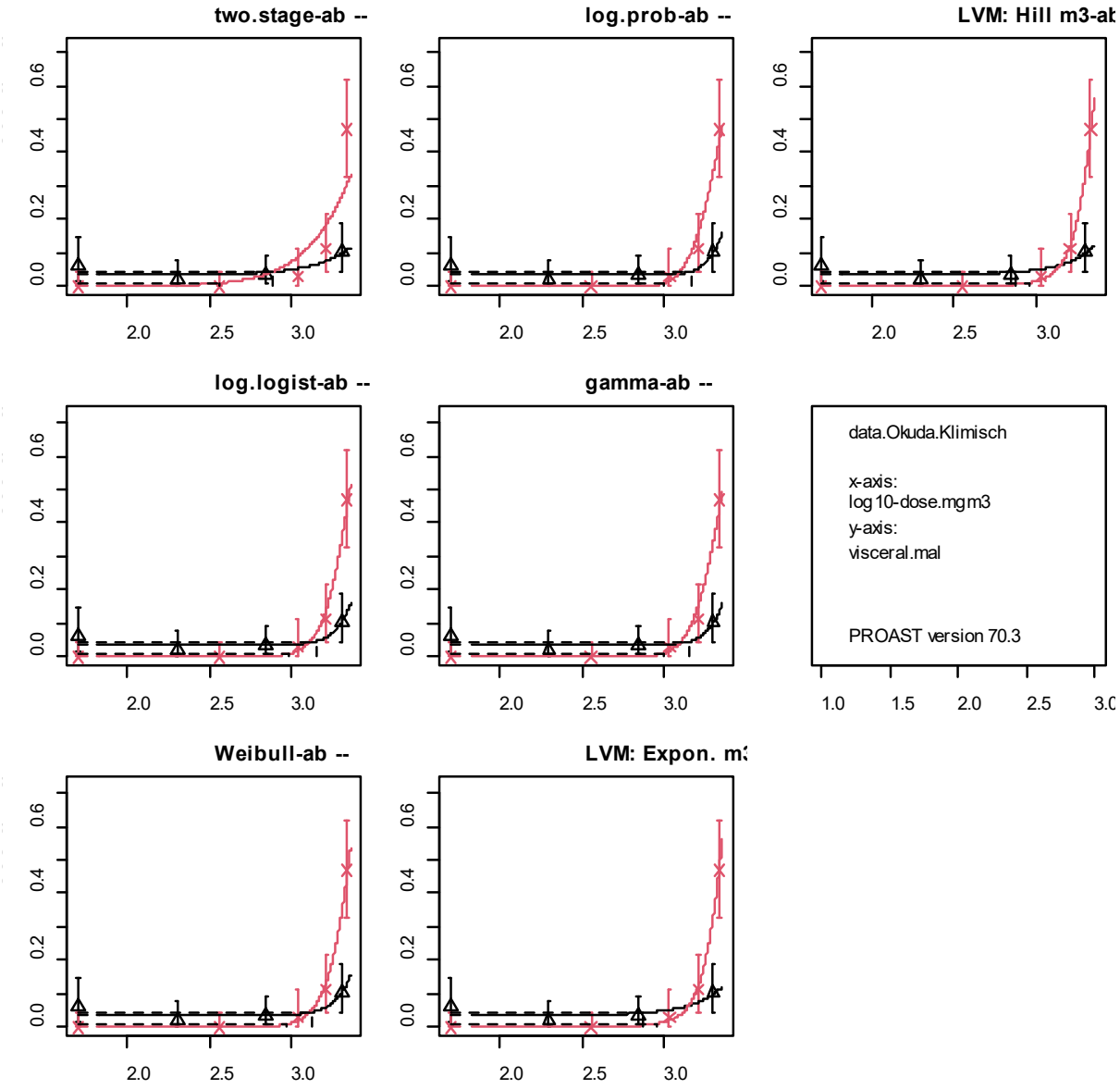
Study	Species	Exposure	Dose (mg/m³)	Incidence foetal visceral malformation	Group size
	rat	day6.19	1080	2	63
	rat	day6.19	1620	7	63
	rat	day6.19	2160	23	49
BASF (1989); Klimisch and Hellwig (2000)	rabbit	day7.19	0	4	66
	rabbit	day7.19	200	2	86
	rabbit	day7.19	700	3	95
	rabbit	day7.19	2000	8	78

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	2	-169.44	342.88
full	9	-128.44	274.88
two.stage-ab	5	-135.75	281.5
log.logist-ab	5	-129.78	269.56
Weibull-ab	5	-129.57	269.14
log.prob-ab	5	-130.31	270.62
gamma-ab	5	-130.04	270.08
LVM: Expon. m3-ab	5	-129.79	269.58
LVM: Hill m3-ab	5	-129.79	269.58

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0005	0.1793	0.2212	0.1056	0.1383	0.1776	0.1776

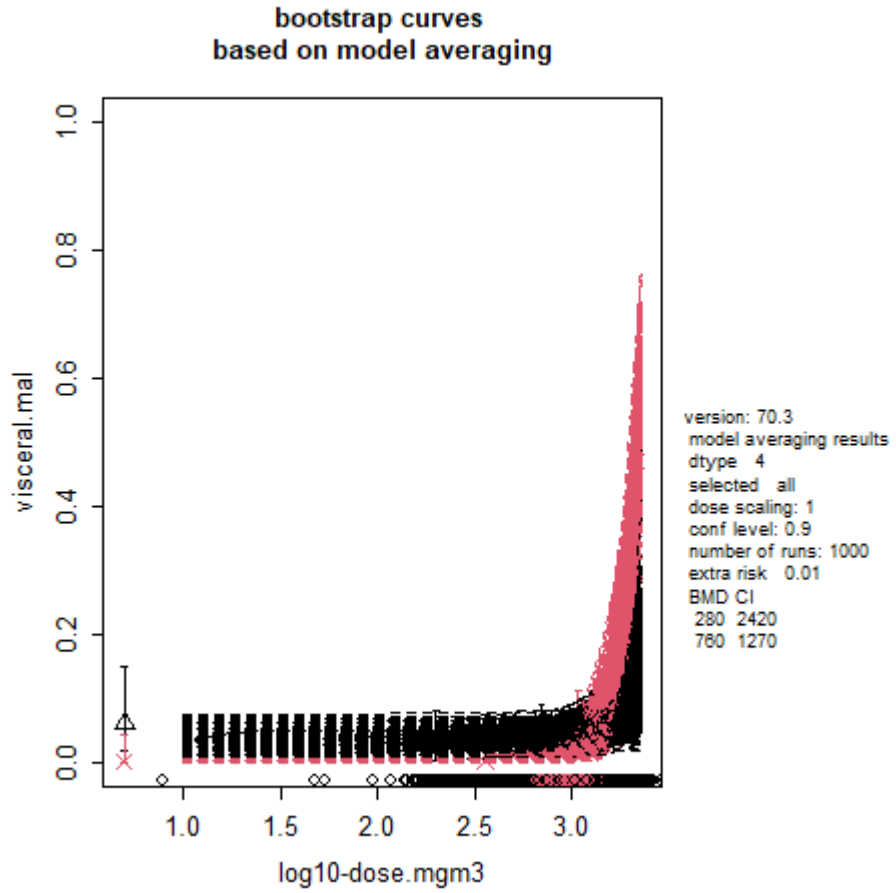


Table 25: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	277	2420
Okuda et al. (2006)	759	1270

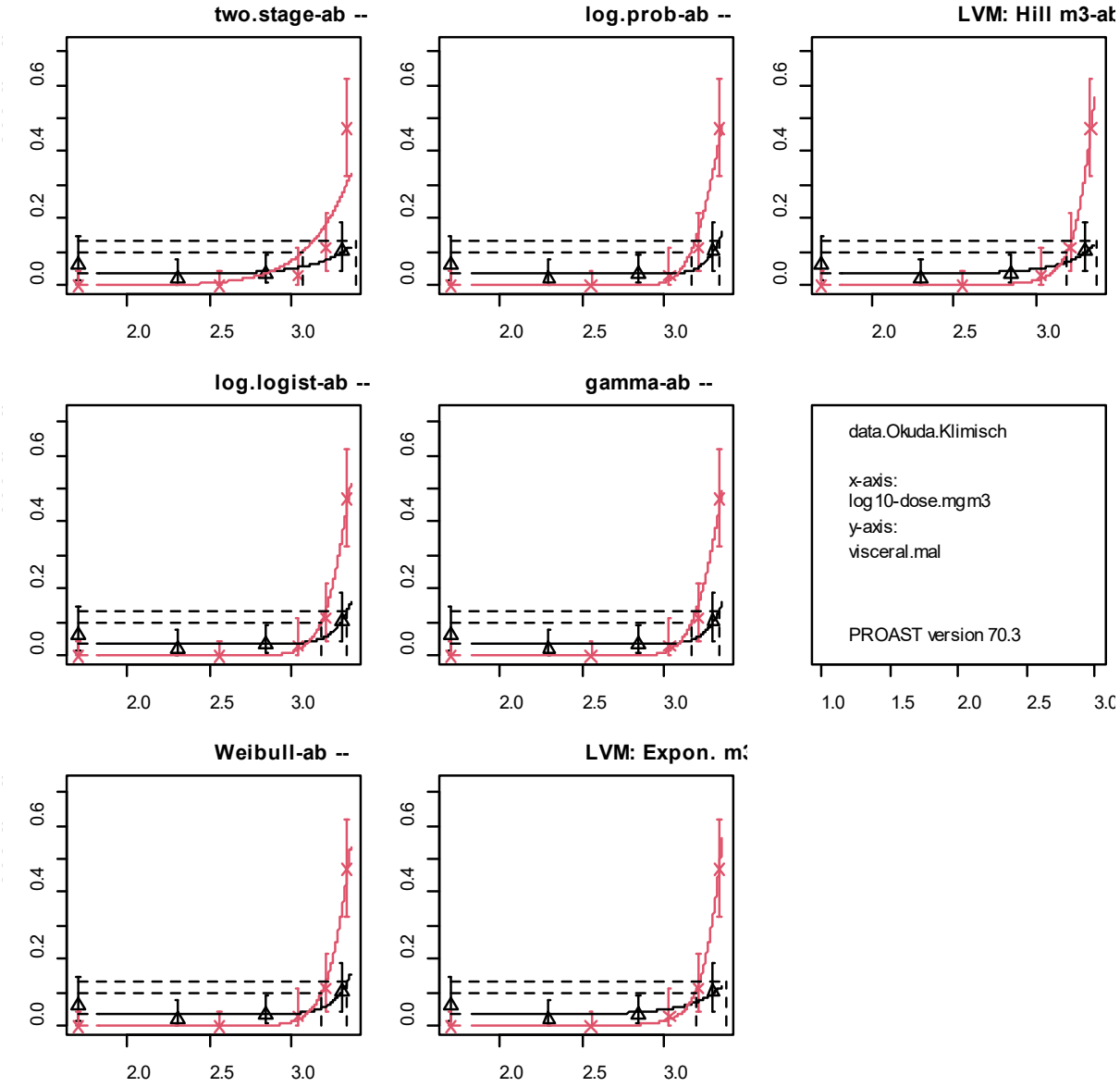
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	2	-169.44	342.88
full	9	-128.44	274.88
two.stage-ab	5	-135.75	281.5
log.logist-ab	5	-129.78	269.56
Weibull-ab	5	-129.57	269.14
log.prob-ab	5	-130.31	270.62

model	No.par	loglik	AIC
gamma-ab	5	-130.04	270.08
LVM: Expon. m3-ab	5	-129.79	269.58
LVM: Hill m3-ab	5	-129.79	269.58

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0005	0.1793	0.2212	0.1056	0.1383	0.1776	0.1776

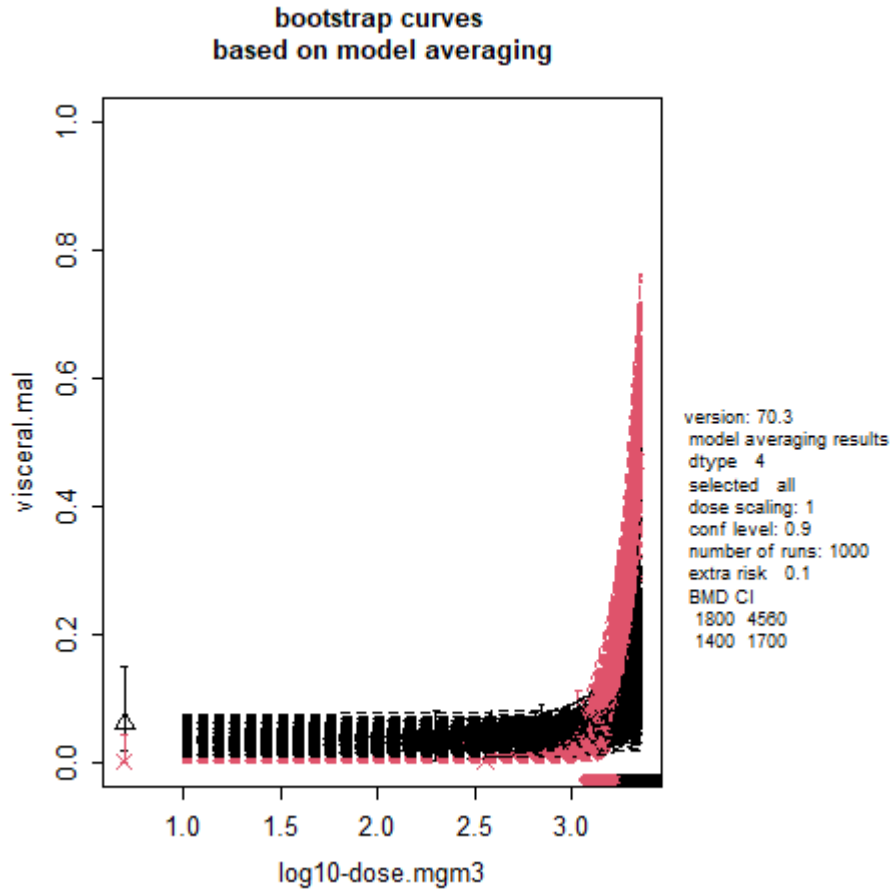


Table 26: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	1850	4560
Okuda et al. (2006)	1360	1700

4. Foetal skeletal malformation

Table 27: Data used for analysis. Exposure duration is gestation day 6 through 19 (day.6.19) or 7 through 19 (day.7.19). Exposure route is inhalation

Study	Species	Exposure	Dose (mg/m³)	Incidence skeletal malformation	Group size
Okuda et al. (2006)	rat	day6.19	0	0	73
	rat	day6.19	360	0	72

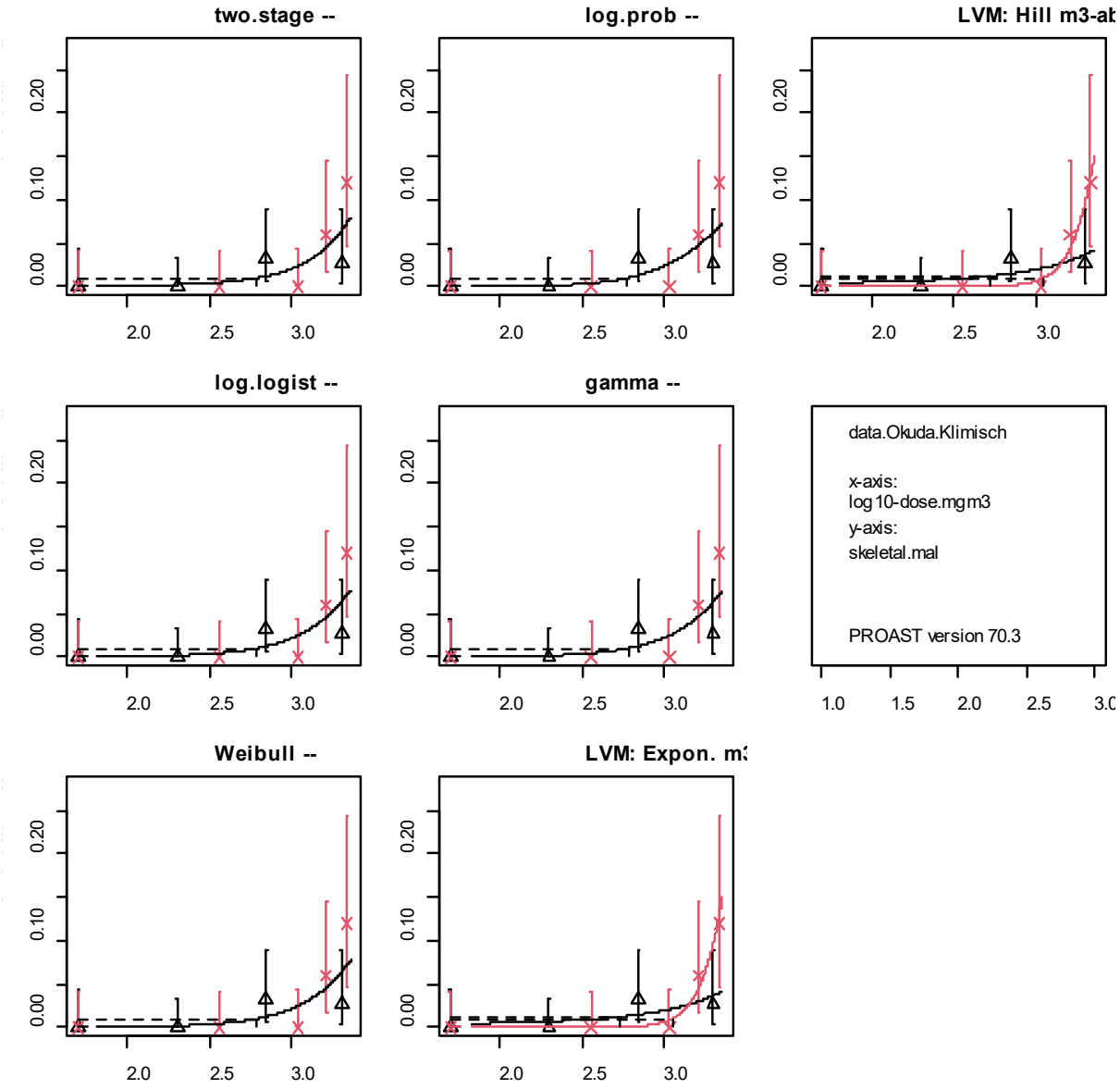
Study	Species	Exposure	Dose (mg/m³)	Incidence skeletal malformation	Group size
	rat	day6.19	1080	0	67
	rat	day6.19	1620	4	68
	rat	day6.19	2160	6	50
BASF (1989); Klimisch and Hellwig (2000)	rabbit	day7.19	0	0	66
	rabbit	day7.19	200	0	86
	rabbit	day7.19	700	3	95
	rabbit	day7.19	2000	2	78

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	1	-71.48	144.96
full	9	-56.57	131.14
two.stage	3	-61.41	128.82
log.logist	3	-61.37	128.74
Weibull	3	-61.37	128.74
log.prob	3	-61.33	128.66
gamma	3	-61.37	128.74
LVM: Expon. m3-ab	5	-58.52	127.04
LVM: Hill m3-ab	5	-58.52	127.04

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0992	0.1033	0.1033	0.1075	0.1033	0.2417	0.2417

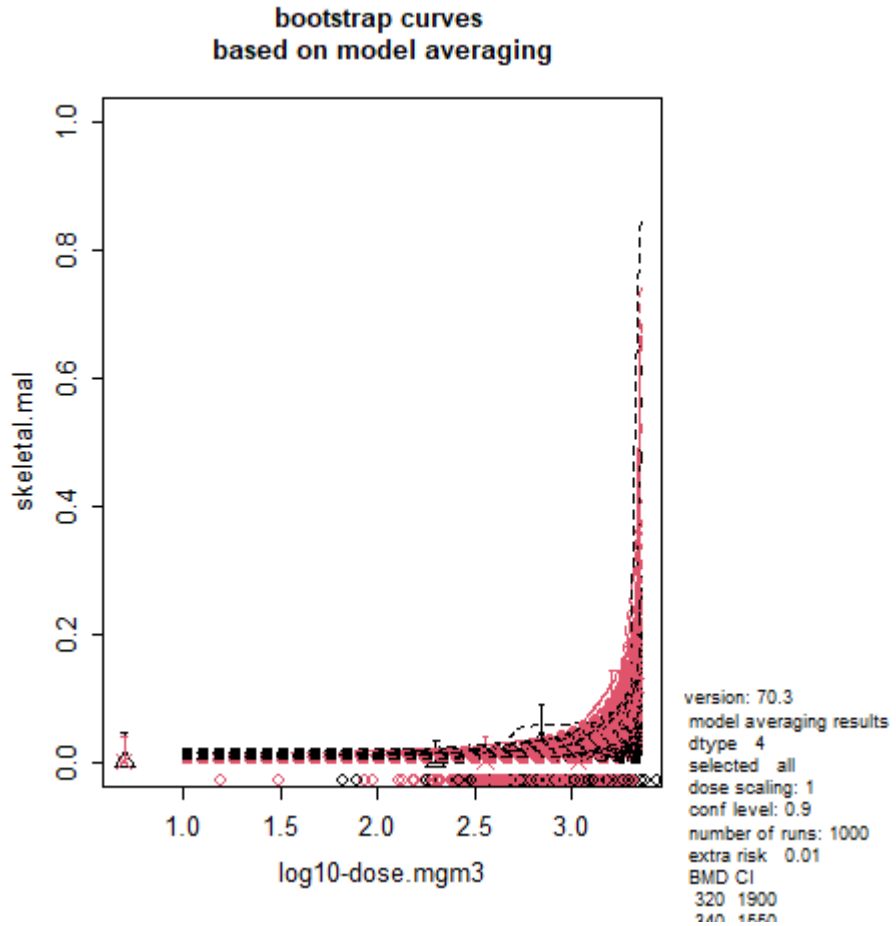


Table 28: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	317	1900
Okuda et al. (2006)	335	1550

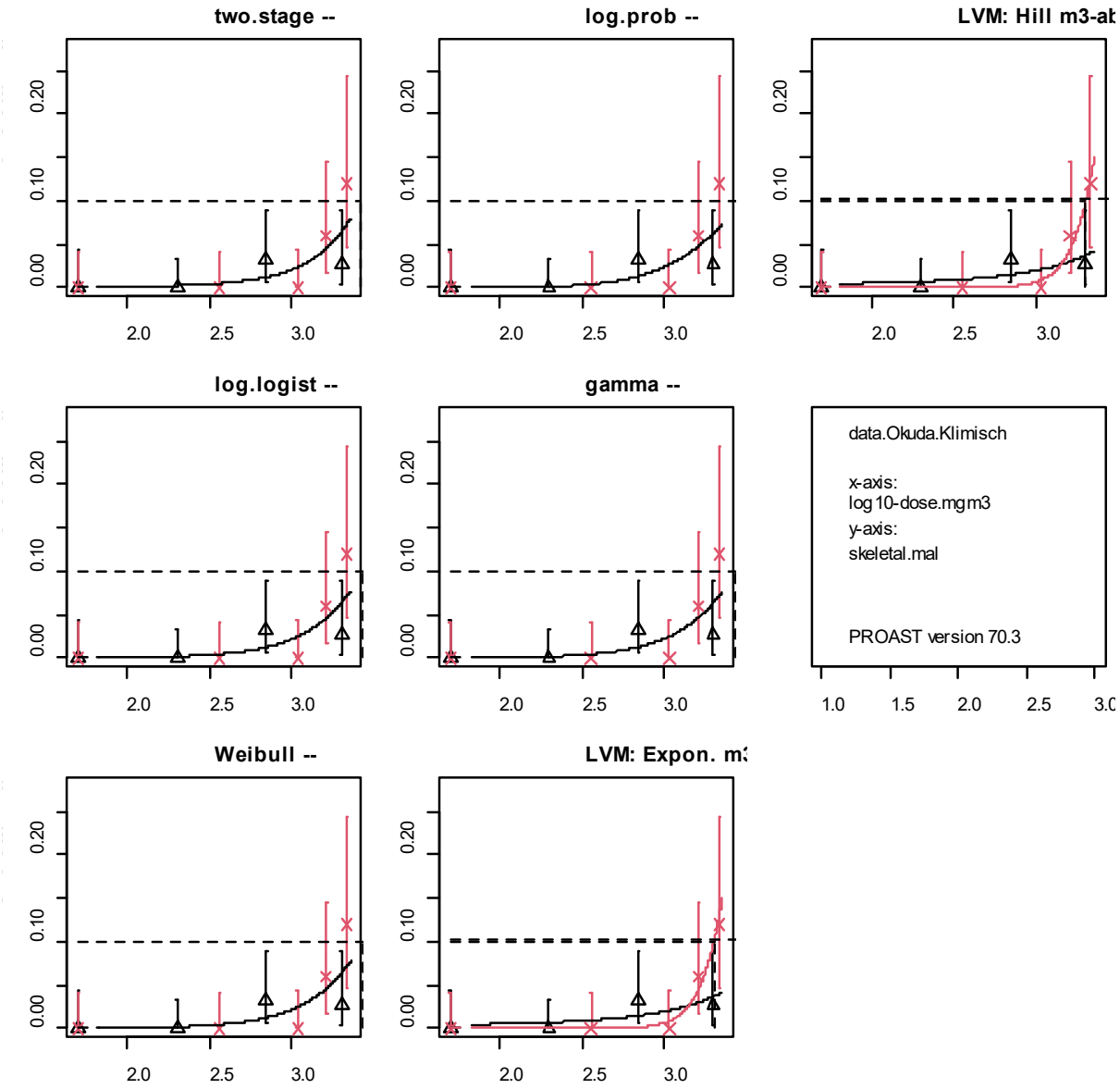
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	1	-71.48	144.96
full	9	-56.57	131.14
two.stage	3	-61.41	128.82
log.logist	3	-61.37	128.74
Weibull	3	-61.37	128.74

model	No.par	loglik	AIC
log.prob	3	-61.33	128.66
gamma	3	-61.37	128.74
LVM: Expon. m3-ab	5	-58.52	127.04
LVM: Hill m3-ab	5	-58.52	127.04

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0992	0.1033	0.1033	0.1075	0.1033	0.2417	0.2417

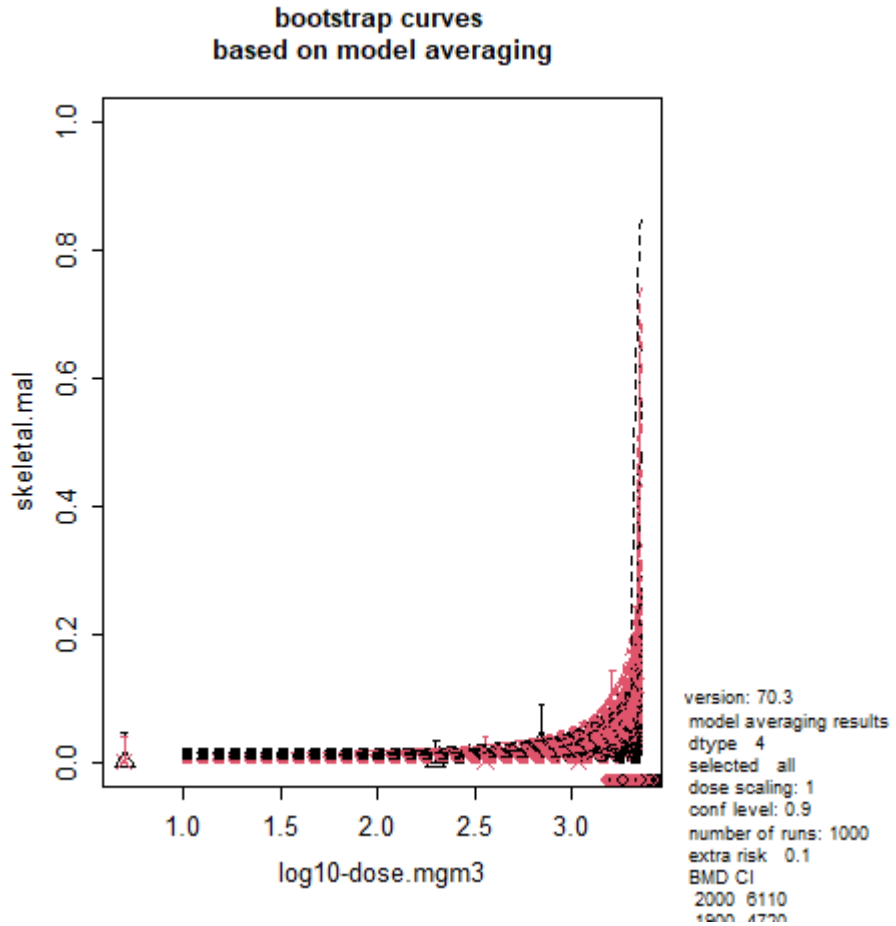


Table 29: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	2040	6110
Okuda et al. (2006)	1860	4720

5. Foetal visceral variation

Table 30: Data used for analysis. Exposure duration is gestation day 7 through 19. Exposure route is inhalation

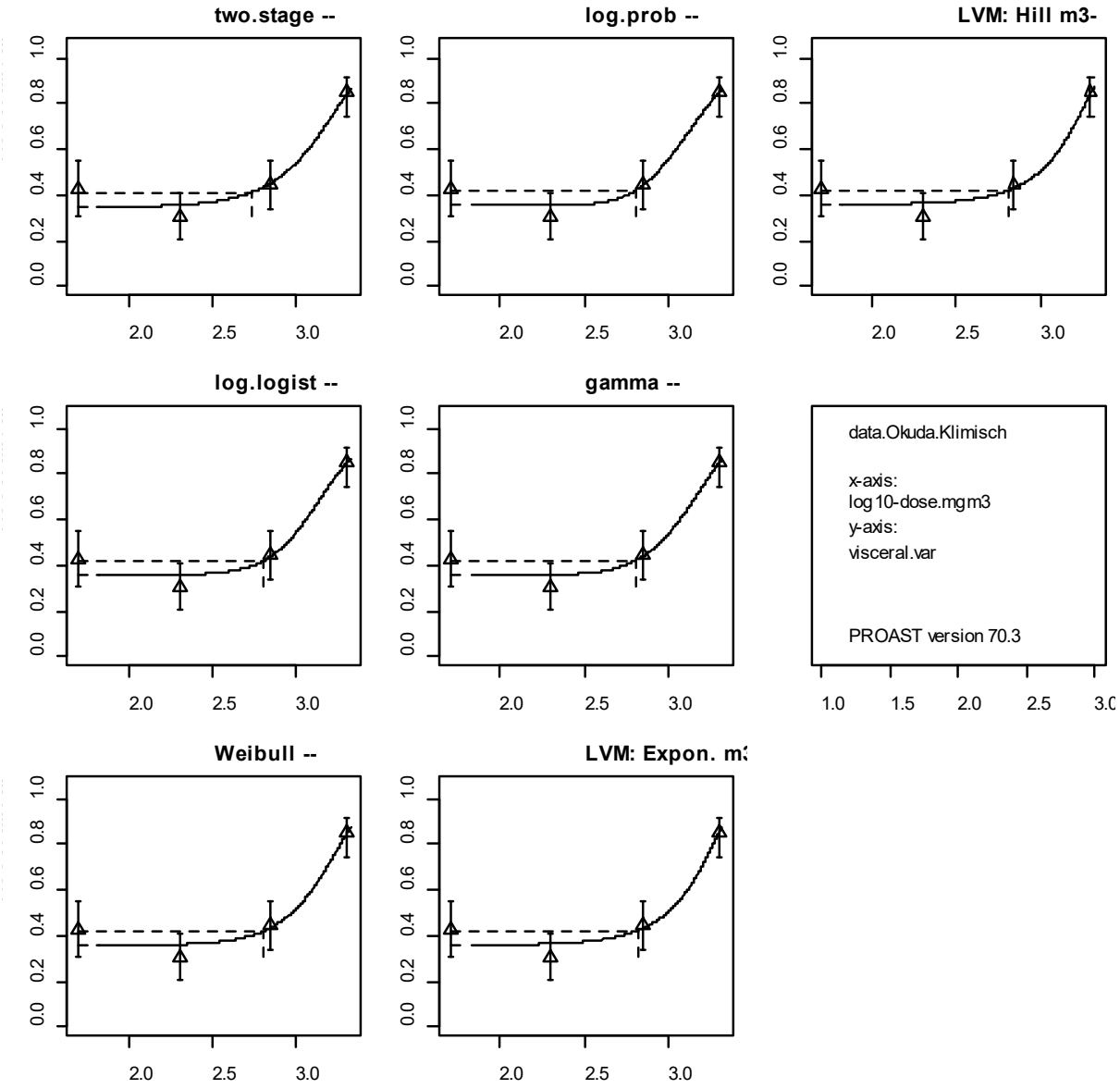
Study	Species	Dose (mg/m^3)	Incidence visceral variation	Group size
BASF (1989); Klimisch and Hellwig (2000)	rabbit	0	28	66
	rabbit	200	26	86
	rabbit	700	42	95

	rabbit	2000	66	78

Fitted models

model	No.par	loglik	AIC
null	1	-225.27	452.54
full	4	-196.39	400.78
two.stage	3	-197.81	401.62
log.logist	3	-197.65	401.3
Weibull	3	-197.71	401.42
log.prob	3	-197.6	401.2
gamma	3	-197.64	401.28
LVM: Expon. m3-	3	-197.77	401.54
LVM: Hill m3-	3	-197.77	401.54

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.1285	0.1509	0.1421	0.1586	0.1524	0.1338	0.1338

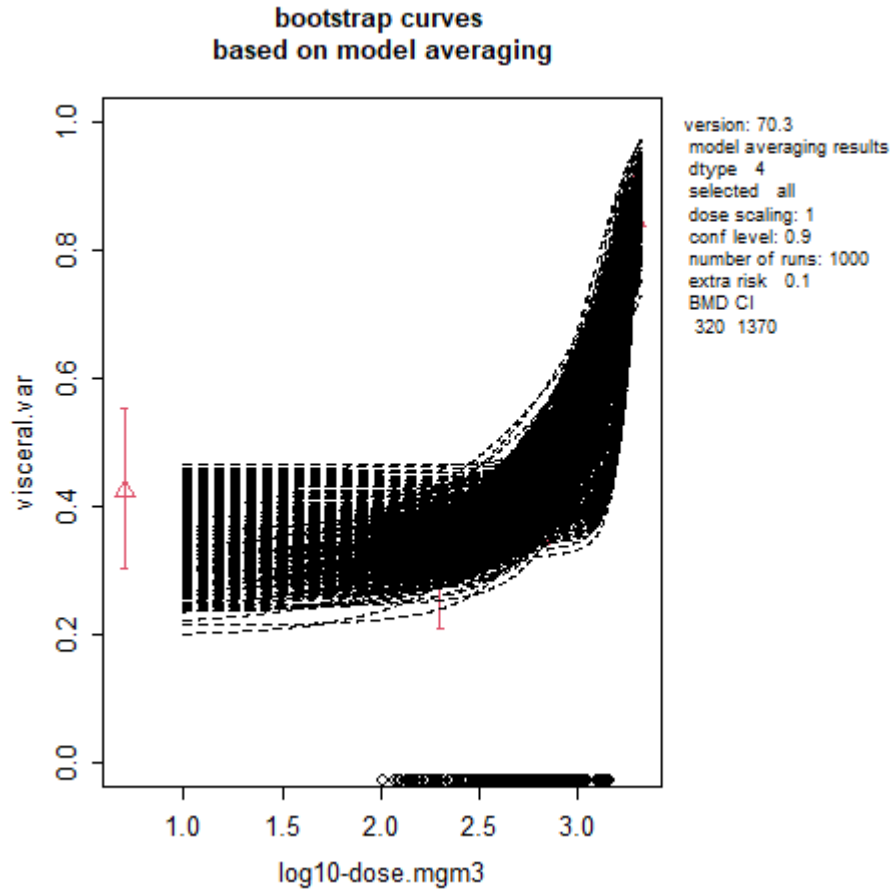


Table 31: The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
315	1370

6. Foetal skeletal variation

Table 32: Data used for analysis. Exposure duration is gestation day 7 through 19. Exposure route is inhalation

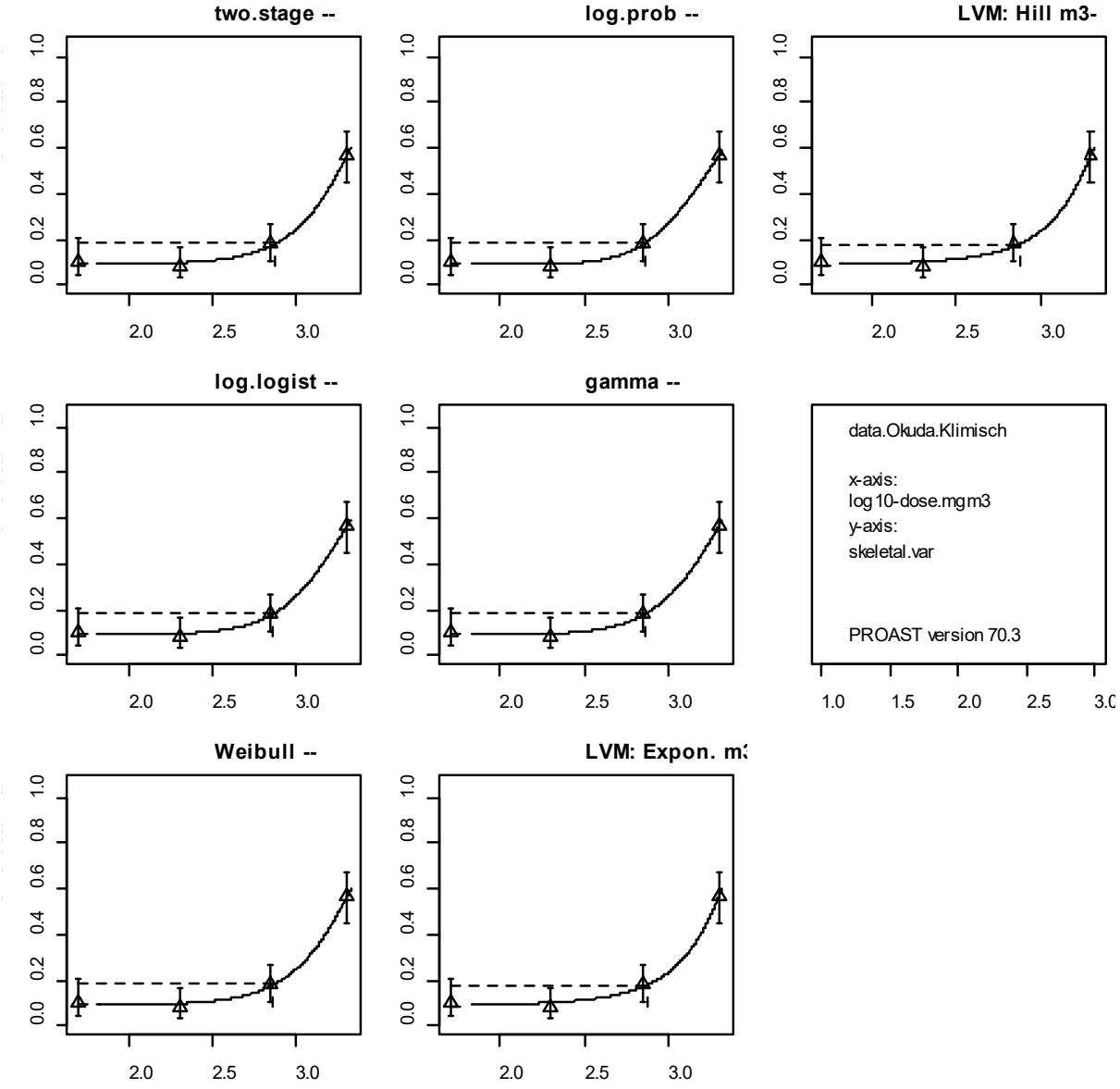
Study	Species	Dose (mg/m³)	Incidence skeletal variation	Group size
BASF (1989); Klimisch and Hellwig (2000)	rabbit	0	7	66
	rabbit	200	7	86
	rabbit	700	17	95
	rabbit	2000	44	78

Fitted models

model	No.par	loglik	AIC

null	1	-175.57	353.14
full	4	-144.64	297.28
two.stage	3	-144.89	295.78
log.logist	3	-144.85	295.7
Weibull	3	-144.89	295.78
log.prob	3	-144.79	295.58
gamma	3	-144.84	295.68
LVM: Expon. m3-	3	-145	296
LVM: Hill m3-	3	-145	296

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.1431	0.1489	0.1431	0.1581	0.1504	0.1282	0.1282

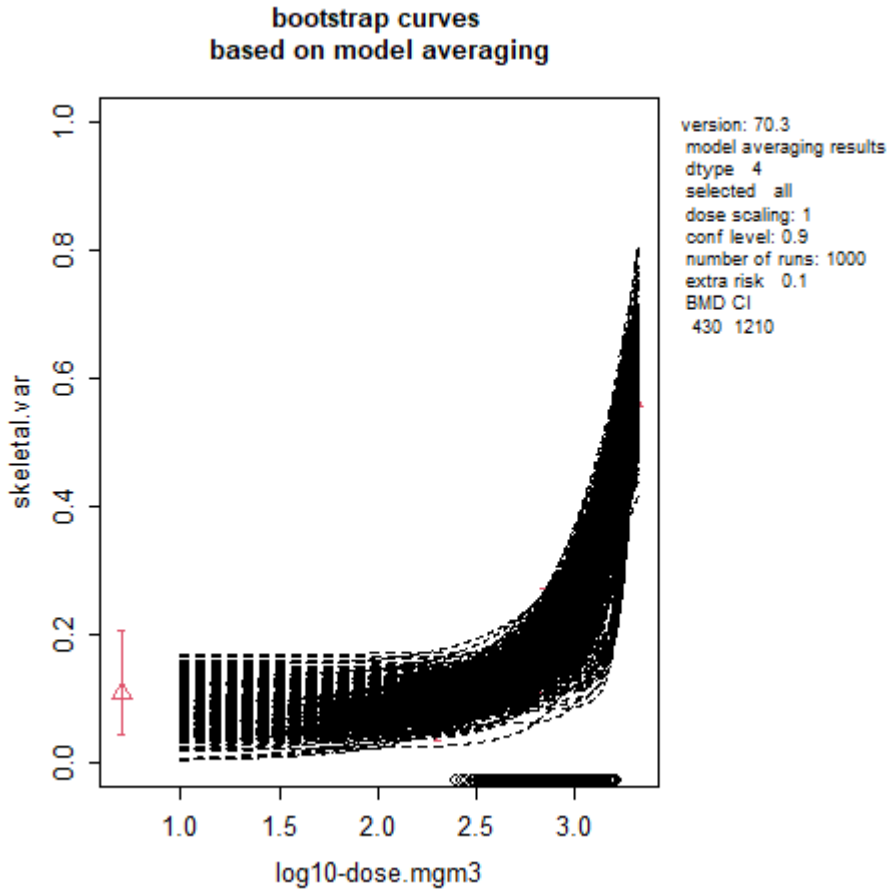


Table 33: The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
426	1210

7. Foetal cardiovascular malformation

Table 34: Data used for analysis. Exposure duration is gestation day 6 through 19 (day.6.19) or 7 through 19 (day.7.19). Exposure route is inhalation

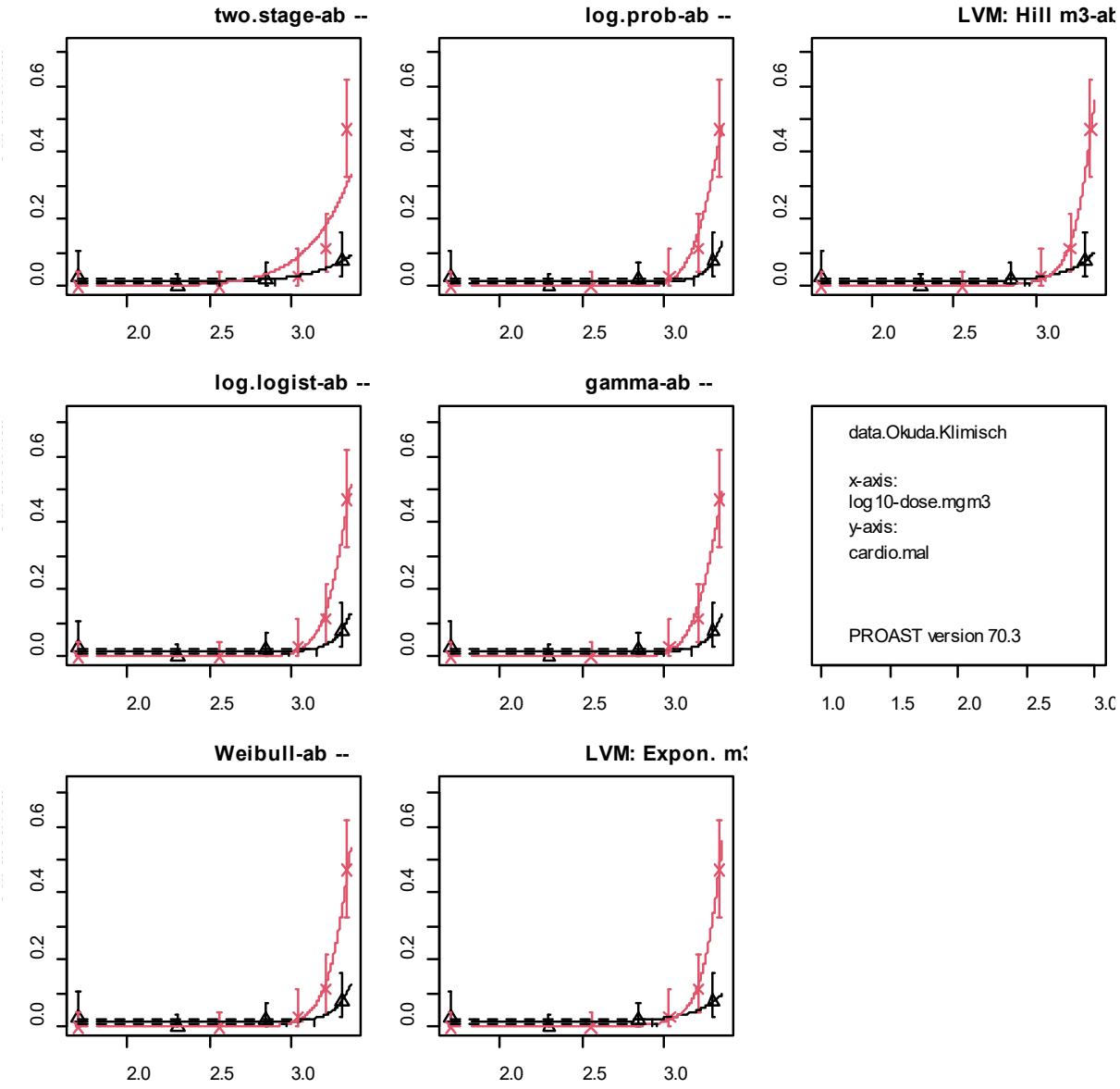
Study	Species	Exposure duration	Dose (mg/m³)	Incidence cardiovascular malformation	Group size
Okuda et al. (2006)	rat	day6.19	0	0	68
	rat	day6.19	360	0	65
	rat	day6.19	1080	2	63
	rat	day6.19	1620	7	63
	rat	day6.19	2160	23	49

Study	Species	Exposure duration	Dose (mg/m^3)	Incidence cardiovascular malformation	Group size
BASF (1989); Klimisch and Hellwig (2000)	rabbit	day7.19	0	2	66
	rabbit	day7.19	200	0	86
	rabbit	day7.19	700	2	95
	rabbit	day7.19	2000	6	78

Fitted models

model	No.par	loglik	AIC
null	2	-147.39	298.78
full	9	-104.64	227.28
two.stage-ab	5	-112.69	235.38
log.logist-ab	5	-106.94	223.88
Weibull-ab	5	-106.73	223.46
log.prob-ab	5	-107.49	224.98
gamma-ab	5	-107.22	224.44
LVM: Expon. m3-ab	5	-106.71	223.42
LVM: Hill m3-ab	5	-106.71	223.42

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0005	0.1643	0.2027	0.0948	0.1242	0.2068	0.2068

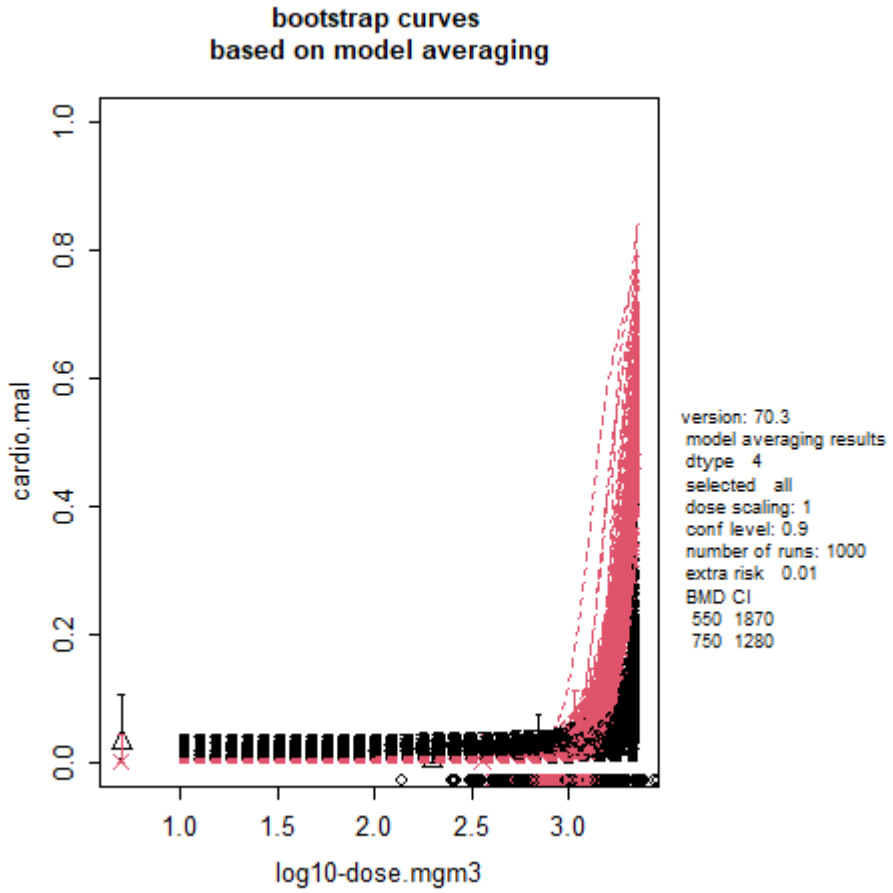


Table 35: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (1989); Klimisch and Hellwig (2000)	550	1870
Okuda et al. (2006)	750	1280

Monsanto (1980)

1. Relative liver weight

Table 36: Data used for the BMD analysis of relative liver weight of rat. Exposure route is drinking water

Exposure (month)	Sex	Dose (mg/kg bw/d)	Relative liver weight (%)	Standard deviation	Group size
6	m	0	2.3490	0.1315	10
6	m	100	2.9701	0.2188	10
6	m	300	3.1656	0.1751	10

Exposure (month)	Sex	Dose (mg/kg bw/d)	Relative liver weight (%)	Standard deviation	Group size
6	m	1000	3.9546	0.3132	10
6	f	0	2.4095	0.1688	10
6	f	100	2.7455	0.1517	10
6	f	300	2.9955	0.1415	10
6	f	1000	3.6309	0.219	10
12	m	0	2.3716	0.3221	10
12	m	100	2.9624	0.1848	10
12	m	300	3.1616	0.456	10
12	m	1000	3.7684	0.1988	10
12	f	0	2.3894	0.2495	10
12	f	100	2.7993	0.2589	9
12	f	300	3.1026	0.539	11
12	f	1000	3.4250	0.2756	10
24	m	0	2.7828	0.6275	25
24	m	100	3.3893	0.8094	21
24	m	300	3.5303	0.5663	21
24	m	1000	4.0405	0.8742	19
24	f	0	2.8796	0.4910	26
24	f	100	3.2208	0.7139	28
24	f	300	3.3664	0.6496	36
24	f	1000	3.6369	0.4289	29

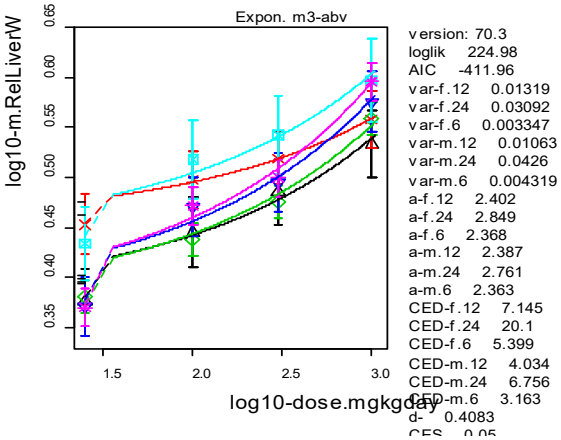
a. BMR = 5%

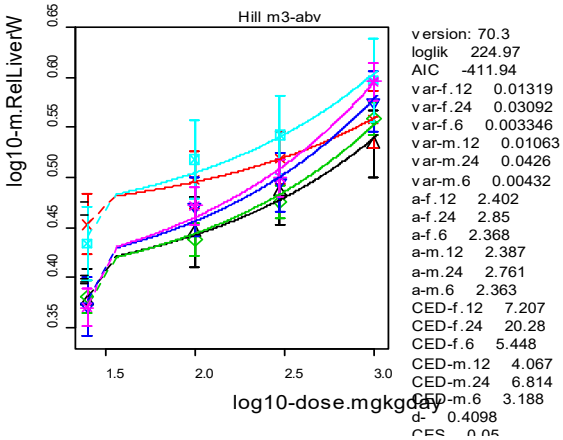
Fitted models

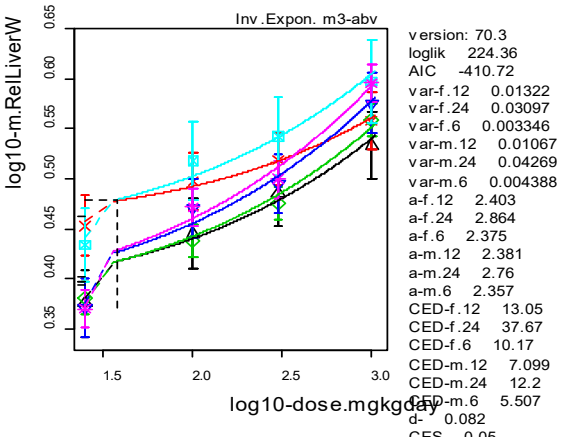
model	loglik	No.par	AIC
full model	167.73	25	-285.46
full-v	229.31	30	-398.62
null model-v	59.05	7	-104.1
null model-a-v	70.53	12	-117.06
Expon. m3-v	187.26	9	-356.52
Expon. m3-av	212.23	14	-396.46
Expon. m3-abv	224.98	19	-411.96
Expon. m5-av	212.21	15	-394.42
Expon. m5-abv	224.96	20	-409.92
Hill m3-av	212.22	14	-396.44
Hill m3-abv	224.97	19	-411.94
Hill m5-av	212.19	15	-394.38
Hill m5-abv	224.94	20	-409.88
Inv.Expon. m3-av	211.7	14	-395.4
Inv.Expon. m3-abv	224.36	19	-410.72
Inv.Expon. m5-av	211.52	15	-393.04
Inv.Expon. m5-abv	224.12	20	-408.24

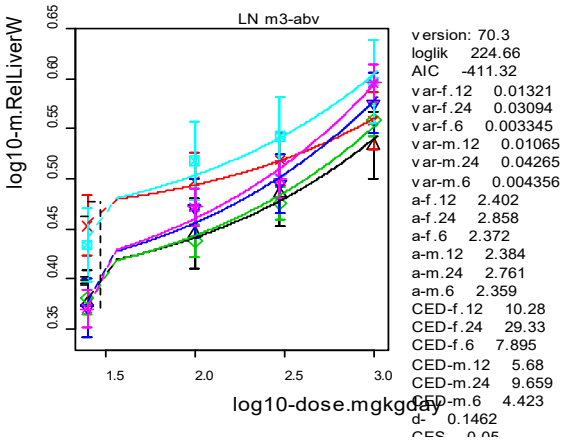
model	loglik	No.par	AIC
LN m3-av	211.95	14	-395.9
LN m3-abv	224.66	19	-411.32
LN m5-av	211.85	15	-393.7
LN m5-abv	224.54	20	-409.08

Visualization









Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.3073	0.3042	0.1653	0.2231

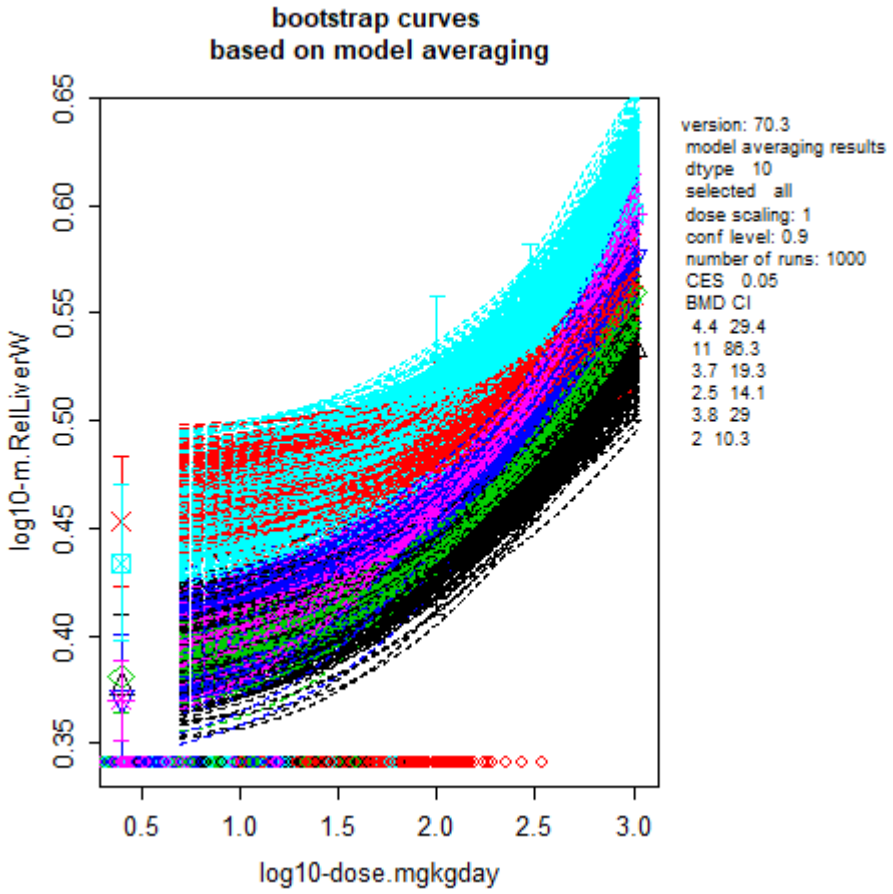


Table 37: The model-average BMD confidence interval based on 5% BMR

Sex.duration	BMD lower limit	BMD upper limit
f.12	4.35	29.4
f.24	11.4	86.3
f.6	3.73	19.3
m.12	2.46	14.1
m.24	3.8	29.0
m.6	1.95	10.3

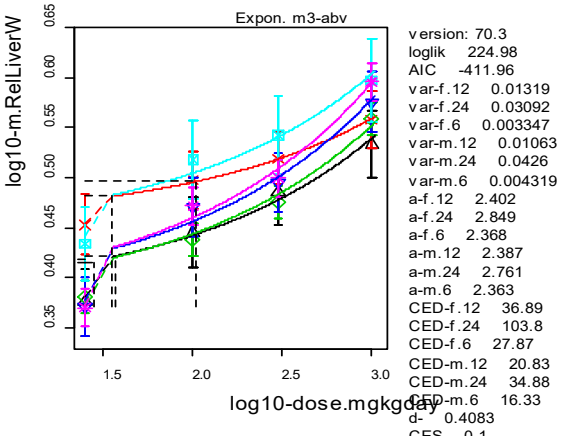
b. BMR = 10%

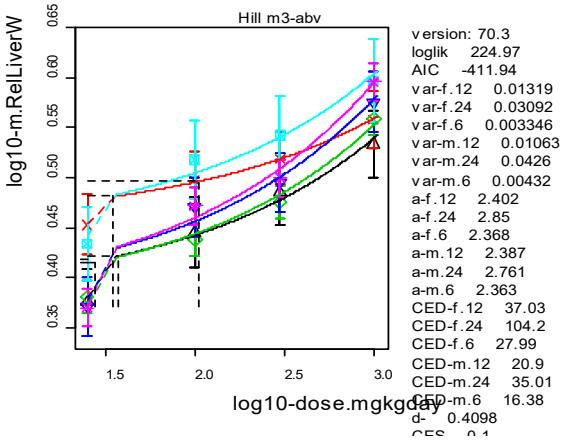
Fitted models

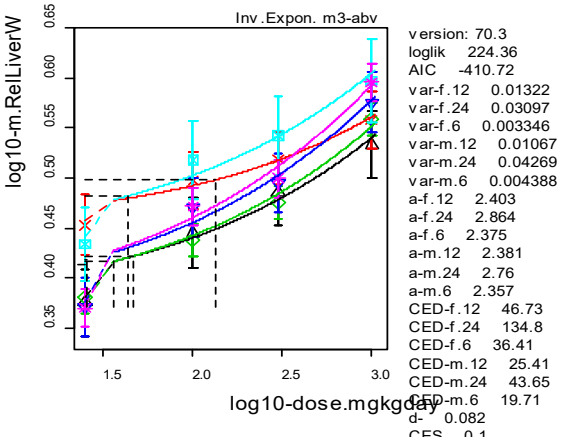
model	loglik	No.par	AIC
full model	167.73	25	-285.46
full-v	229.31	30	-398.62
null model-v	59.05	7	-104.1

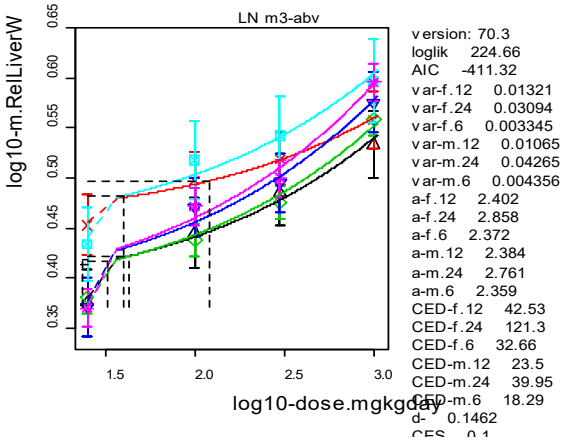
model	loglik	No.par	AIC
null model-a-v	70.53	12	-117.06
Expon. m3-v	187.26	9	-356.52
Expon. m3-av	212.23	14	-396.46
Expon. m3-abv	224.98	19	-411.96
Expon. m5-av	212.21	15	-394.42
Expon. m5-abv	224.96	20	-409.92
Hill m3-av	212.22	14	-396.44
Hill m3-abv	224.97	19	-411.94
Hill m5-av	212.19	15	-394.38
Hill m5-abv	224.94	20	-409.88
Inv.Expon. m3-av	211.7	14	-395.4
Inv.Expon. m3-abv	224.36	19	-410.72
Inv.Expon. m5-av	211.52	15	-393.04
Inv.Expon. m5-abv	224.12	20	-408.24
LN m3-av	211.95	14	-395.9
LN m3-abv	224.66	19	-411.32
LN m5-av	211.85	15	-393.7
LN m5-abv	224.54	20	-409.08

Visualization









Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.3073	0.3042	0.1653	0.2231

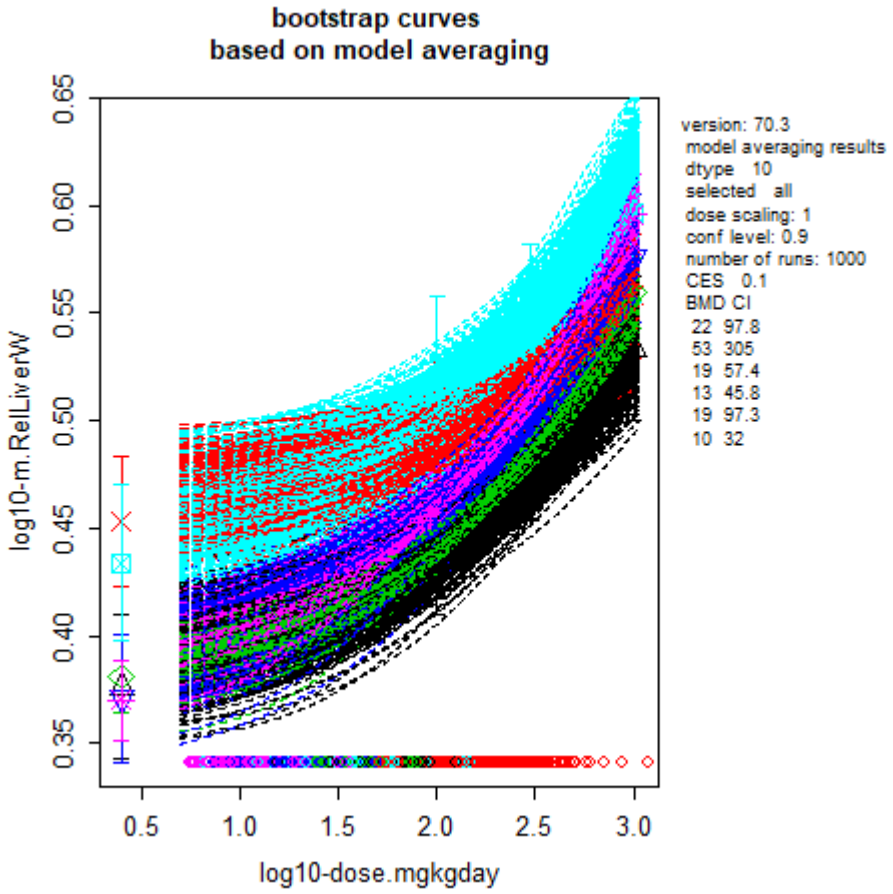


Table 38: The model-average BMD confidence interval based on 10% BMR

Sex.duration	BMD lower limit	BMD upper limit
f.12	21.5	97.8
f.24	53.2	305
f.6	19.1	57.4
m.12	12.6	45.8
m.24	19.3	97.3
m.6	10.3	32.0

DuPont (1997)

1. Foetal body weight

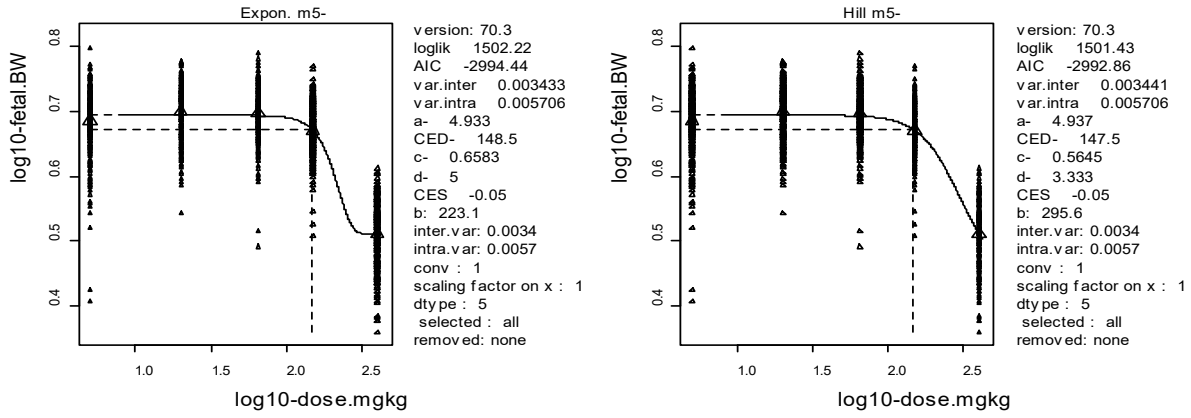
Data used for the BMD analysis of foetal body weight: see AnnexTable 107. Litter effect is considered in the BMD analysis, because of the availability of individual foetal body..

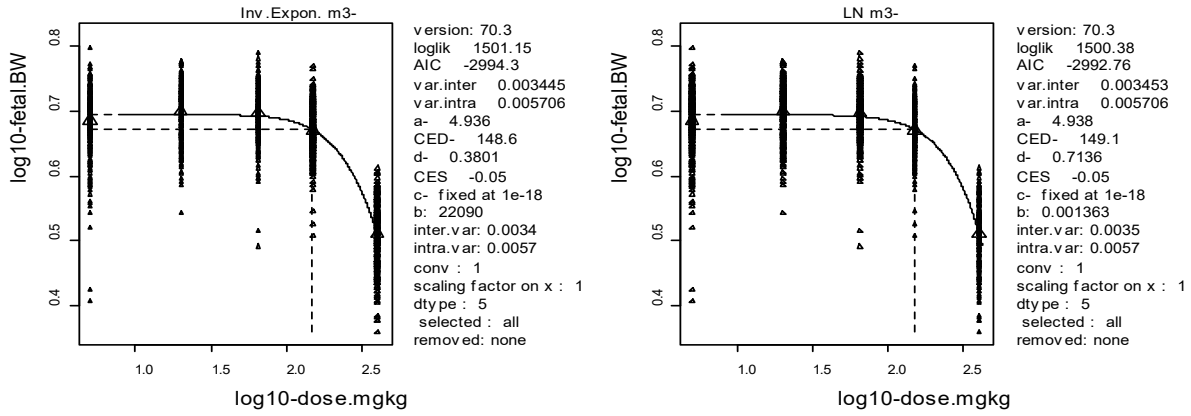
a. BMR = 5%

Fitted models

model	loglik	No.par	AIC
full model	1511.81	6	-3011.62
null model	516.82	2	-1029.64
Expon. m3-	1499.04	4	-2990.08
Expon. m5-	1502.22	5	-2994.44
Hill m3-	1499.05	4	-2990.1
Hill m5-	1501.43	5	-2992.86
Inv.Expon. m3-	1501.15	4	-2994.3
Inv.Expon. m5-	1501.52	5	-2993.04
LN m3-	1500.38	4	-2992.76
LN m5-	1501.07	5	-2992.14

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.3549	0.1611	0.3309	0.1532

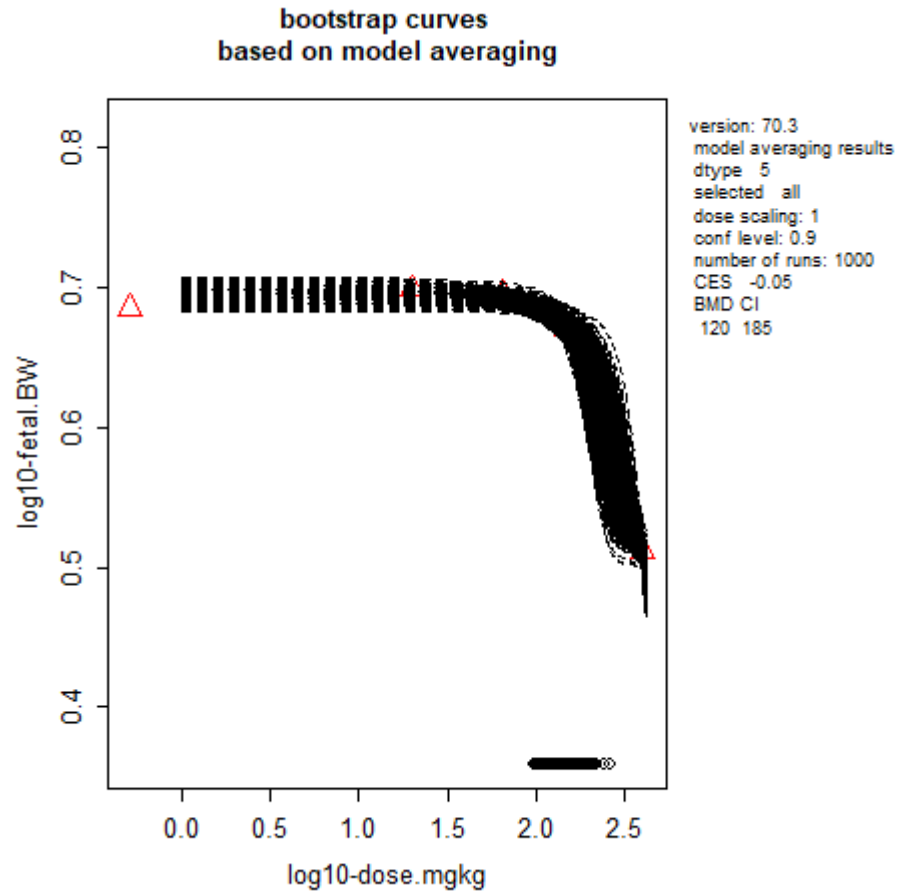


Table 39: The model-average BMD confidence interval based on 5% BMR

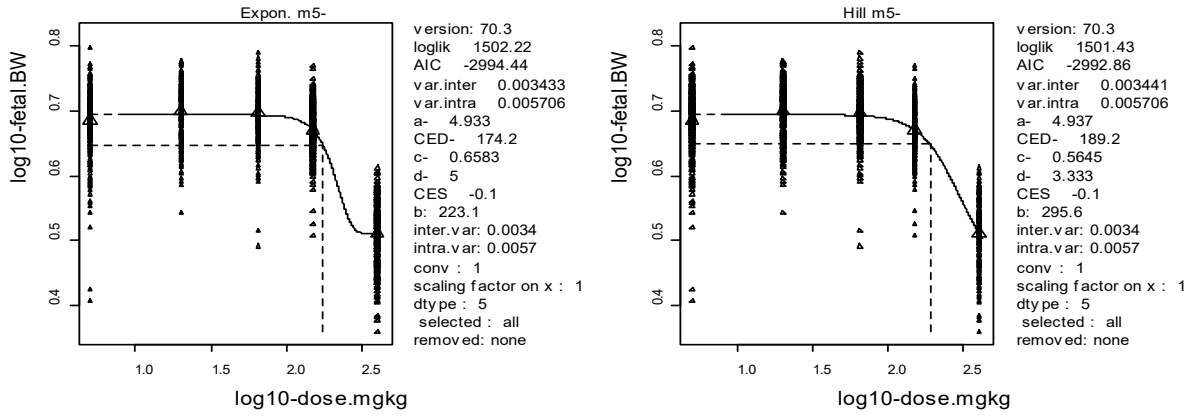
BMD lower limit	BMD upper limit
122	185

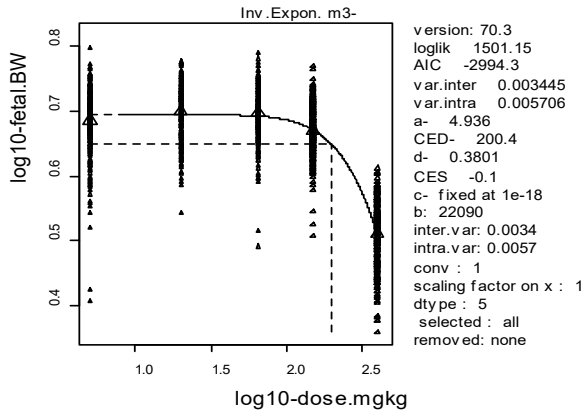
b. BMR = 10%

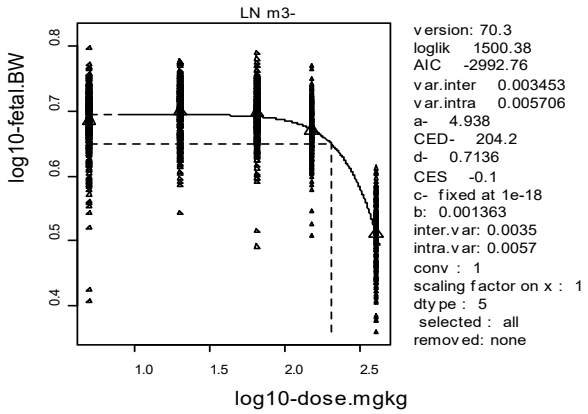
Fitted models

model	loglik	No.par	AIC
full model	1511.81	6	-3011.62
null model	516.82	2	-1029.64
Expon. m3-	1499.04	4	-2990.08
Expon. m5-	1502.22	5	-2994.44
Hill m3-	1499.05	4	-2990.1
Hill m5-	1501.43	5	-2992.86
Inv.Expon. m3-	1501.15	4	-2994.3
Inv.Expon. m5-	1501.52	5	-2993.04
LN m3-	1500.38	4	-2992.76
LN m5-	1501.07	5	-2992.14

Visualization







Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.3549	0.1611	0.3309	0.1532

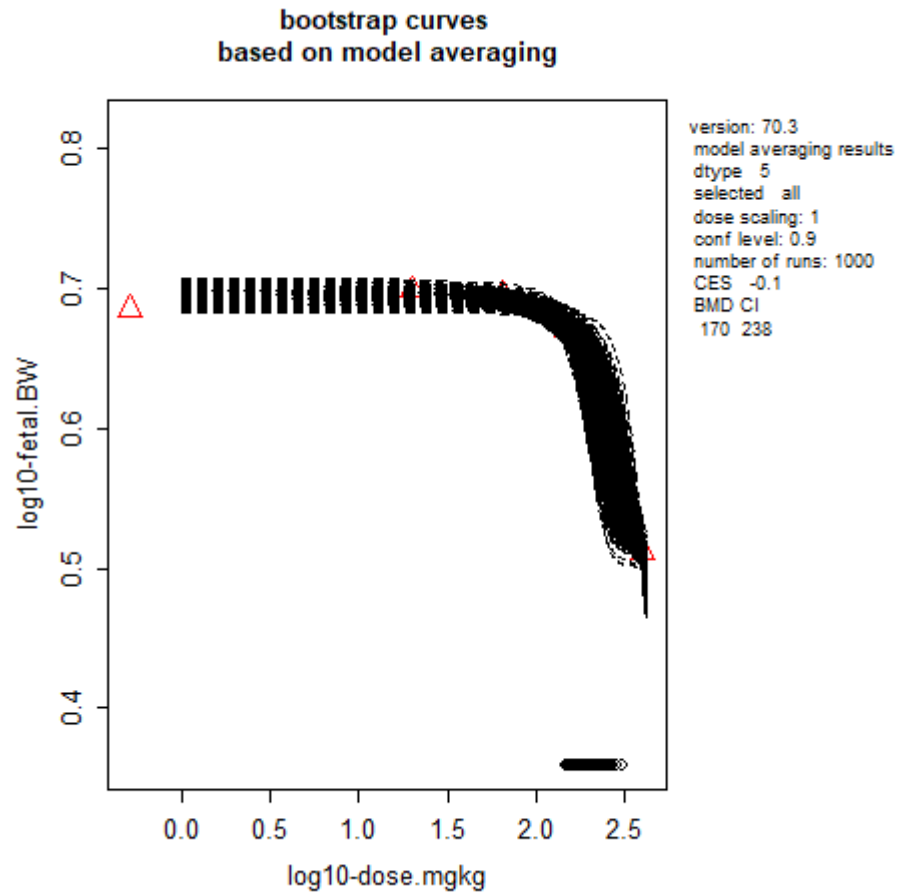


Table 40: The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
166	238

2. Foetal external malformation

Table 41: Data used for the BMD analysis of foetal external malformation. Exposure duration is gestation day 7 through 21

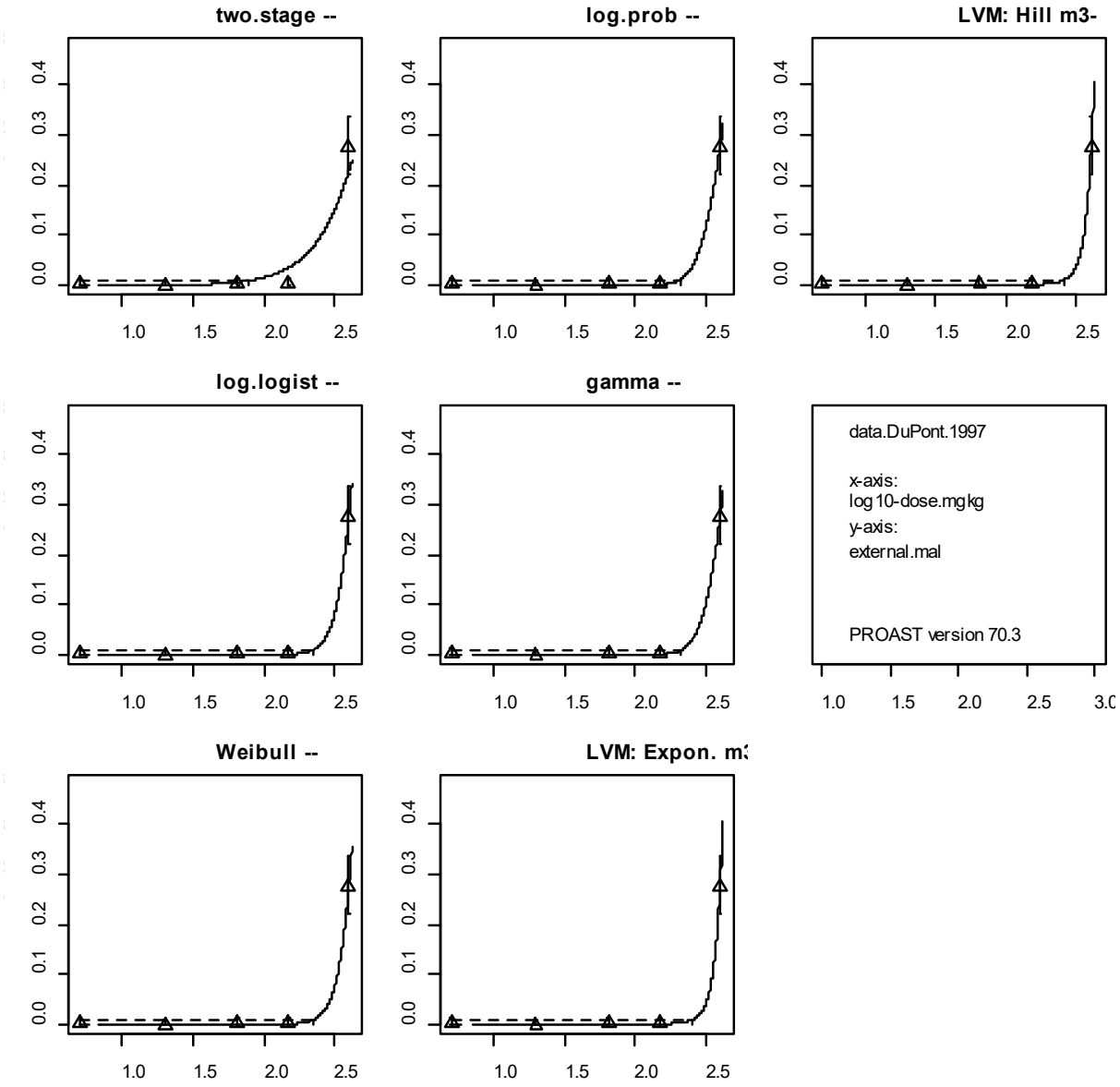
Species	Route	Dose (mg/kg bw/d)	Incidence external malformation	Group size
rat	water	0	1	338
rat	water	20	0	327
rat	water	65	1	339
rat	water	150	1	362
rat	water	400	69	250

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	1	-294.37	590.74
full	5	-167.82	345.64
two.stage	3	-180.87	367.74
log.logist	3	-168.61	343.22
Weibull	3	-168.61	343.22
log.prob	3	-168.61	343.22
gamma	3	-168.61	343.22
LVM: Expon. m3-	3	-168.6	343.2
LVM: Hill m3-	3	-168.6	343.2

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0.1661	0.1661	0.1661	0.1661	0.1678	0.1678

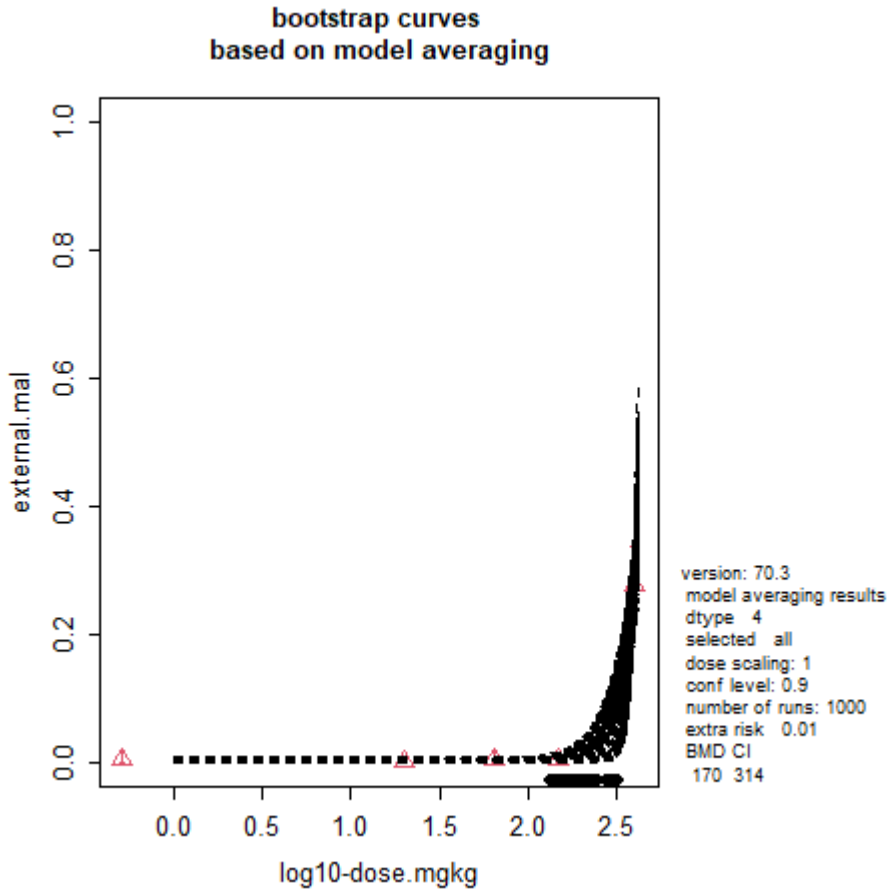


Table 42: The model-average BMD confidence interval based on 1% BMR

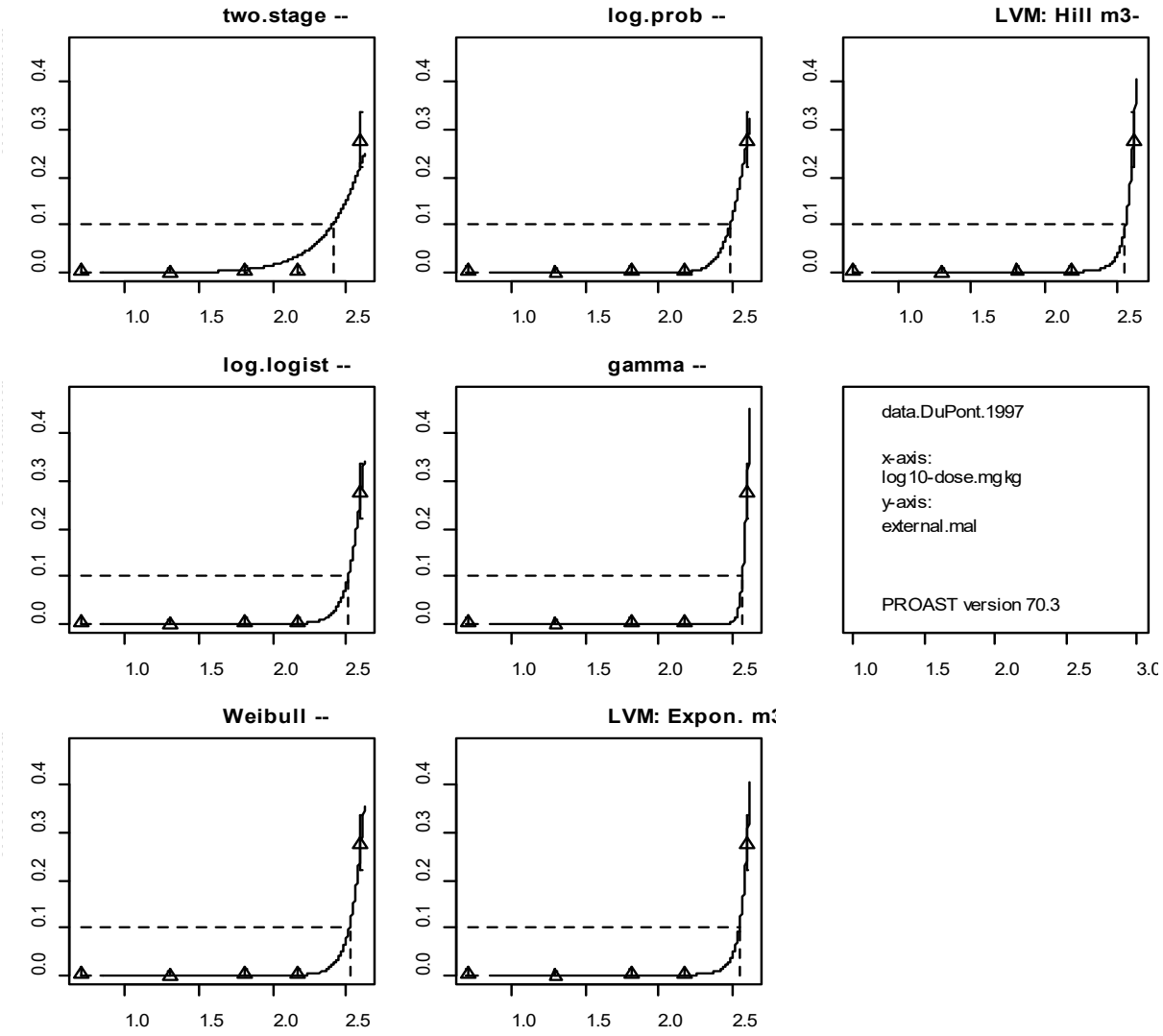
BMD lower limit	BMD upper limit
166	314

b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	1	-294.37	590.74
full	5	-167.82	345.64
two.stage	3	-180.87	367.74
log.logist	3	-168.61	343.22
Weibull	3	-168.61	343.22
log.prob	3	-168.61	343.22
gamma	3	-168.64	343.28
LVM: Expon. m3-	3	-168.6	343.2
LVM: Hill m3-	3	-168.6	343.2

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0.1669	0.1669	0.1669	0.162	0.1686	0.1686

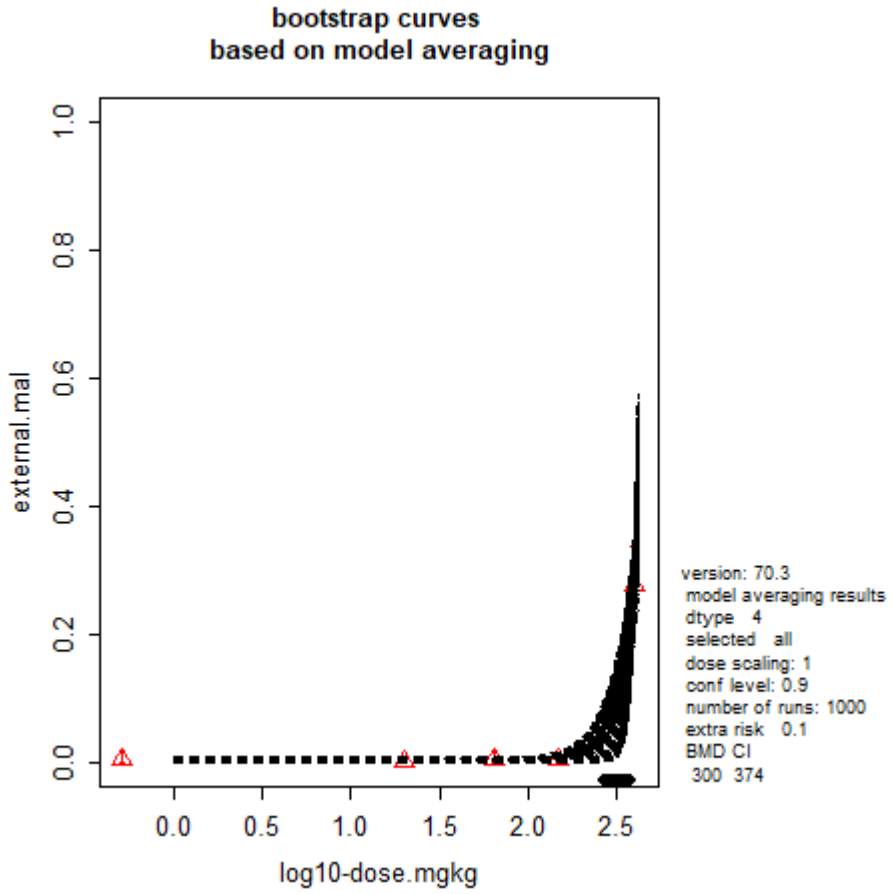


Table 43: The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
296	374

3. Foetal visceral malformation

Table 44: Data used for the BMD analysis. Exposure duration is gestation day 7 through 21 (day.7.21)

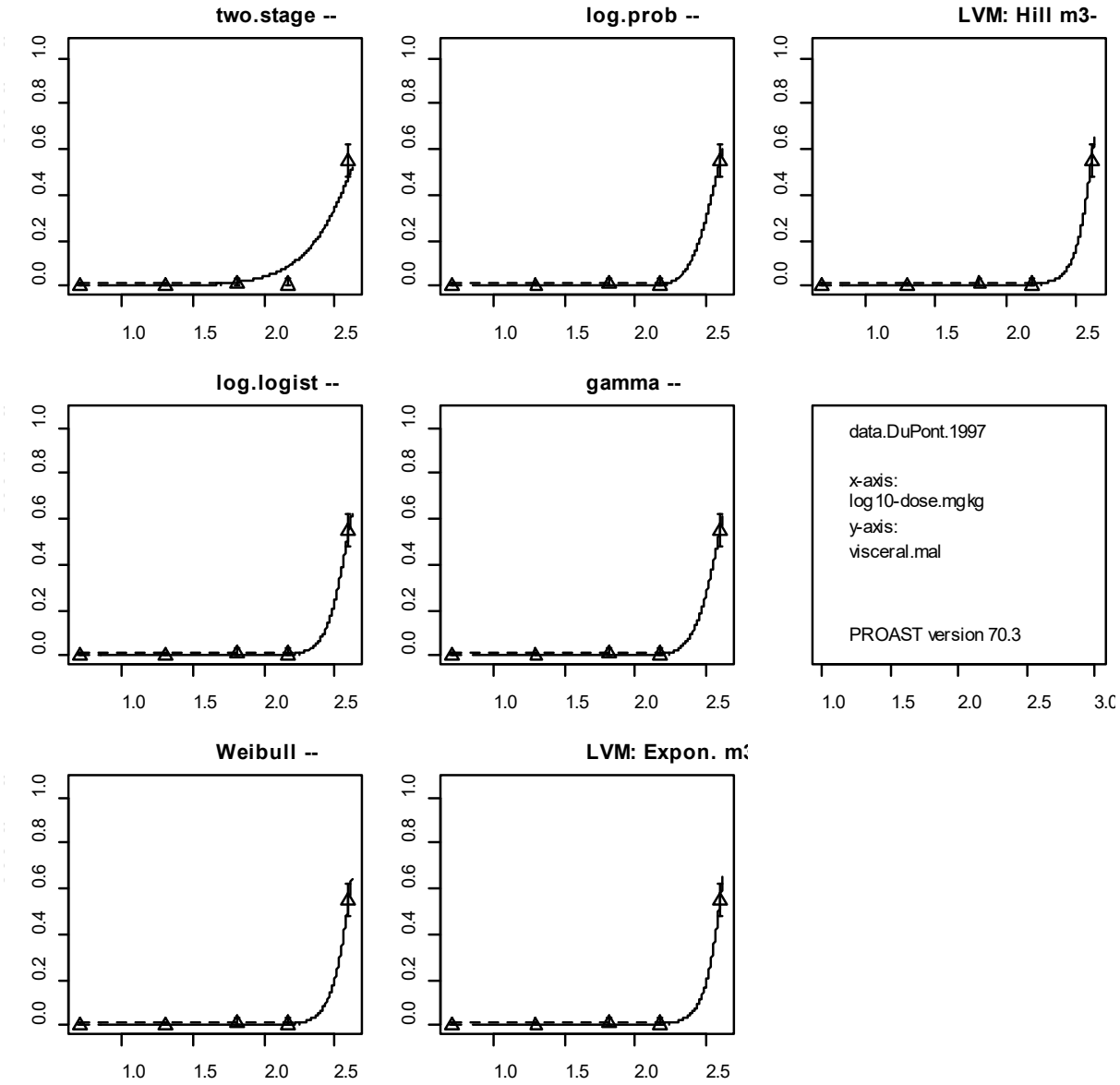
Species	Route	Dose (mg/kg bw/d)	Incidence visceral malformation	Group size
rat	water	0	0	184
rat	water	20	0	172
rat	water	65	1	177
rat	water	150	1	190
rat	water	400	113	206

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	1	-347.82	697.64
full	5	-154.23	318.46
two.stage	3	-170.95	347.9
log.logist	3	-155.33	316.66
Weibull	3	-155.33	316.66
log.prob	3	-155.34	316.68
gamma	3	-155.34	316.68
LVM: Expon. m3-	3	-155.16	316.32
LVM: Hill m3-	3	-155.16	316.32

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0.1575	0.1575	0.1559	0.1559	0.1866	0.1866

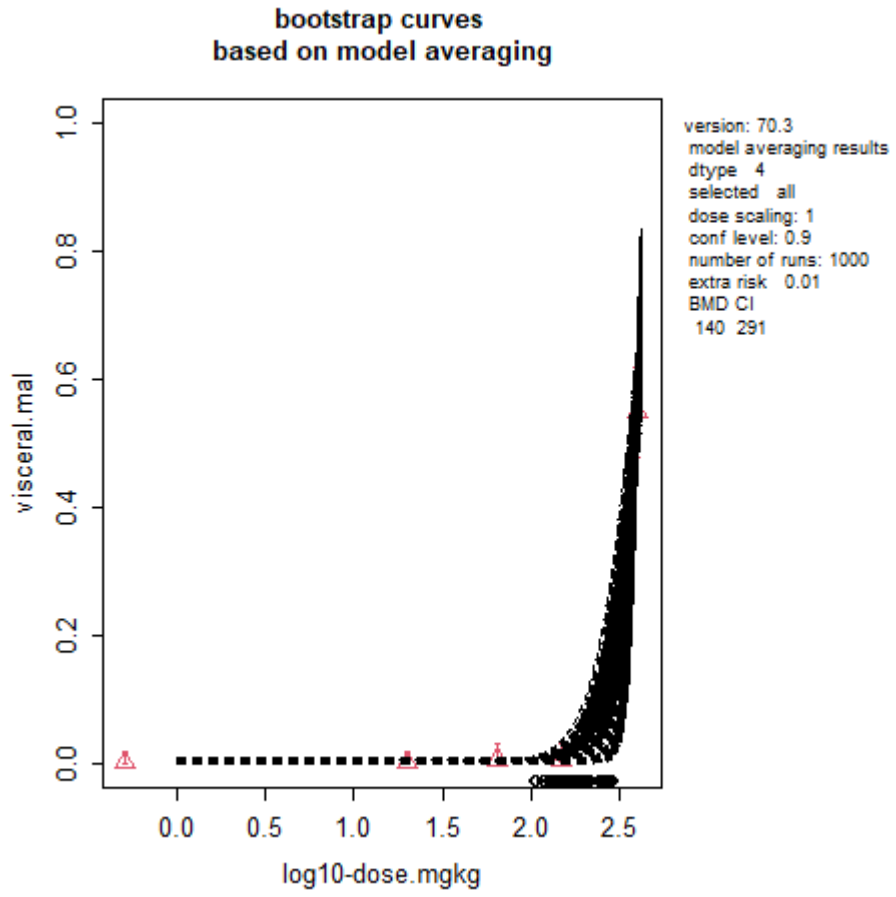


Table 45: The model-average BMD confidence interval based on 1% BMR

BMD lower limit	**BMD upper limit**
137	291

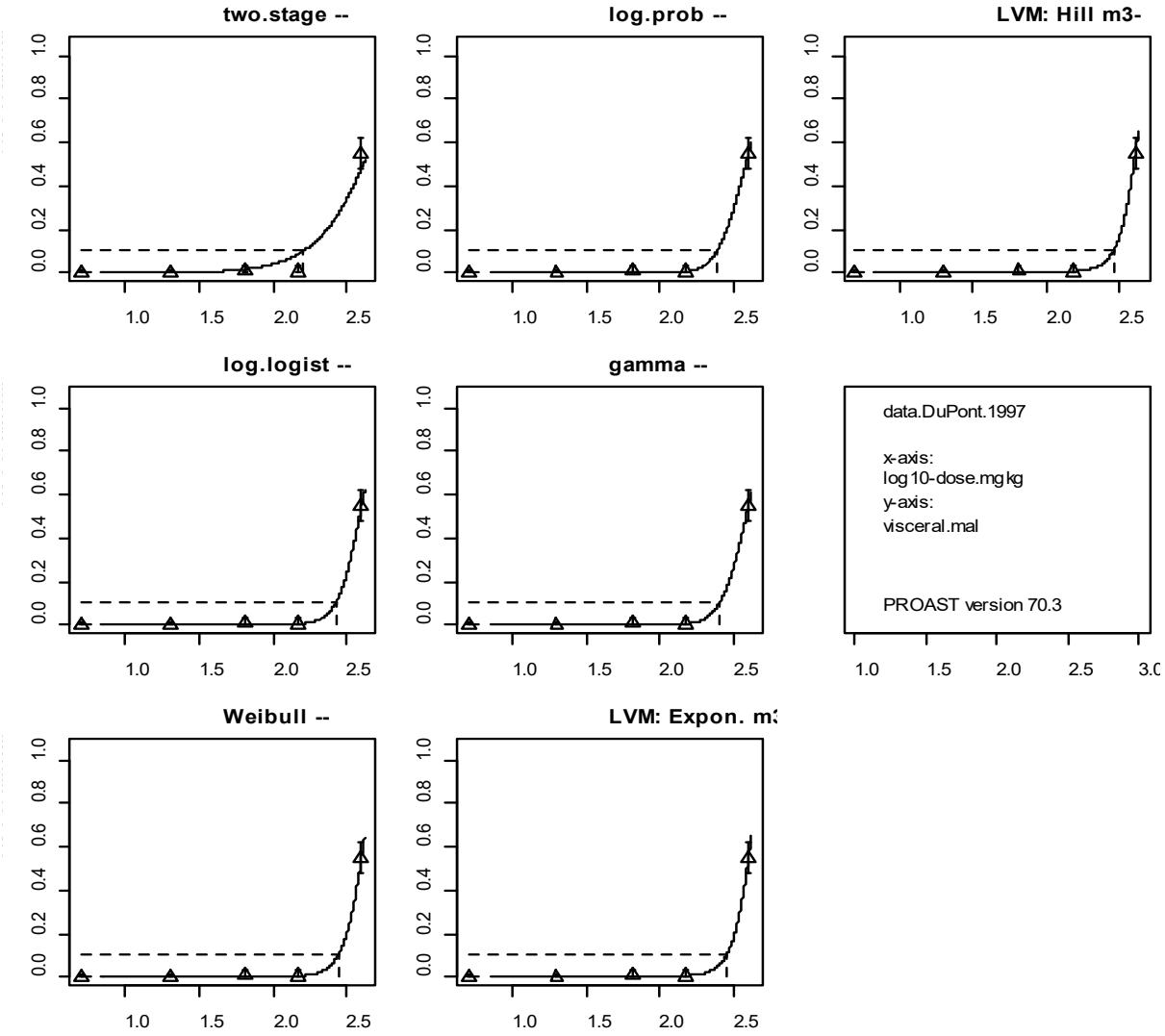
b. BMR = 10%

Fitted models

model	**No.par**	**loglik**	**AIC**
null	1	-347.82	697.64
full	5	-154.23	318.46

model	No.par	loglik	AIC
two.stage	3	-170.95	347.9
log.logist	3	-155.33	316.66
Weibull	3	-155.33	316.66
log.prob	3	-155.34	316.68
gamma	3	-155.34	316.68
LVM: Expon. m3-	3	-155.16	316.32
LVM: Hill m3-	3	-155.16	316.32

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0.1575	0.1575	0.1559	0.1559	0.1866	0.1866

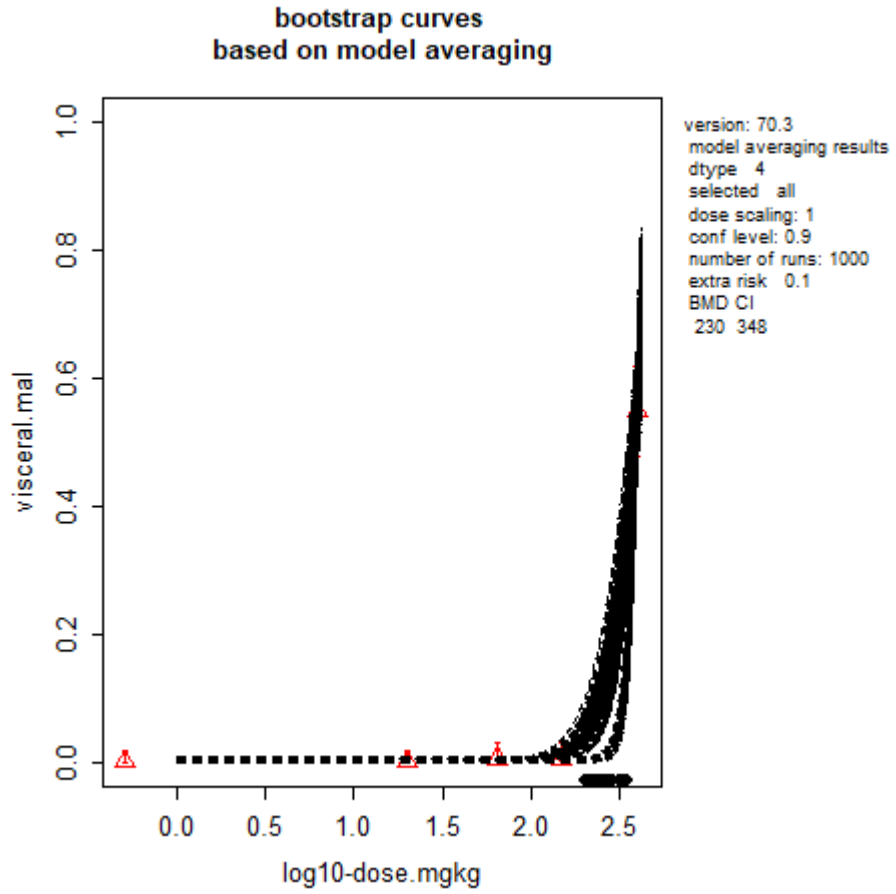


Table 2.4.3.3 The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
232	348

4. Foetal head malformation

Table 46: Data used for the BMD analysis. Exposure duration is gestation day 7 through 21

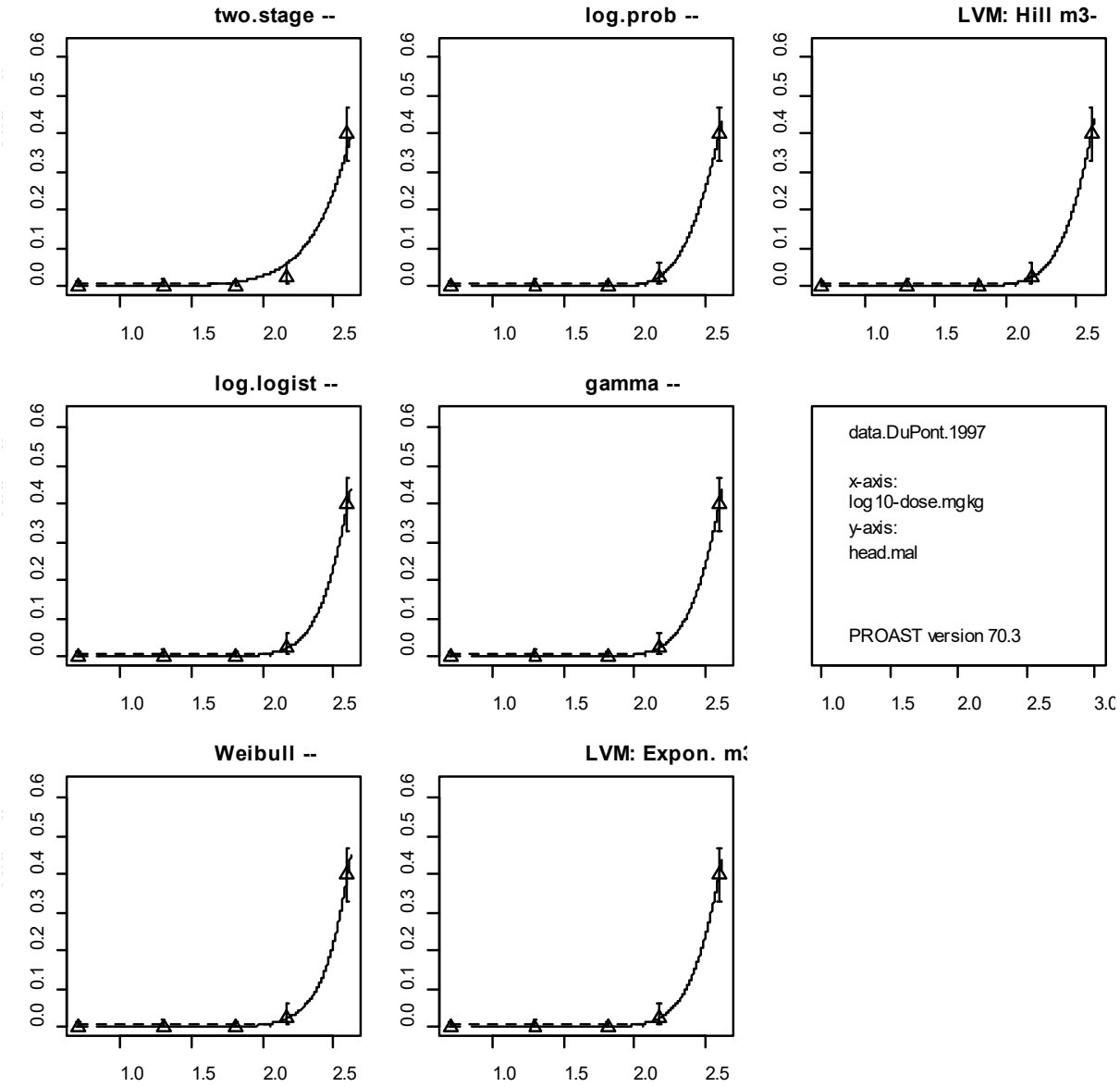
Species	Route	Dose (mg/kg bw/d)	Incidence head malformation	Group size
rat	water	0	0	183
rat	water	20	0	171
rat	water	65	0	177
rat	water	150	5	190
rat	water	400	82	206

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	1	-288.63	579.26
full	5	-161.6	333.2
two.stage	3	-167	340
log.logist	3	-161.89	329.78
Weibull	3	-161.95	329.9
log.prob	3	-161.66	329.32
gamma	3	-161.78	329.56
LVM: Expon. m3-	3	-161.84	329.68
LVM: Hill m3-	3	-161.83	329.66

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0009	0.1554	0.1463	0.1956	0.1734	0.1633	0.165

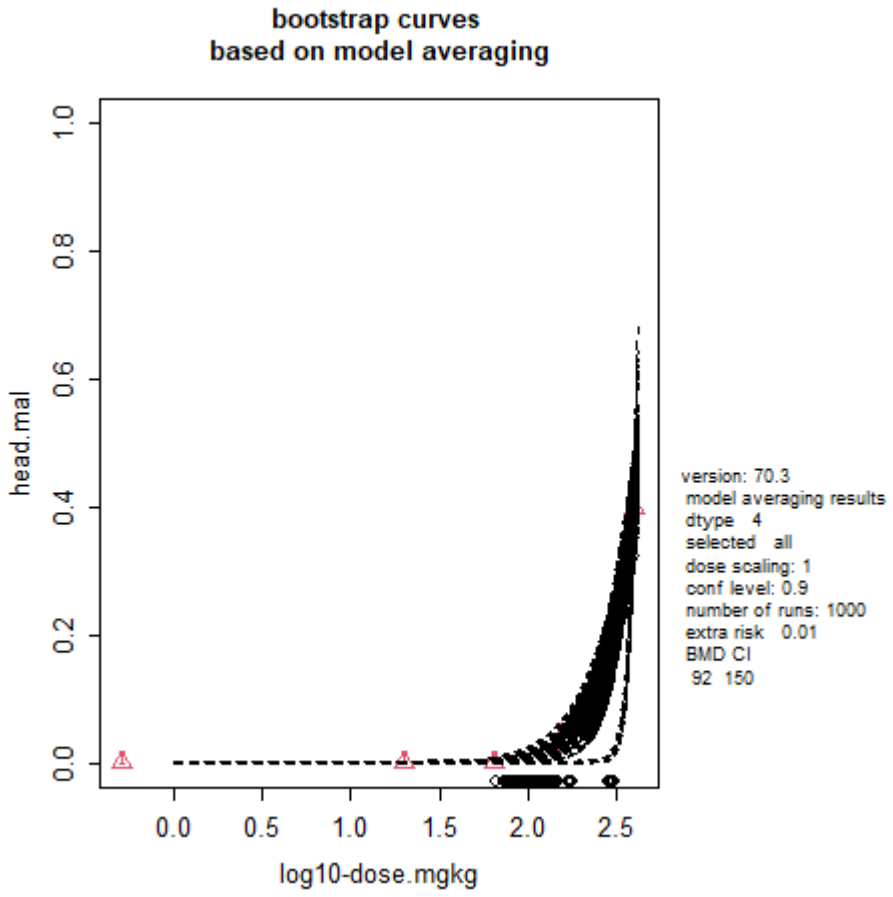


Table 47: The model-average BMD confidence interval based on 1% BMR

BMD lower limit	**BMD upper limit**
91.8	150

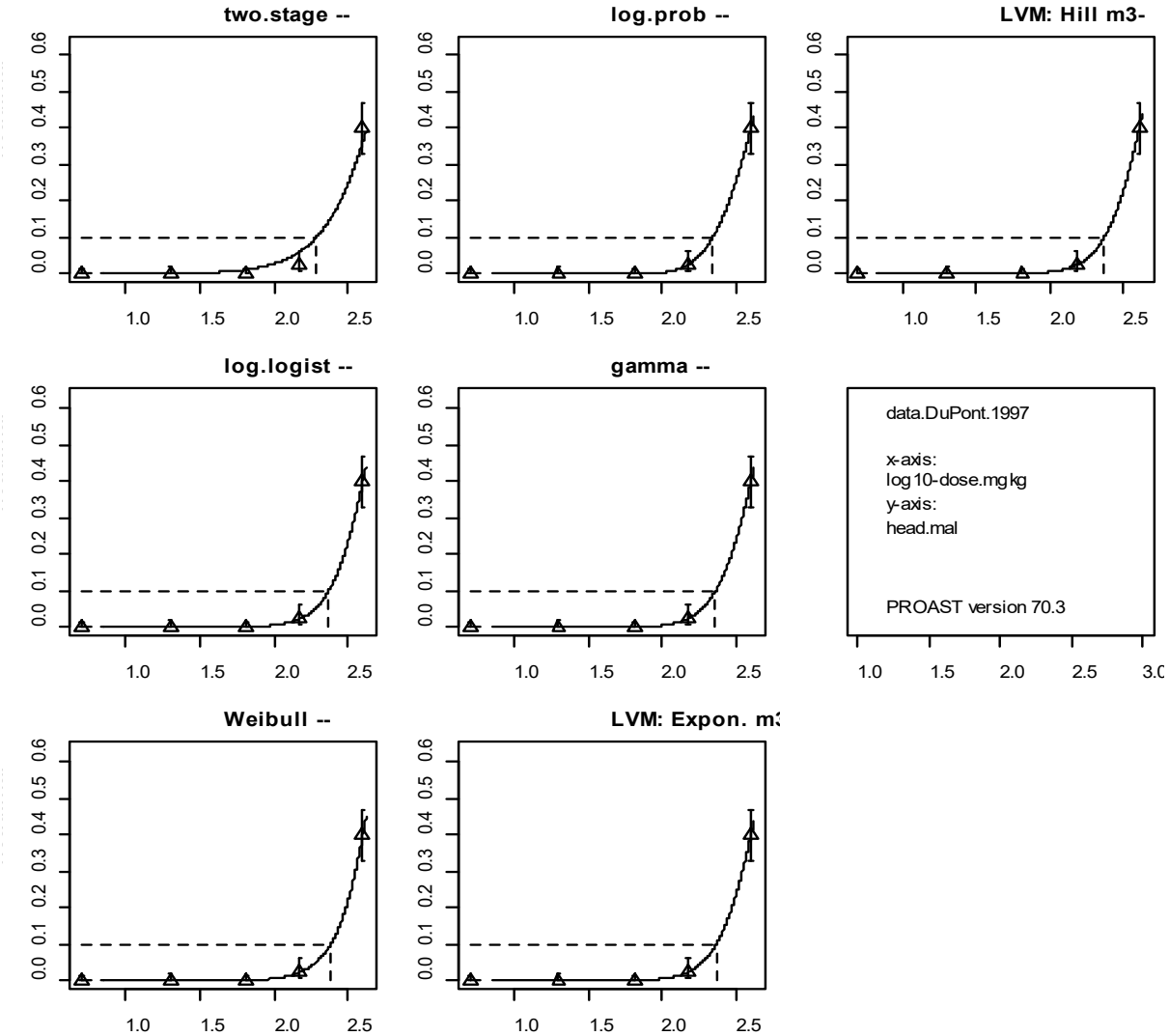
b. BMR = 10%

Fitted models

model	**No.par**	**loglik**	**AIC**
null	1	-288.63	579.26
full	5	-161.6	333.2

model	No.par	loglik	AIC
two.stage	3	-167	340
log.logist	3	-161.89	329.78
Weibull	3	-161.95	329.9
log.prob	3	-161.66	329.32
gamma	3	-161.78	329.56
LVM: Expon. m3-	3	-161.84	329.68
LVM: Hill m3-	3	-161.83	329.66

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0009	0.1554	0.1463	0.1956	0.1734	0.1633	0.165

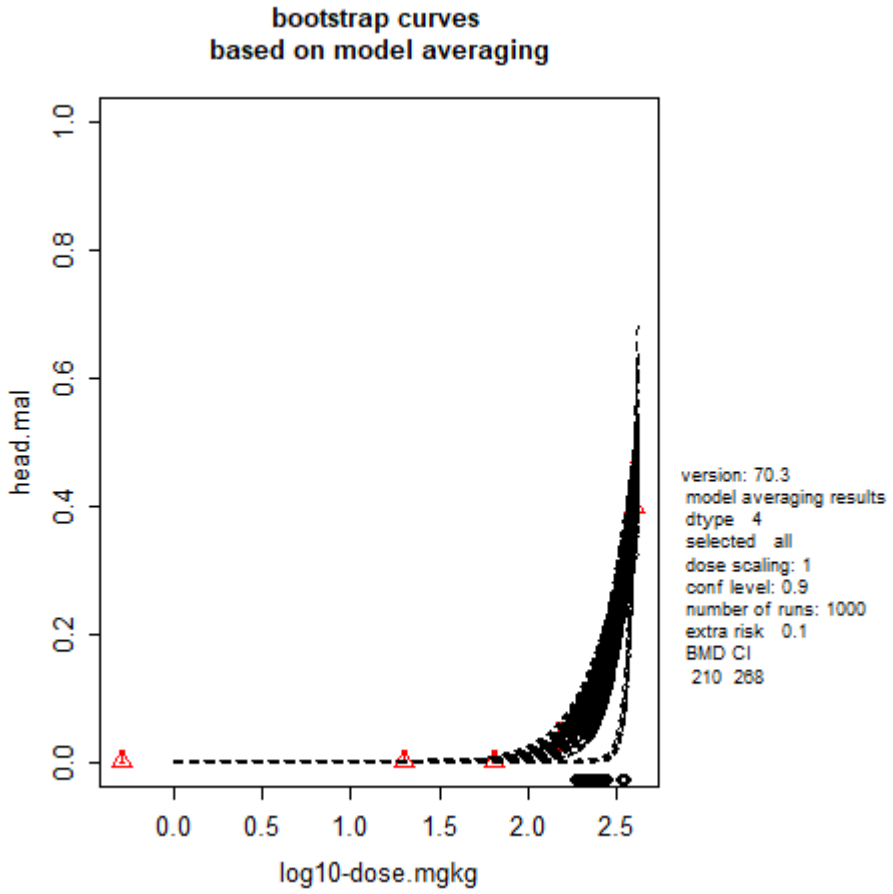


Table 48: The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
209	268

5. Foetal skeletal malformation

Table 49: Data used for analysis. Exposure duration is gestation day 7 through 21

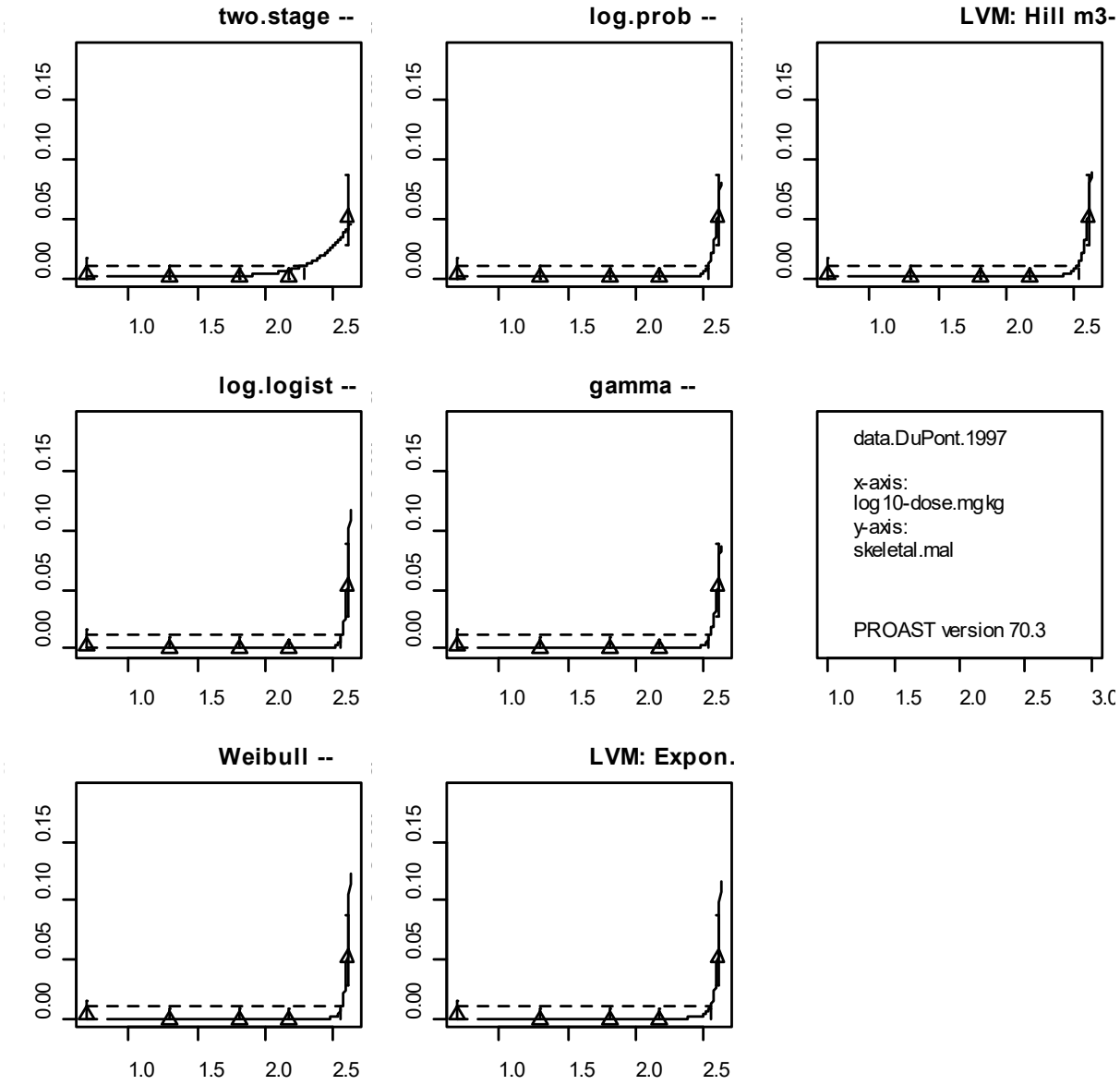
Species	Route	Dose (mg/kg bw/d)	Incidence skeletal malformation	Group size
rat	water	0	1	338
rat	water	20	0	327
rat	water	65	0	339
rat	water	150	0	362
rat	water	400	13	250

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	1	-80.42	162.84
full	5	-57.91	125.82
two.stage	3	-62.16	130.32
log.logist	3	-59.31	124.62
Weibull	3	-59.31	124.62
log.prob	3	-59.31	124.62
gamma	3	-59.31	124.62
LVM: Expon. m3-	3	-59.32	124.64
LVM: Hill m3-	3	-59.37	124.74

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0097	0.167	0.167	0.167	0.167	0.1653	0.1572

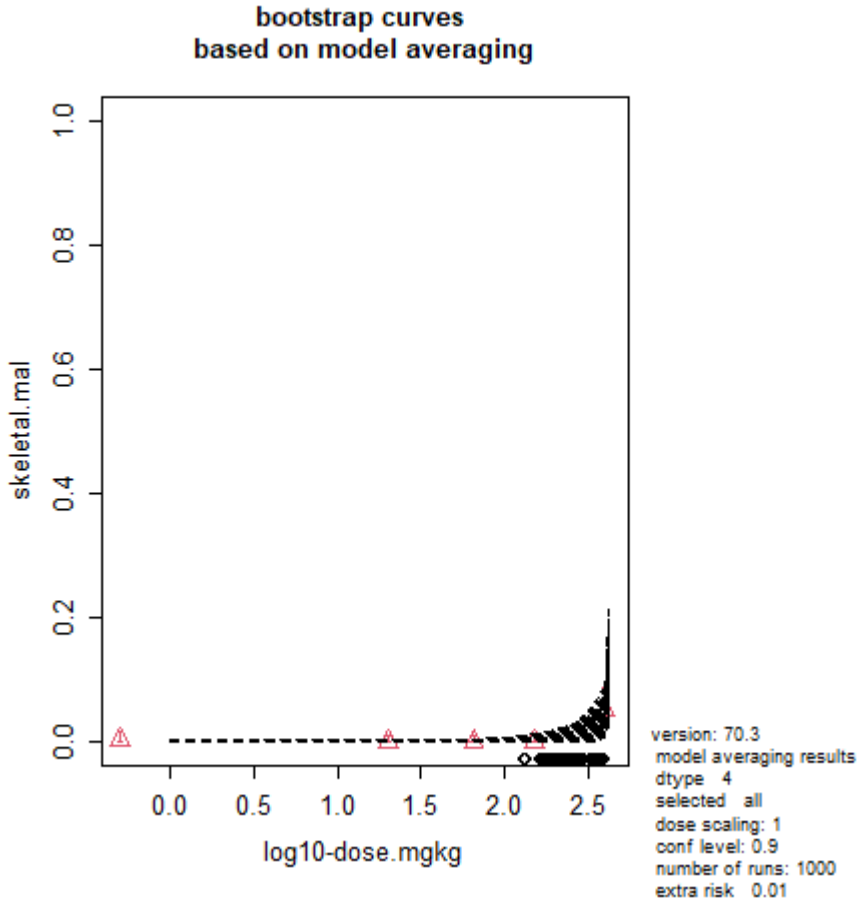


Table 50: The model-average BMD confidence interval based on 1% BMR

BMD lower limit	**BMD upper limit**
217	372

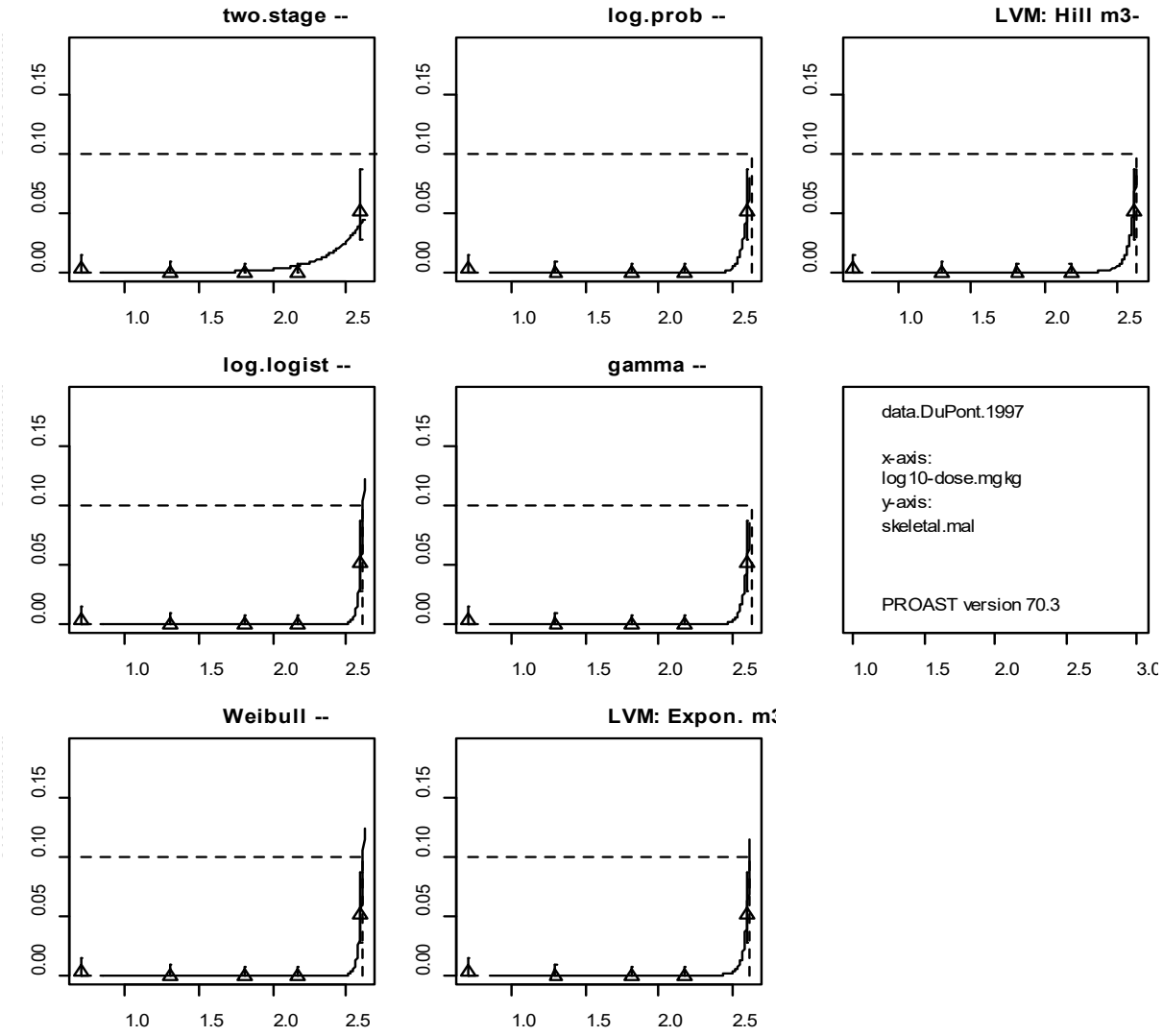
b. BMR = 10%

Fitted models

model	**No.par**	**loglik**	**AIC**
null	1	-80.42	162.84
full	5	-57.91	125.82
two.stage	3	-62.16	130.32
log.logist	3	-59.31	124.62

model	No.par	loglik	AIC
Weibull	3	-59.31	124.62
log.prob	3	-59.31	124.62
gamma	3	-59.31	124.62
LVM: Expon. m3-	3	-59.32	124.64
LVM: Hill m3-	3	-59.37	124.74

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0097	0.167	0.167	0.167	0.167	0.1653	0.1572

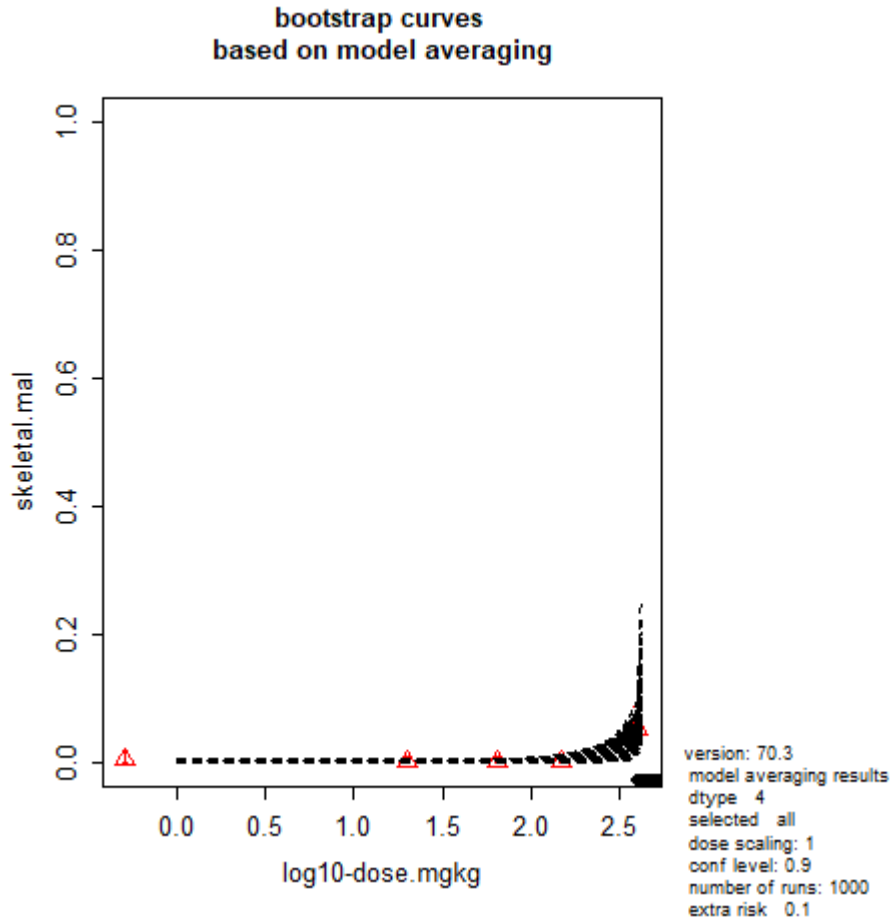


Table 51: The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
407	577

Monsanto (1993)

1. Hypertrophy/hyperplasia

Table 52: Data used for the analysis of hypertrophy/hyperplasia of rat. Exposure duration is 24 months. Exposure route is oral

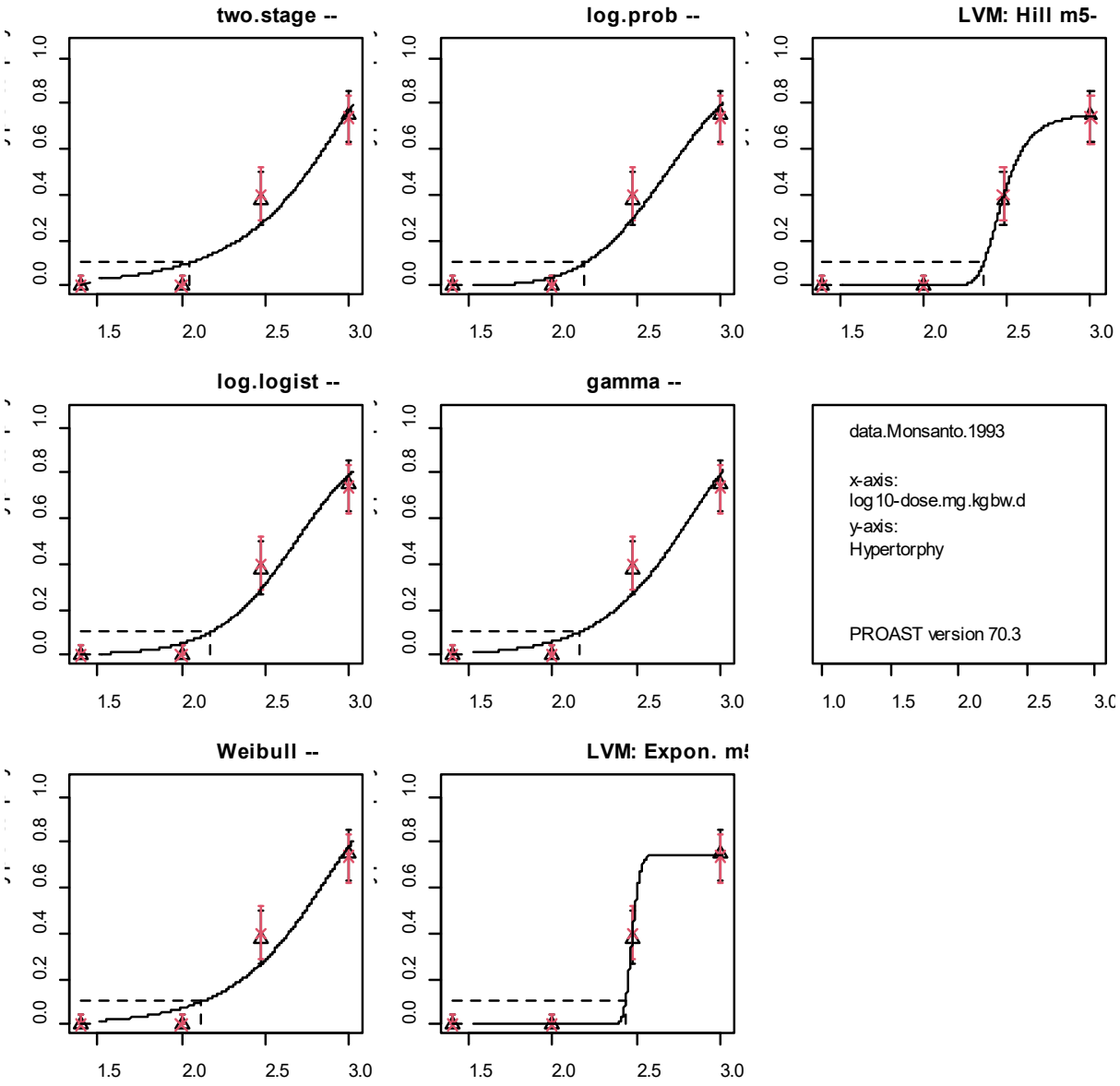
Dose (mg/kg bw/d)	Sex	Incidence of hypertrophy/hyperplasia	Group size
0	m	0	70
100	m	0	70
300	m	28	70

Dose (mg/kg bw/d)	Sex	Incidence of hypertrophy/hyperplasia	Group size
1000	m	51	69
0	f	0	70
100	f	0	68
300	f	26	69
1000	f	52	69

Fitted models

model	No.par	loglik	AIC
null	1	-330.59	663.18
full	8	-171.06	358.12
two.stage	3	-188.63	383.26
log.logist	3	-182.09	370.18
Weibull	3	-186.39	378.78
log.prob	3	-179.97	365.94
gamma	3	-185.12	376.24
LVM: Expon. m5-	4	-171.01	350.02
LVM: Hill m5-	4	-171.01	350.02

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0	0	0.0002	0	0.4999	0.4999

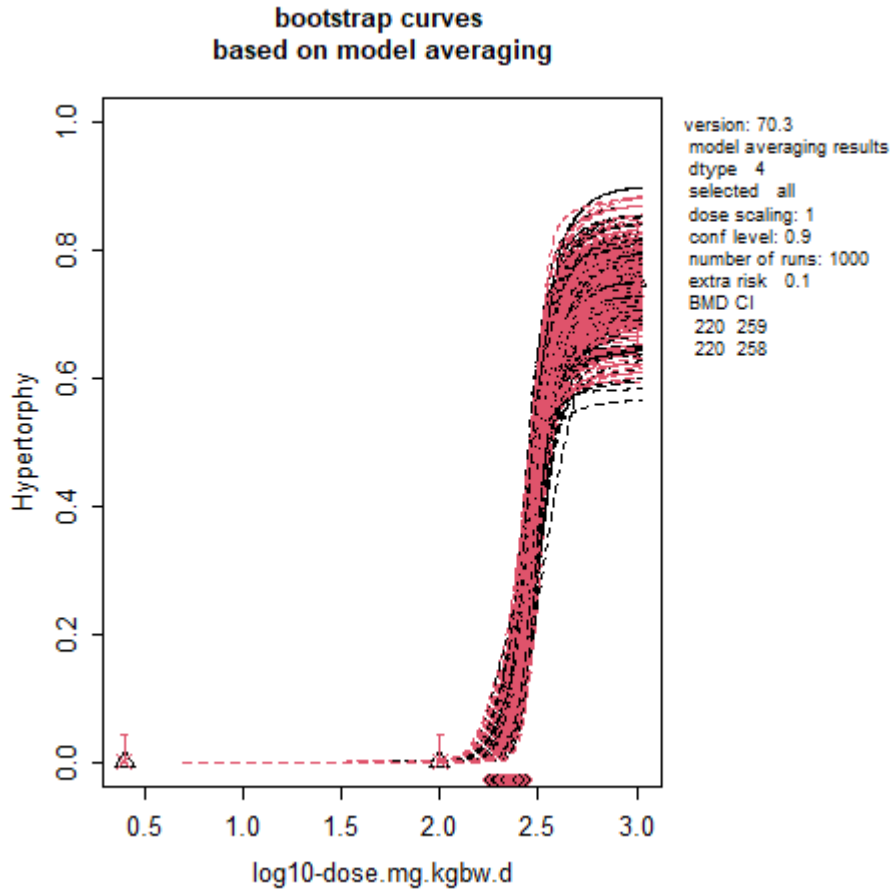


Table 53: The model-average BMD confidence interval based on 10% BMR

subgroup	BMD lower limit	BMD upper limit
f	223	259
m	222	258

2. Vesiculated/vacuolated hepatocellular cytoplasm

Table 54: Data used for the analysis of vesiculated/vacuolated hepatocellular cytoplasm of rat. Exposure duration is 24 months. Exposure route is oral

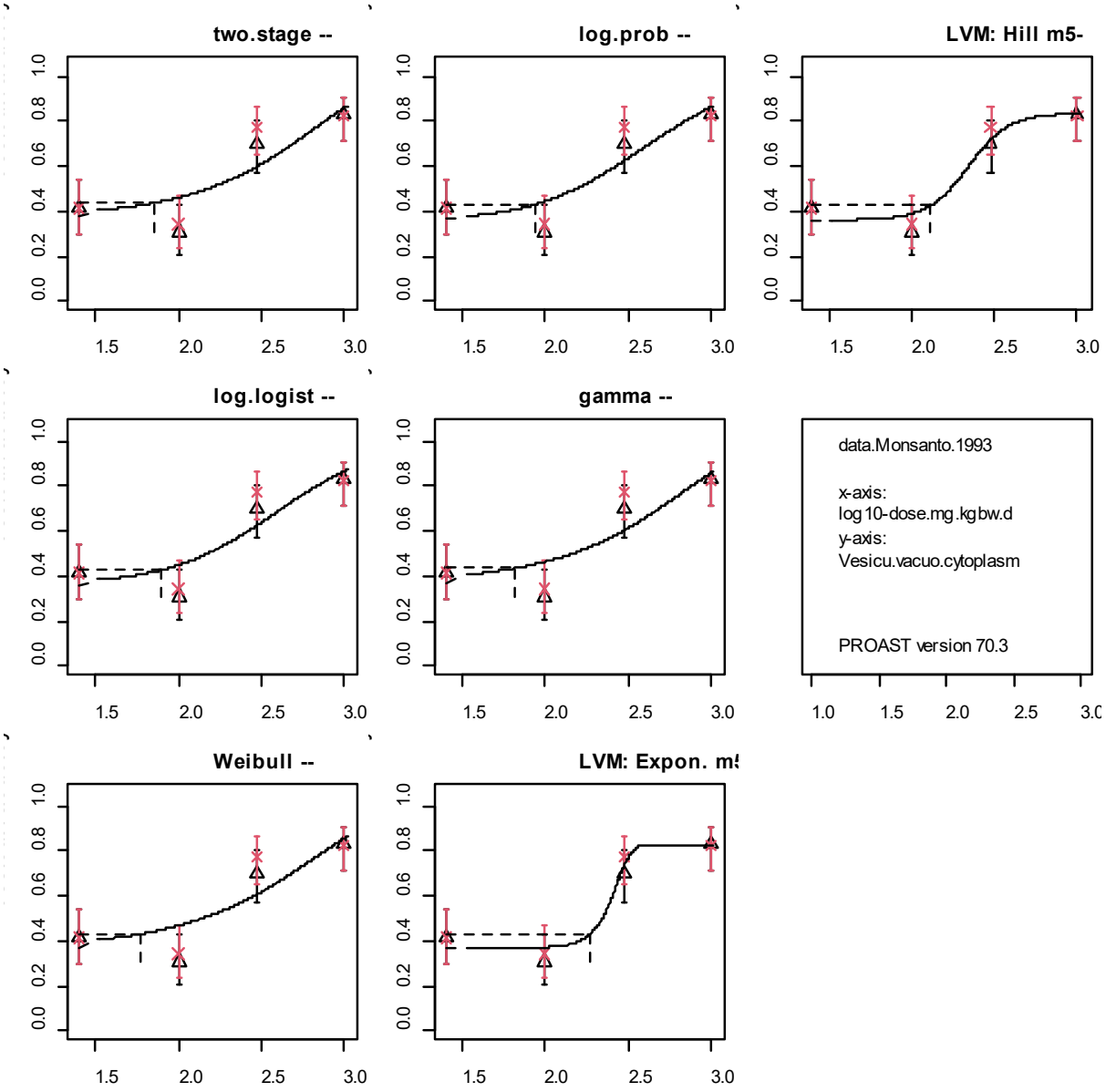
Dose (mg/kg bw/d)	Sex	Incidence of vesiculated/vacuolated hepatocellular cytoplasm	Group size
0	m	29	70
100	m	24	70
300	m	54	70
1000	m	57	69
0	f	29	70

100	f	21	68
300	f	48	69
1000	f	57	69

Fitted models

model	No.par	loglik	AIC
null	1	-378.47	758.94
full	8	-325.8	667.6
two.stage	3	-338.12	682.24
log.logist	3	-335.9	677.8
Weibull	3	-338.02	682.04
log.prob	3	-335.53	677.06
gamma	3	-338.11	682.22
LVM: Expon. m5-	4	-327.64	663.28
LVM: Hill m5-	4	-328.56	665.12

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0001	0.0005	0.0001	0.0007	0.0001	0.714	0.2846

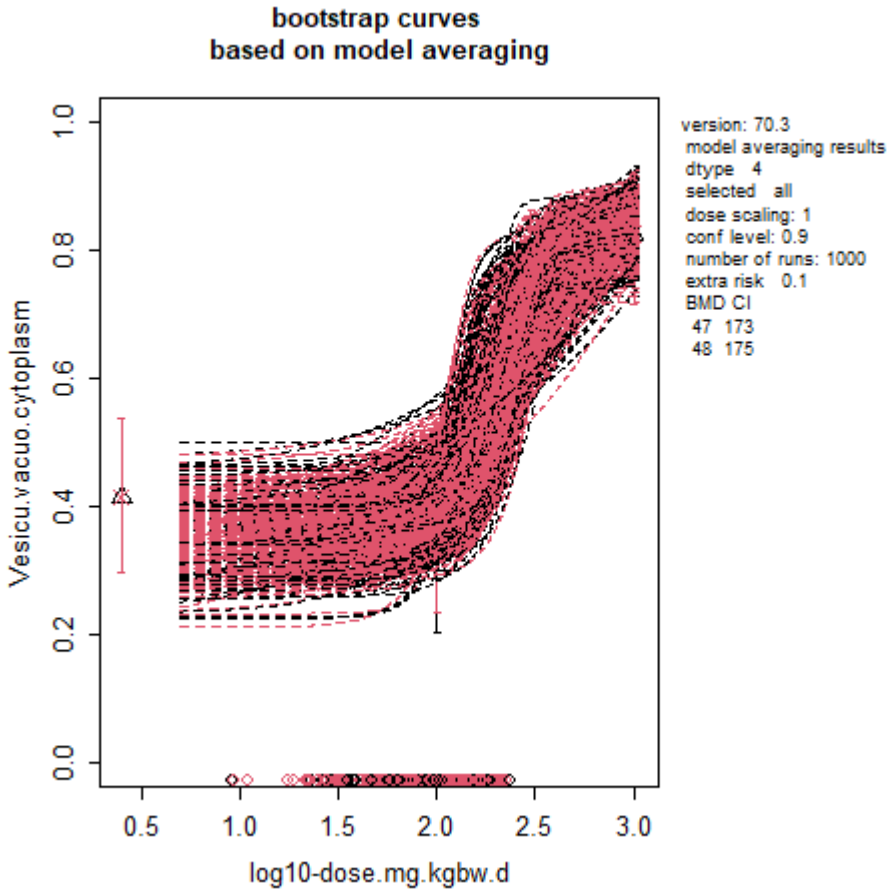


Table 55: The model-average BMD confidence interval based on 10% BMR

subgroup	BMD lower limit	BMD upper limit
f	46.7	173
m	48.1	175

3. Hepatocellular necrosis

Table 56: Data used for the analysis of hepatocellular necrosis of rat. Exposure duration is 24 months. Exposure route is oral

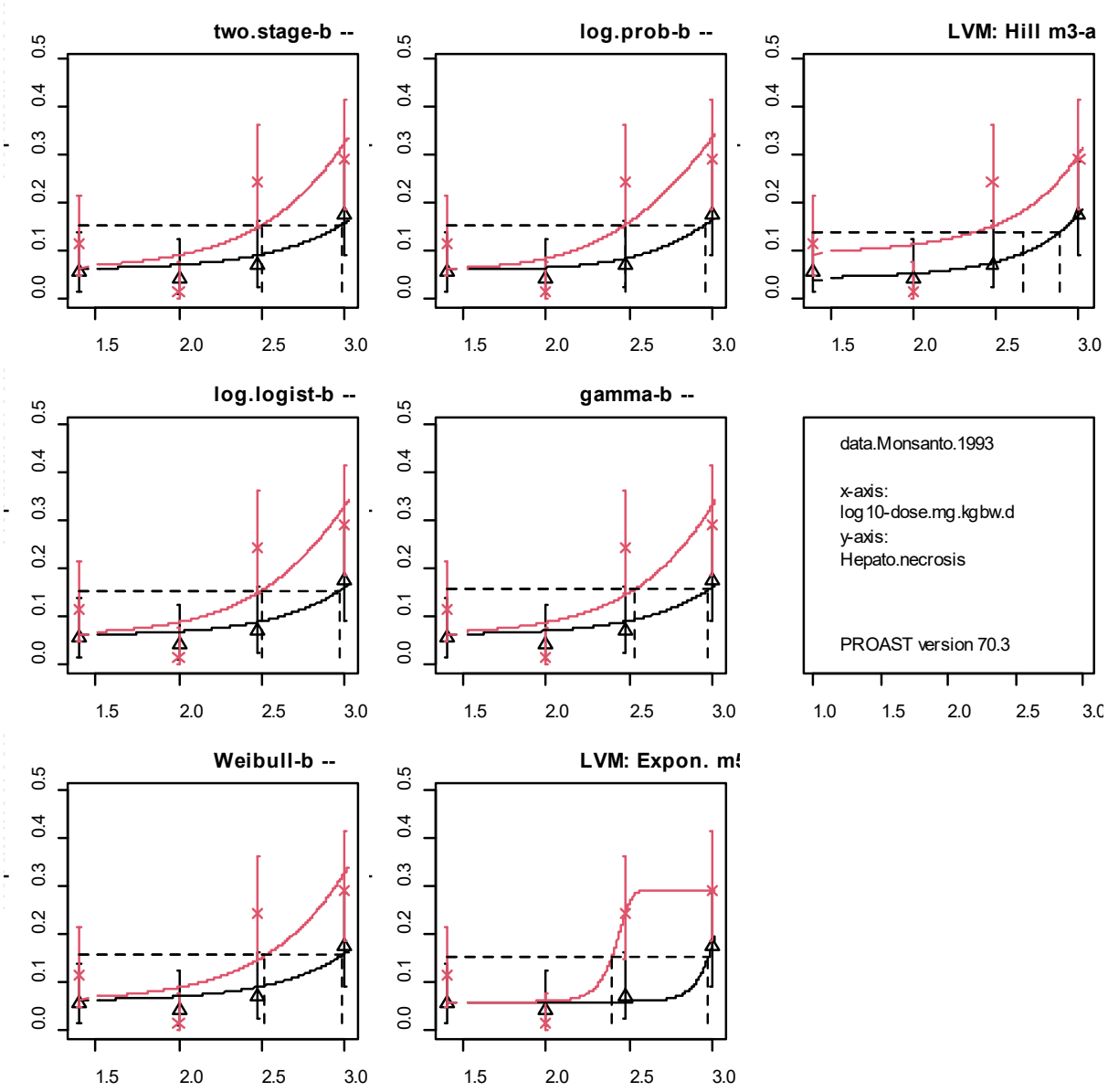
Dose (mg/kg bw/d)	Sex	Incidence hepatocellular necrosis	Group size
0	m	8	70
100	m	1	70
300	m	17	70
1000	m	20	69
0	f	4	70
100	f	3	68

Dose (mg/kg bw/d)	Sex	Incidence hepatocellular necrosis	Group size
300	f	5	69
1000	f	12	69

Fitted models

model	No.par	loglik	AIC
null	2	-206.44	416.88
full	8	-187.91	391.82
two.stage-b	4	-196.02	400.04
log.logist-b	4	-195.8	399.6
Weibull-b	4	-196.01	400.02
log.prob-b	4	-195.18	398.36
gamma-b	4	-195.99	399.98
LVM: Expon. m5-b	5	-191.53	393.06
LVM: Hill m3-a	4	-195.61	399.22

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0245	0.0305	0.0247	0.0566	0.0252	0.8017	0.0368

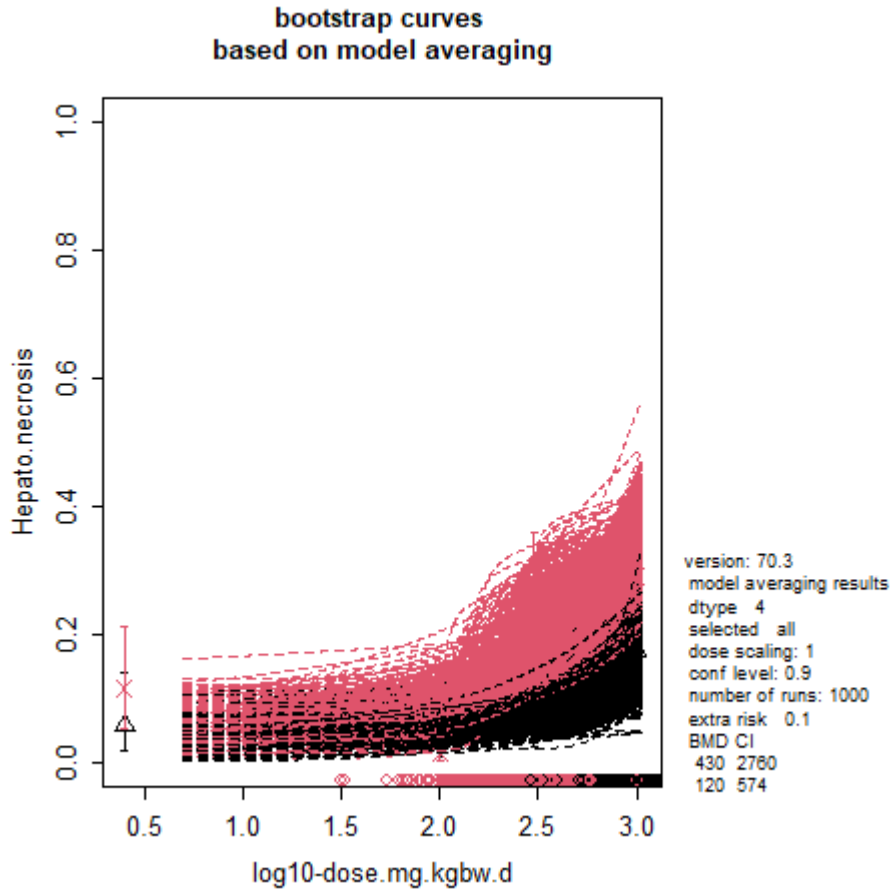


Table 2.5.3.2 The model-average BMD confidence interval based on 10% BMR

subgroup	BMD lower limit	BMD upper limit
f	426	2760
m	123	574

4. Intracytoplasmic brown pigment

Table 57: Data used for the analysis of intracytoplasmic brown pigment of rat. Exposure duration is 24 months. Exposure route is oral

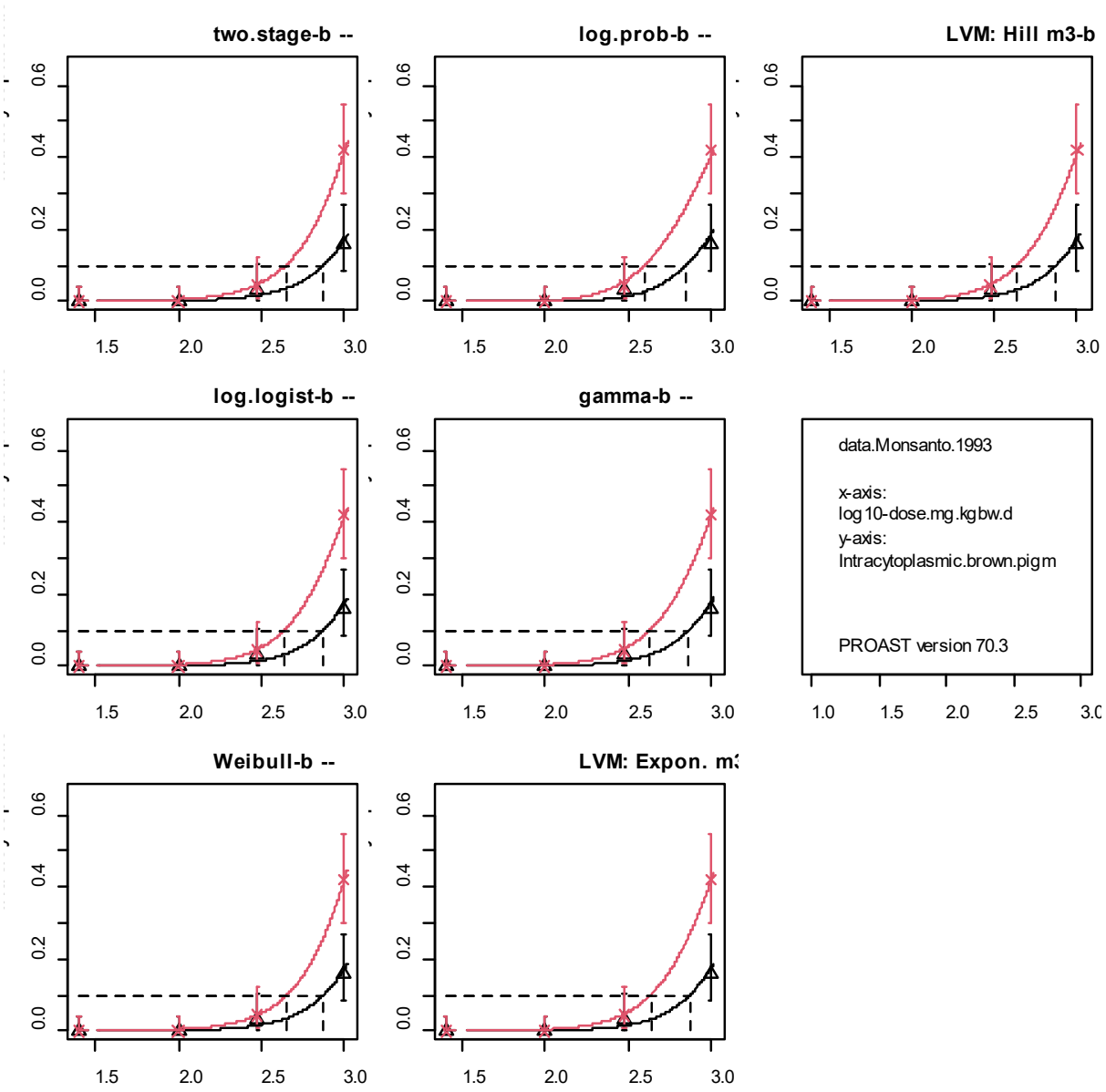
Dose (mg/kg bw/d)	Sex	Incidence intracytoplasmic brown pigment	Group size
0	m	0	70
100	m	0	70
300	m	3	70
1000	m	29	69
0	f	0	70
100	f	0	68
300	f	2	69

Dose (mg/kg bw/d)	Sex	Incidence intracytoplasmic brown pigment	Group size
1000	f	11	69

Fitted models

model	No.par	loglik	AIC
null	2	-151.8	307.6
full	8	-98.67	213.34
two.stage-b	4	-99.47	206.94
log.logist-b	4	-99.51	207.02
Weibull-b	4	-99.45	206.9
log.prob-b	4	-99.71	207.42
gamma-b	4	-99.49	206.98
LVM: Expon. m3-b	4	-99.51	207.02
LVM: Hill m3-b	4	-99.52	207.04

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.1502	0.1443	0.1532	0.1181	0.1472	0.1443	0.1428

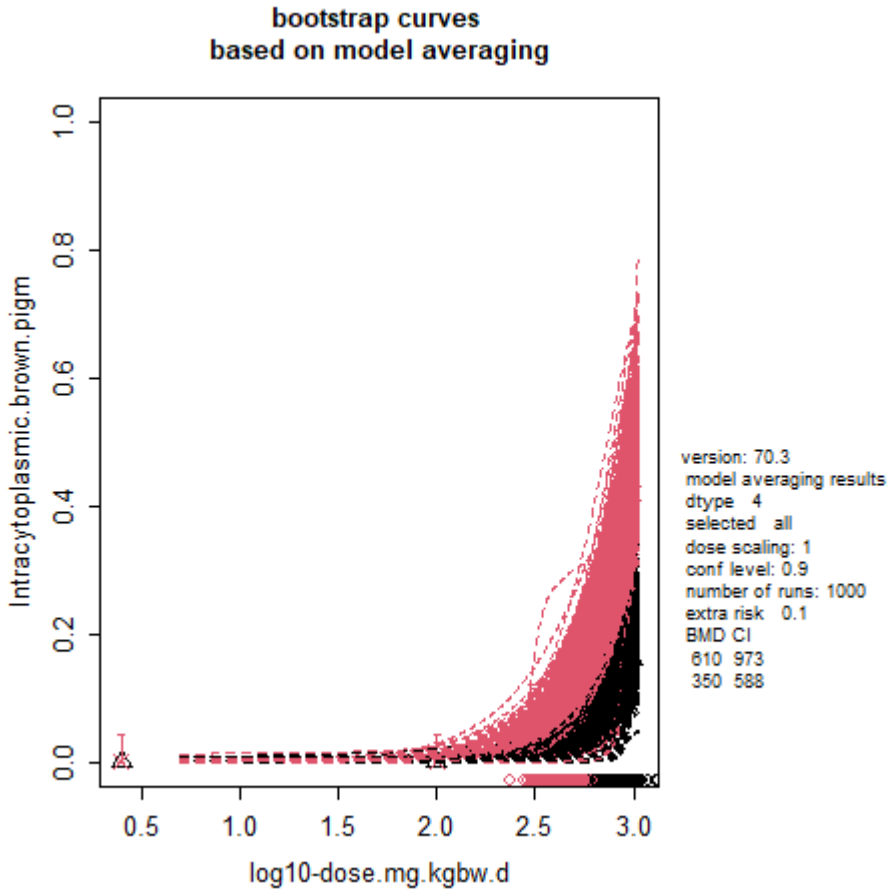


Table 58: The model-average BMD confidence interval based on 10% BMR

subgroup	BMD lower limit	BMD upper limit
f	609	973
m	347	588

III. Dose-response analysis of NEP

Table 59: Overview of BMDL and BMDU derived from oral and dermal studies for NEP. BASF (2005) and BASF (2010) are dermal studies, the other studies are oral studies. All values are rounded to two significant numbers. BMDU values larger than 1×106 are indicated by Inf(inity) for readability. Subgroups of BASF (2006) are indicated by the sex of rat. BMD confidence intervals are printed in italics when the BMDU/BMDL ratio is larger than a factor 10.

Study (route)	Endpoint	BMR	Subgroup	BMDL (mg/kg bw/day)	BMDU (mg/kg bw/day)
Saillenfait et al. (2007)and BASF (2007a, 2007b) (oral)	Foetal body weight	5%[a]	BASF (2007a)	160	310
			BASF (2007b)	130	160

Study (route)	Endpoint	BMR	Subgroup	BMDL (mg/kg bw/day)	BMDU (mg/kg bw/day)
			Saillenfait et al. (2007)	210	230
		10%[a]	BASF (2007a)	210	410
			BASF (2007b)	170	210
			Saillenfait et al. (2007)	280	290
	Foetal external malformation	1%[b]	BASF (2007a)	*160*	*2500*
			BASF (2007b)	160	540
			Saillenfait et al. (2007)	260	510
		10%[b]	BASF (2007a)	*270*	*23000*
			BASF (2007b)	290	850
			Saillenfait et al. (2007)	580	750
	Foetal visceral malformation	1%[b]	BASF (2007a)	*80*	*5000*
			BASF (2007b)	*22*	*220*
			Saillenfait et al. (2007)	150	510
		10%[b]	BASF (2007a)	*230*	*8300*
			BASF (2007b)	210	570
			Saillenfait et al. (2007)	540	810
	Foetal cardiovascular malformation	1%[b]	(BASF, 2007a)	*130*	*25000*
			BASF (2007b)	38	210
			Saillenfait et al. (2007)	210	540
	Foetal skeletal malformation	1%[b]	BASF (2007a)	58	190

Study (route)	Endpoint	BMR	Subgroup	BMDL (mg/kg bw/day)	BMDU (mg/kg bw/day)
			BASF (2007b)	41	190
			Saillenfait et al. (2007)	190	470
		10%[b]	BASF (2007a)	210	530
			BASF (2007b)	230	540
			Saillenfait et al. (2007)	510	720
	Post-implantation loss	1%[b]	BASF (2007a)	170	370
			BASF (2007b)	170	360
			Saillenfait et al. (2007)	270	360
		10%[b]	BASF (2007a)	250	500
			BASF (2007b)	240	490
			Saillenfait et al. (2007)	440	490
	Foetal skeletal variation	10%[b]	BASF (2007a)	*130*	*220000*
			BASF (2007b)	82	180
			Saillenfait et al. (2007)	160	270
BASF (2005, 2010)(dermal)	Foetal body weight	5%[a]	BASF (2005)	330	510
			BASF (2010)	830	1700
		10%[a]	BASF (2005)	600	740
			BASF (2010)	1300	2800
	Post-implantation loss	1%[b]	BASF (2005)	*9.2*	Inf
			BASF (2010)	*0.00078*	*880*
		10%[b]	BASF (2005)	*1000*	Inf

Study (route)	Endpoint	BMR	Subgroup	BMDL (mg/kg bw/day)	BMDU (mg/kg bw/day)
			BASF (2010)	*800*	*16000*
	Foetal external malformation	NA	BASF (2005)	No significant trend	
			BASF (2010)	No significant trend	
	Foetal visceral malformation	NA	NA	No significant trend	
	Foetal cardiovascular malformation	1%[b]	NA	*0.00023*	*910*
		10%[b]	NA	*1200*	Inf
	Foetal skeletal malformation	NA	BASF (2005)	No significant trend	
			BASF (2010)	No significant trend	
	Foetal skeletal variation	NA	BASF (2005)	No significant trend	
			BASF (2010)	No significant trend	
BASF (2006)(oral)	Body weight	5%[a]	f	93	340
			m	89	360
		10%[a]	f	270	620
			m	260	670
	Relative liver weight	5%[a]	f	140	350
			m	80	200
		10%[a]	f	300	530
			m	170	330

[a] continuous data are analysed, therefore the BMR relates to a percentage change in mean response; [b] quantal data are analysed, therefore the BMR relates to a percentage increase in extra risk;NA: relevant information not available

Table 60: Overview of BMDL and BMDU derived from inhalation studies. All values are rounded to two significant numbers. BMDU values larger than 1×106 are shown as Inf(inity) for readability. Subgroups are indicated by the sex and exposure duration. For example, 28 days study for female (rat) is f.28. The BMR relates to a percentage increase in extra risk. The BMD confidence intervals are printed in italics when the BMDU/BMDL ratio is larger than a factor 10

Study	Endpoint	BMR	Subgroup	BMDL (mg/m^3)	BMDU (mg/m^3)
BASF (2011, 2013)(inhalation)	Nasal cavity (location level I) Degeneration/ regeneration, olfactory epithelium	10%	f.28	78	160
			f.90	110	200
			m.28	83	150
			m.90	*500*	Inf
	Nasal cavity (location level II) Degeneration/ regeneration, olfactory epithelium	10%	mf.28	57	120
			mf.90	120	190
	Nasal cavity (location level III) Degeneration/ regeneration, olfactory epithelium	10%	f.90	89	110
			m.90	170	190
			mf.28	74	120
	Nasal cavity (location level IV) Degeneration/ regeneration, olfactory epithelium	10%	f.28	77	120
			f.90	78	120
			m.28	78	120
			m.90	78	120

Saillenfait et al. (2007) and BASF (2007a, 2007b)

1. Foetal body weight

Table 61: Dataset used for the BMD analysis of foetal body weight of rat. Exposure duration is gestational days 6–20 (day6.20) or 6–28 (day6.28). Exposure route is gavage

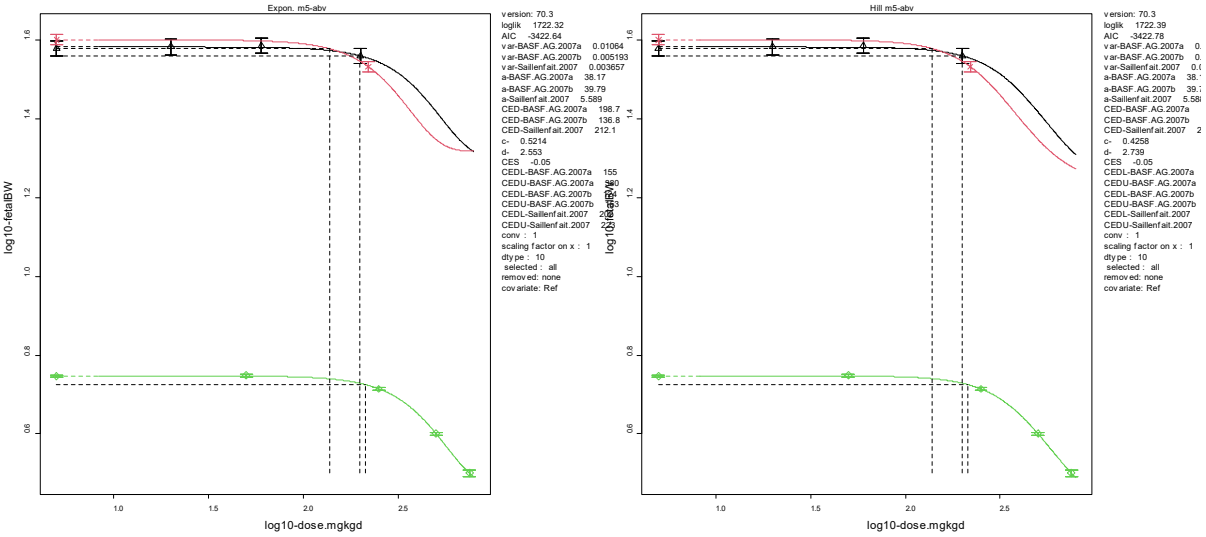
Study	species	Exposure duration (day)	Dose (mg/kg bw/d)	Foetal body weight (g)	Standard deviation	Group size
Saillenfait et al. (2007)	rat	day6.20	0	5.58	0.26	280
	rat	day6.20	50	5.61	0.33	242
	rat	day6.20	250	5.19	0.37	298
	rat	day6.20	500	3.99	0.19	285
	rat	day6.20	750	3.19	0.4	39
BASF (2007a)	rabbit	day6.28	0	38	3.6	23
	rabbit	day6.28	20	38.4	4.13	22
	rabbit	day6.28	60	38.7	4.58	22
	rabbit	day6.28	200	36.4	3.68	23
BASF (2007b)	rabbit	day6.28	0	39.9	2.92	25
	rabbit	day6.28	220	34.1	2.53	24

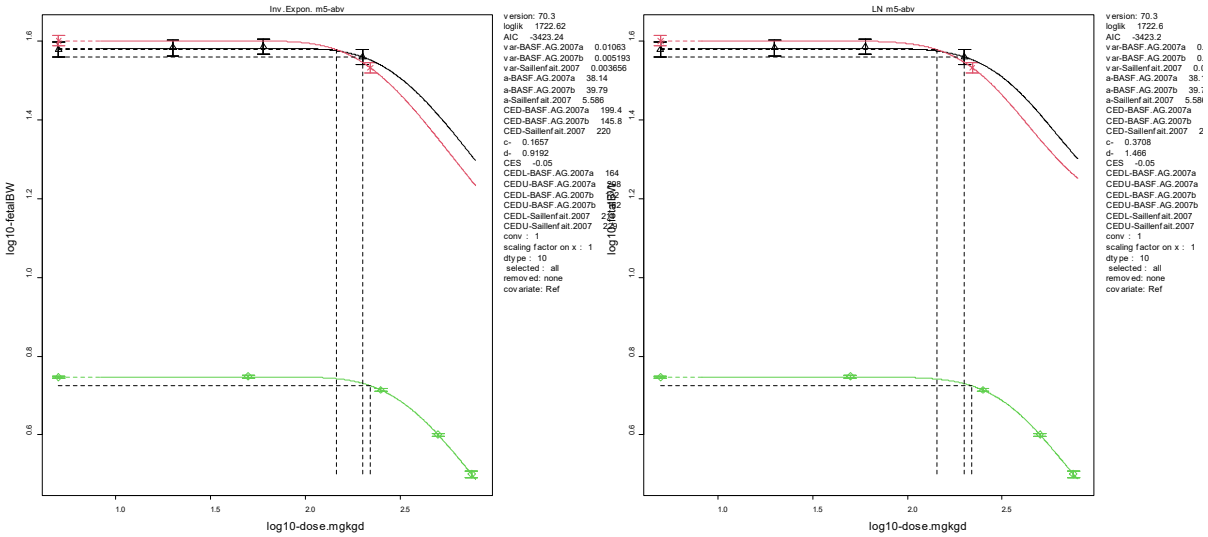
a. BMR = 5%

Fitted models

model	loglik	No.par	AIC
full model	1690.33	12	-3356.66
full-v	1723.15	14	-3418.3
null model-v	99.45	4	-190.9
null model-a-v	509.62	6	-1007.24
Expon. m3-v	1248.18	6	-2484.36
Expon. m3-av	1666.72	8	-3317.44
Expon. m3-abv	1672.28	10	-3324.56
Expon. m5-av	1712.7	9	-3407.4
Expon. m5-abv	1722.32	11	-3422.64
Hill m3-av	1667.32	8	-3318.64
Hill m3-abv	1672.91	10	-3325.82
Hill m5-av	1712.63	9	-3407.26
Hill m5-abv	1722.39	11	-3422.78
Inv.Expon. m3-av	1694.58	8	-3373.16
Inv.Expon. m3-abv	1702.04	10	-3384.08
Inv.Expon. m5-av	1712.16	9	-3406.32
Inv.Expon. m5-abv	1722.62	11	-3423.24
LN m3-av	1684.14	8	-3352.28
LN m3-abv	1690.75	10	-3361.5
LN m5-av	1712.4	9	-3406.8
LN m5-abv	1722.6	11	-3423.2

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2107	0.226	0.2845	0.2788

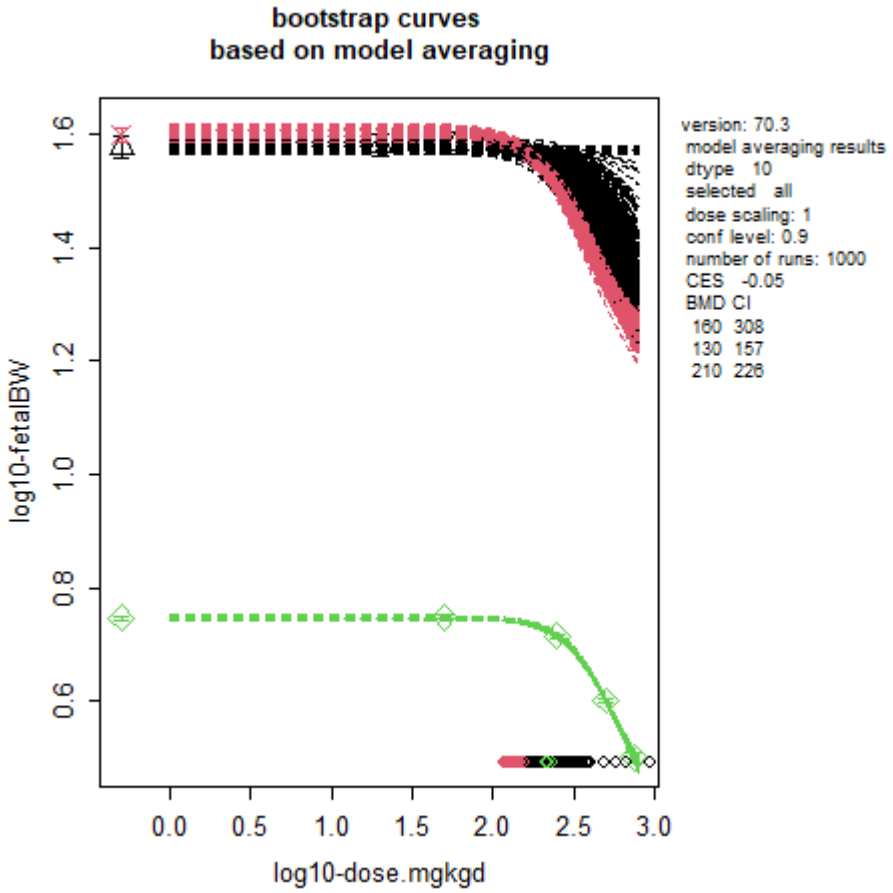


Table 62: The model-average BMD confidence interval based on 5% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	160	308
BASF (2007b)	128	157
Saillenfait et al. (2007)	207	226

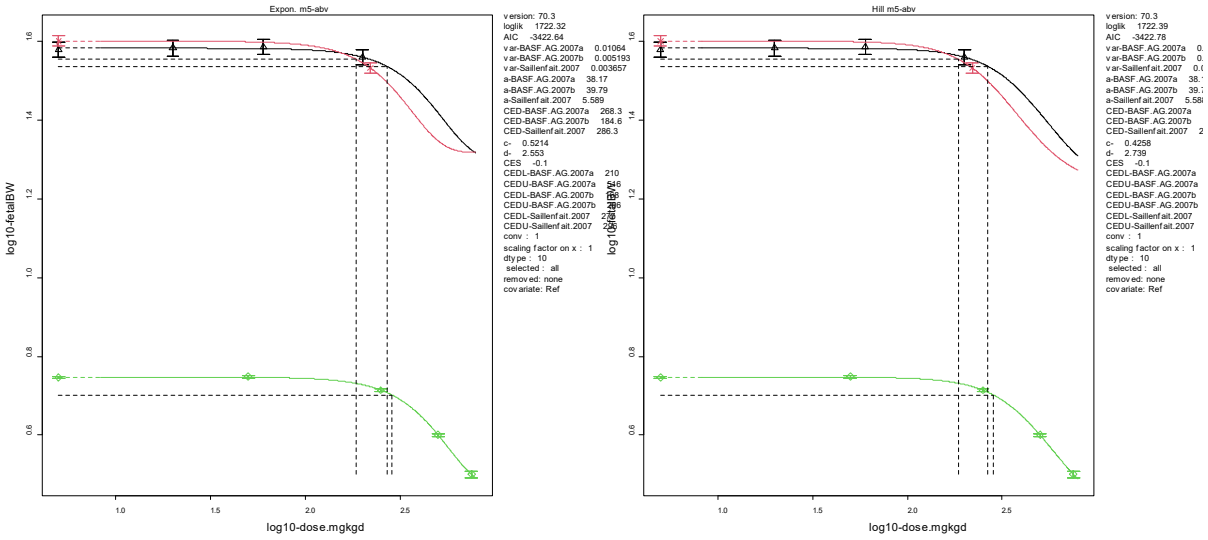
b. BMR = 10%

Fitted models

model	loglik	No.par	AIC
full model	1690.33	12	-3356.66
full-v	1723.15	14	-3418.3
null model-v	99.45	4	-190.9
null model-a-v	509.62	6	-1007.24
Expon. m3-v	1247.94	6	-2483.88
Expon. m3-av	1666.72	8	-3317.44
Expon. m3-abv	1672.28	10	-3324.56
Expon. m5-av	1712.7	9	-3407.4

model	loglik	No.par	AIC
Expon. m5-abv	1722.32	11	-3422.64
Hill m3-av	1667.32	8	-3318.64
Hill m3-abv	1672.91	10	-3325.82
Hill m5-av	1712.63	9	-3407.26
Hill m5-abv	1722.39	11	-3422.78
Inv.Expon. m3-av	1694.58	8	-3373.16
Inv.Expon. m3-abv	1702.04	10	-3384.08
Inv.Expon. m5-av	1712.16	9	-3406.32
Inv.Expon. m5-abv	1722.62	11	-3423.24
LN m3-av	1684.14	8	-3352.28
LN m3-abv	1690.75	10	-3361.5
LN m5-av	1712.4	9	-3406.8
LN m5-abv	1722.6	11	-3423.2

Visualization



Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2107	0.226	0.2845	0.2788

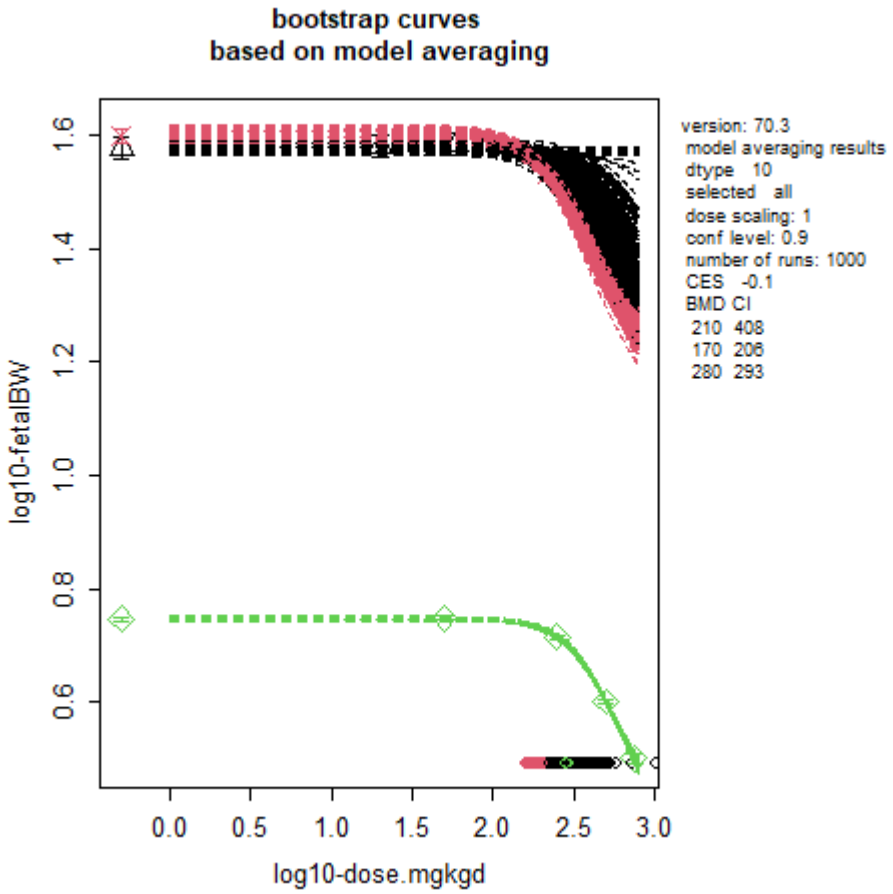


Table 63: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	212	408
BASF (2007b)	169	206
Saillenfait et al. (2007)	276	293

2. Foetal external malformation

Table 64: Data used for the BMD analysis of foetal external malformation of rat. Dataset used for analysis. Exposure duration is gestational days 6–20 (day6.20) or 6–28 (day6.28). Exposure route is gavage

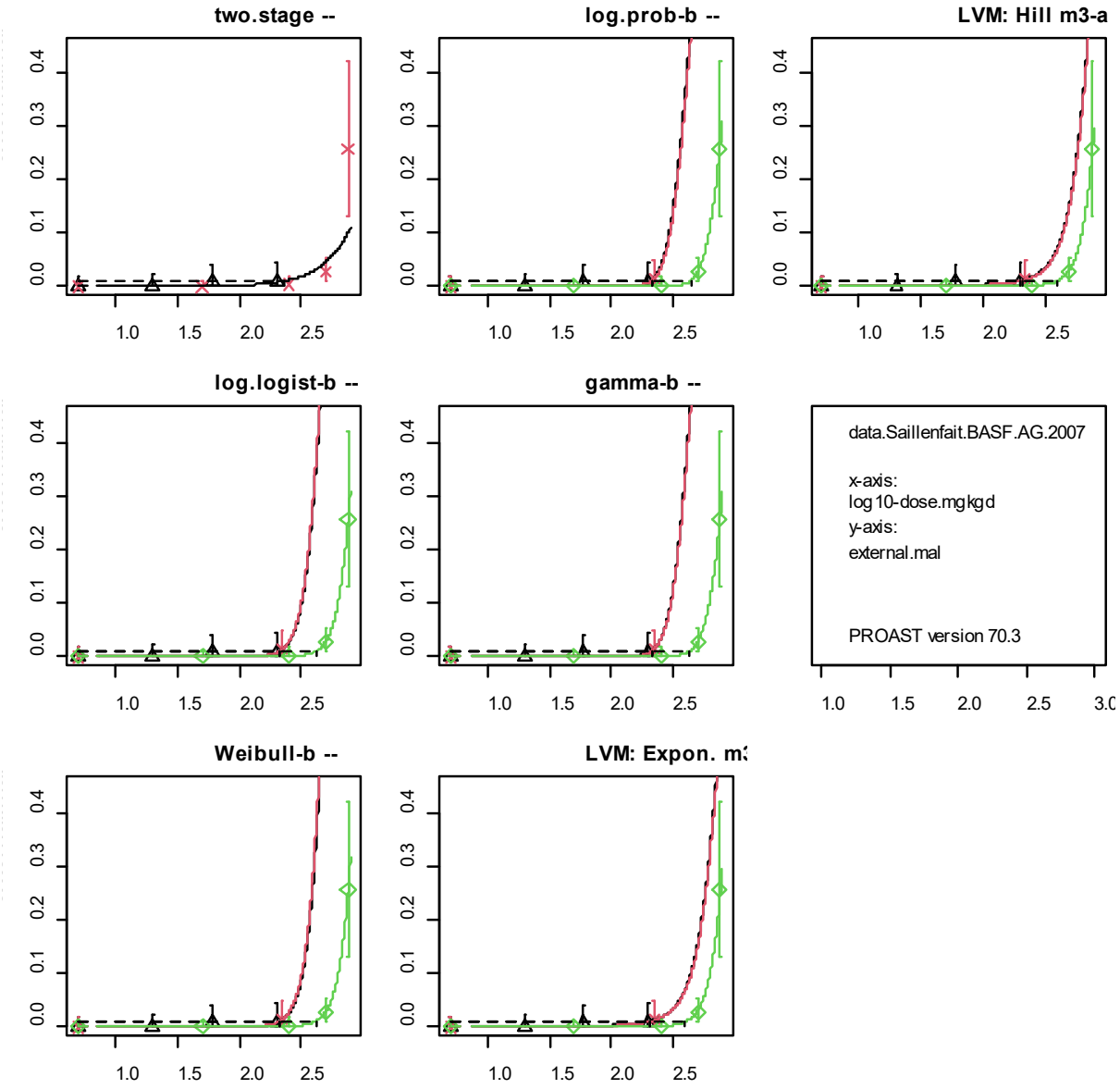
Study	Species	Exposure duration (day)	Dose (mg/kg bw/d)	Incidence external malformation	Group size
Saillenfait et al. (2007)	rat	day6.20	0	0	280
	rat	day6.20	50	0	242
	rat	day6.20	250	1	298
	rat	day6.20	500	8	285
	rat	day6.20	750	10	39
BASF (2007a)	rabbit	day6.28	0	0	154
	rabbit	day6.28	20	0	135
	rabbit	day6.28	60	1	138
	rabbit	day6.28	200	1	126
BASF (2007b)	rabbit	day6.28	0	0	150
	rabbit	day6.28	220	2	144

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	3	-121.92	249.84
full	11	-87.69	197.38
two.stage	3	-95.69	197.38
log.logist-b	5	-89.99	189.98
Weibull-b	5	-89.96	189.92
log.prob-b	5	-90.13	190.26
gamma-b	5	-90.11	190.22
LVM: Expon. m3-a	5	-89.1	188.2
LVM: Hill m3-a	5	-89.11	188.22

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0029	0.1155	0.119	0.1004	0.1024	0.2813	0.2785

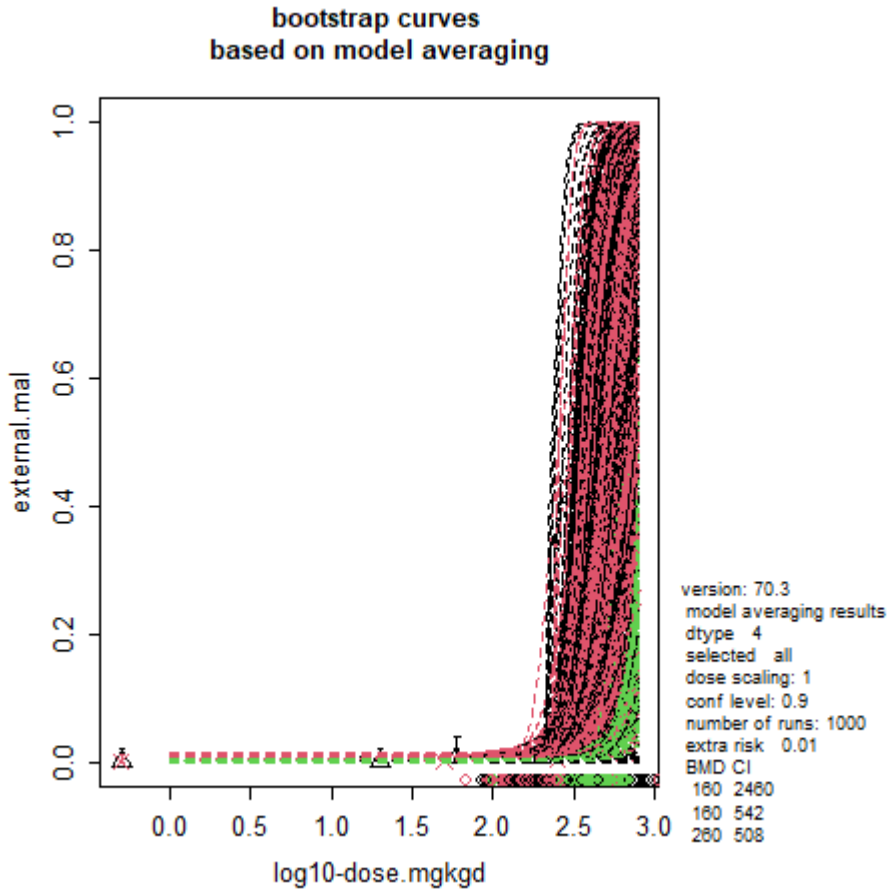


Table 65: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	158	2460
BASF (2007b)	156	542
Saillenfait et al. (2007)	263	508

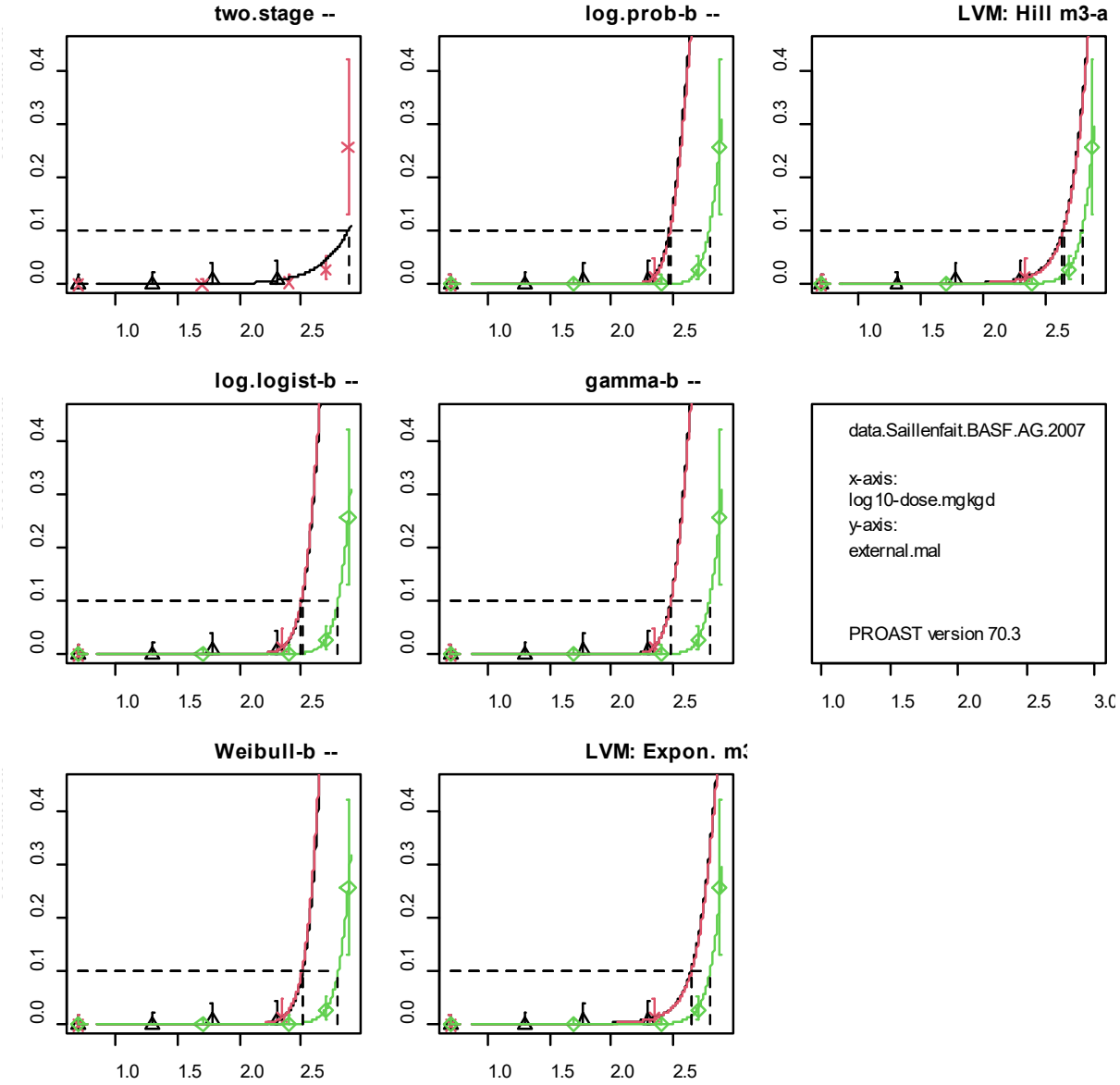
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	3	-121.92	249.84
full	11	-87.69	197.38
two.stage	3	-95.69	197.38
log.logist-b	5	-89.99	189.98
Weibull-b	5	-89.96	189.92
log.prob-b	5	-90.13	190.26

model	No.par	loglik	AIC
gamma-b	5	-90.11	190.22
LVM: Expon. m3-a	5	-89.1	188.2
LVM: Hill m3-a	5	-89.11	188.22

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0029	0.1155	0.119	0.1004	0.1024	0.2813	0.2785

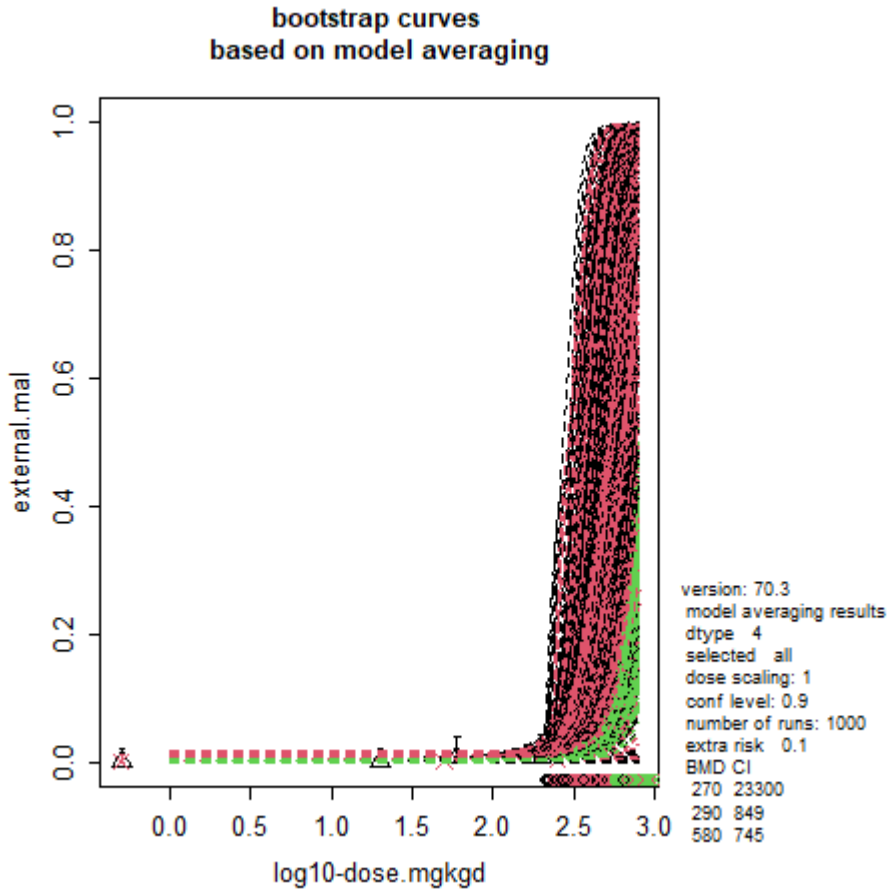


Table 66: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	272	23300
BASF (2007b)	291	849
Saillenfait et al. (2007)	576	745

3. Foetal visceral malformation

Table 67: Data used for the BMD analysis of foetal visceral malformation of rat. Exposure duration is gestational days 6–20 (day6.20) or 6–28 (day6.28). Exposure route is gavage

Study	Species	Exposure duration (day)	dose (mg/kg bw/d)	Incidence visceral malformation	Group size
Saillenfait et al. (2007)	rat	day6.20	0	1	140
	rat	day6.20	50	2	121
	rat	day6.20	250	0	149
	rat	day6.20	500	7	143
	rat	day6.20	750	5	20

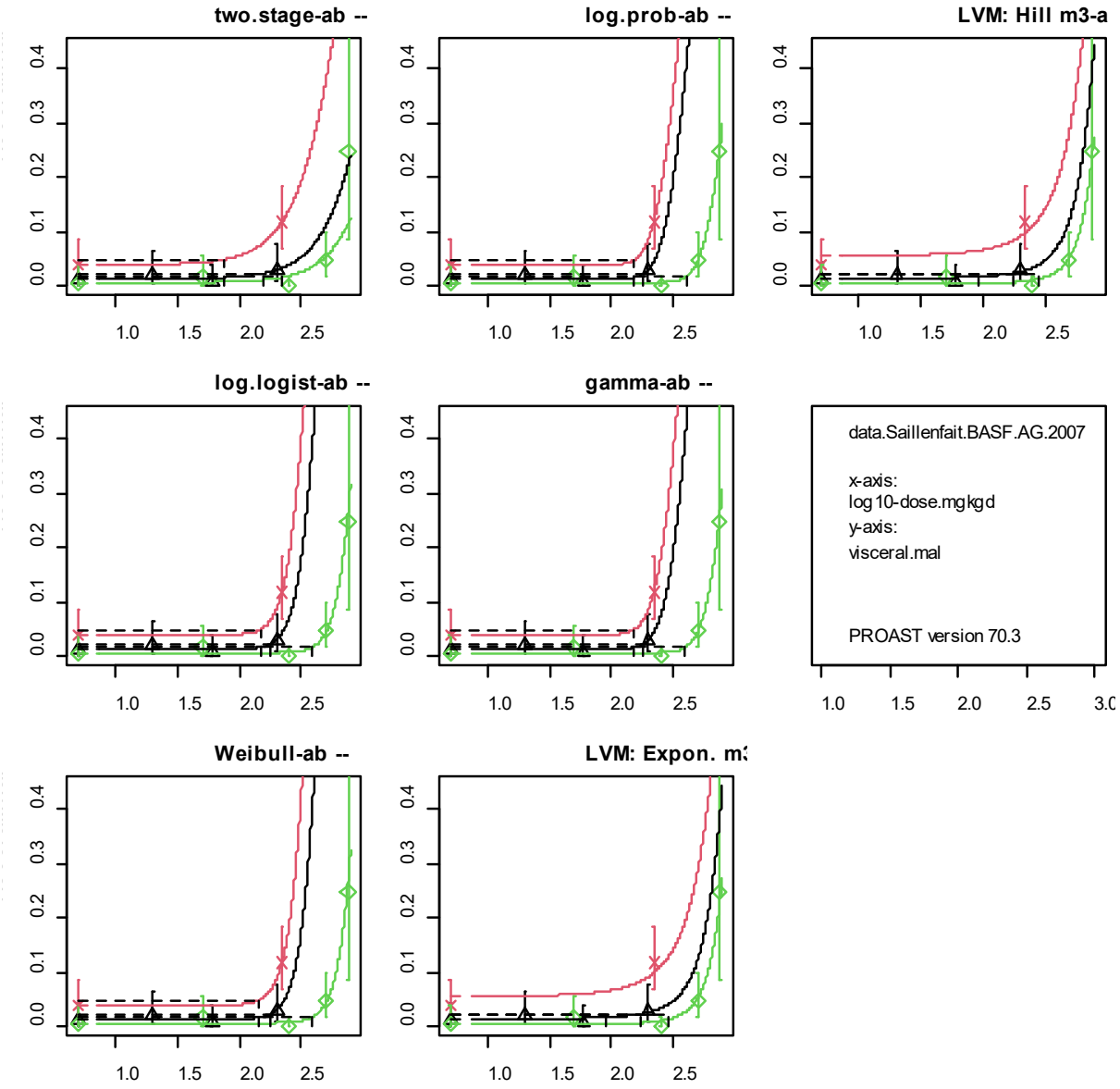
BASF (2007a)	rabbit	day6.28	0	2	154
	rabbit	day6.28	20	3	135
	rabbit	day6.28	60	1	138
	rabbit	day6.28	200	4	126
BASF (2007b)	rabbit	day6.28	0	6	150
	rabbit	day6.28	220	17	144

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	3	-200.16	406.32
full	11	-181.51	385.02
two.stage-ab	7	-187.09	388.18
log.logist-ab	7	-183.86	381.72
Weibull-ab	7	-183.9	381.8
log.prob-ab	7	-183.72	381.44
gamma-ab	7	-183.76	381.52
LVM: Expon. m3-a	5	-185.94	381.88
LVM: Hill m3-a	5	-185.94	381.88

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0065	0.1639	0.1575	0.1885	0.1811	0.1513	0.1513

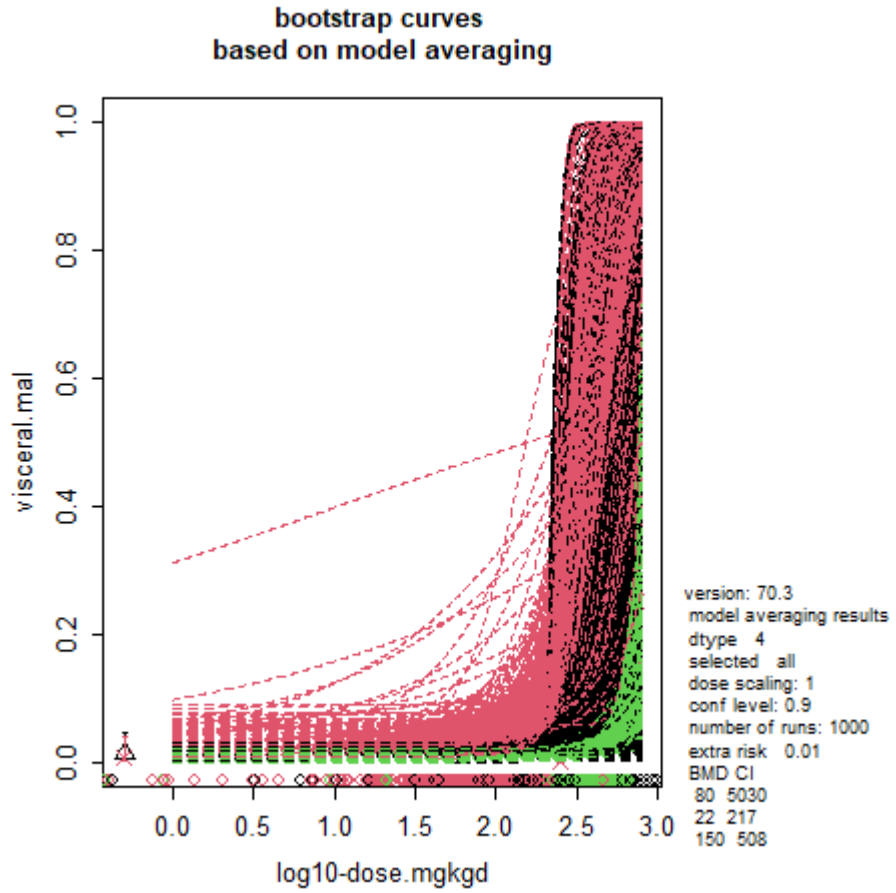


Table 68: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	79.6	5030
BASF (2007b)	21.7	217
Saillenfait et al. (2007)	152	508

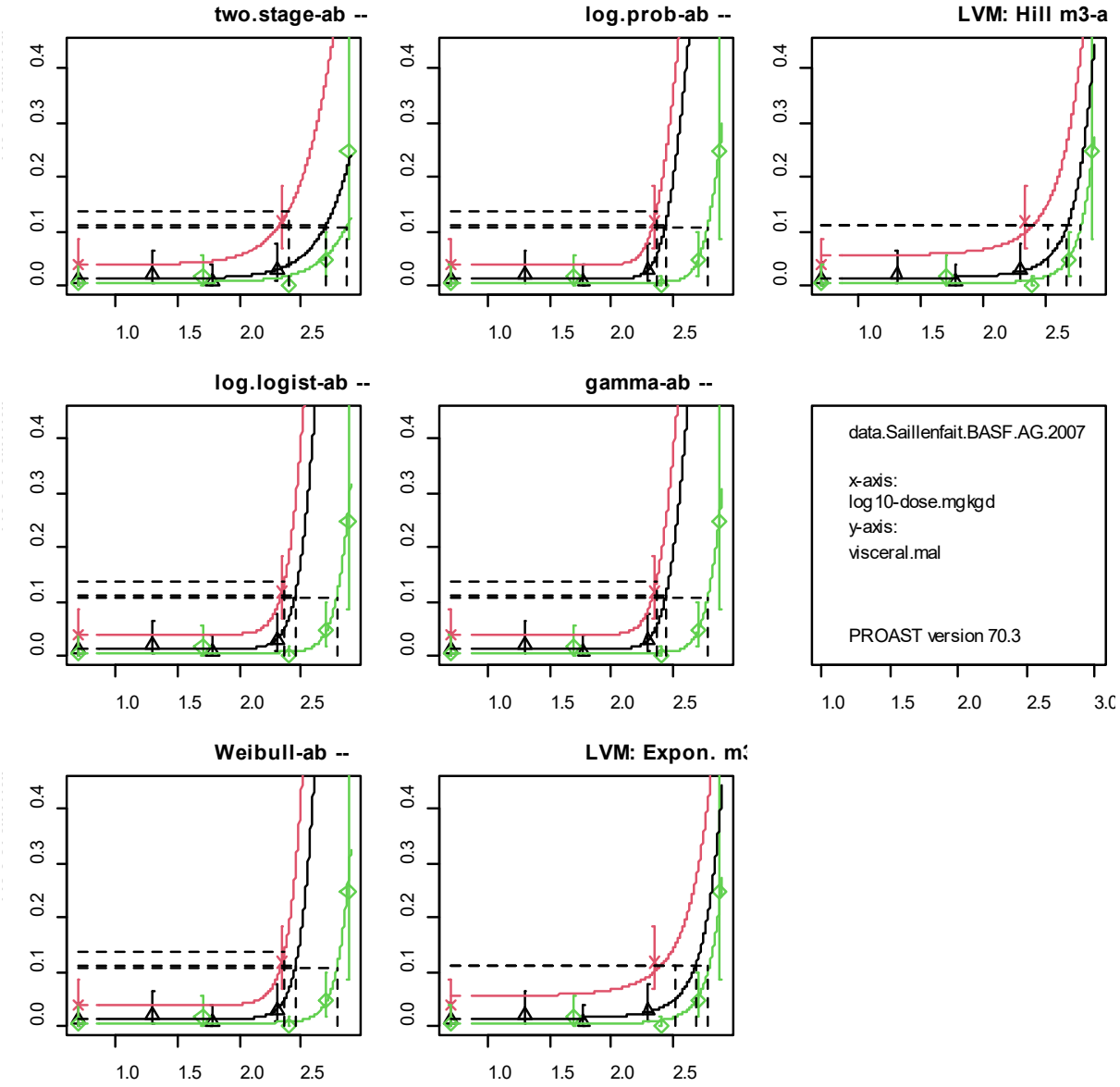
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	3	-200.16	406.32
full	11	-181.51	385.02
two.stage-ab	7	-187.09	388.18
log.logist-ab	7	-183.86	381.72
Weibull-ab	7	-183.9	381.8

model	No.par	loglik	AIC
log.prob-ab	7	-183.72	381.44
gamma-ab	7	-183.76	381.52
LVM: Expon. m3-a	5	-185.94	381.88
LVM: Hill m3-a	5	-185.94	381.88

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0065	0.1639	0.1575	0.1885	0.1811	0.1513	0.1513

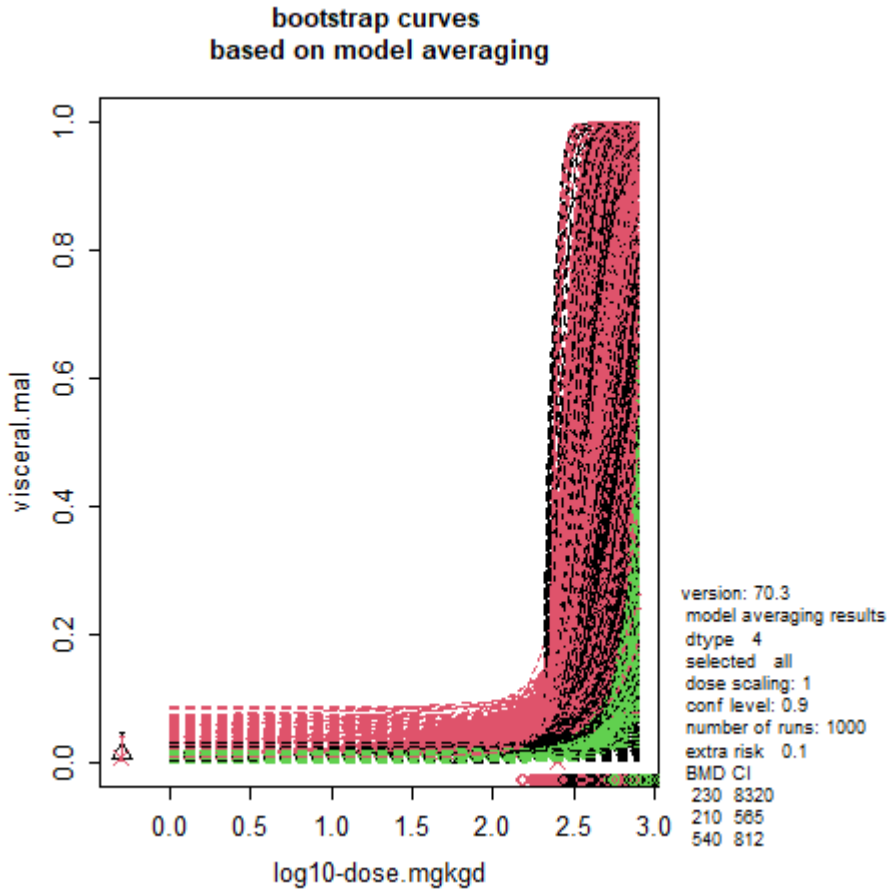


Table 69: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	234	8320
BASF (2007b)	212	565
Saillenfait et al. (2007)	543	812

4. Foetal skeletal malformation

Table 70: Dataset used for the analysis of foetal skeletal malformation of rat. Exposure duration is gestational days 6–20 (day6.20) or 6–28 (day6.28). Exposure route is gavage

Study	Species	Exposure duration (day)	dose (mg/kg bw/d)	Incidence skeletal malformation	Group size
Saillenfait et al. (2007)	rat	day6.20	0	0	140
	rat	day6.20	50	0	121

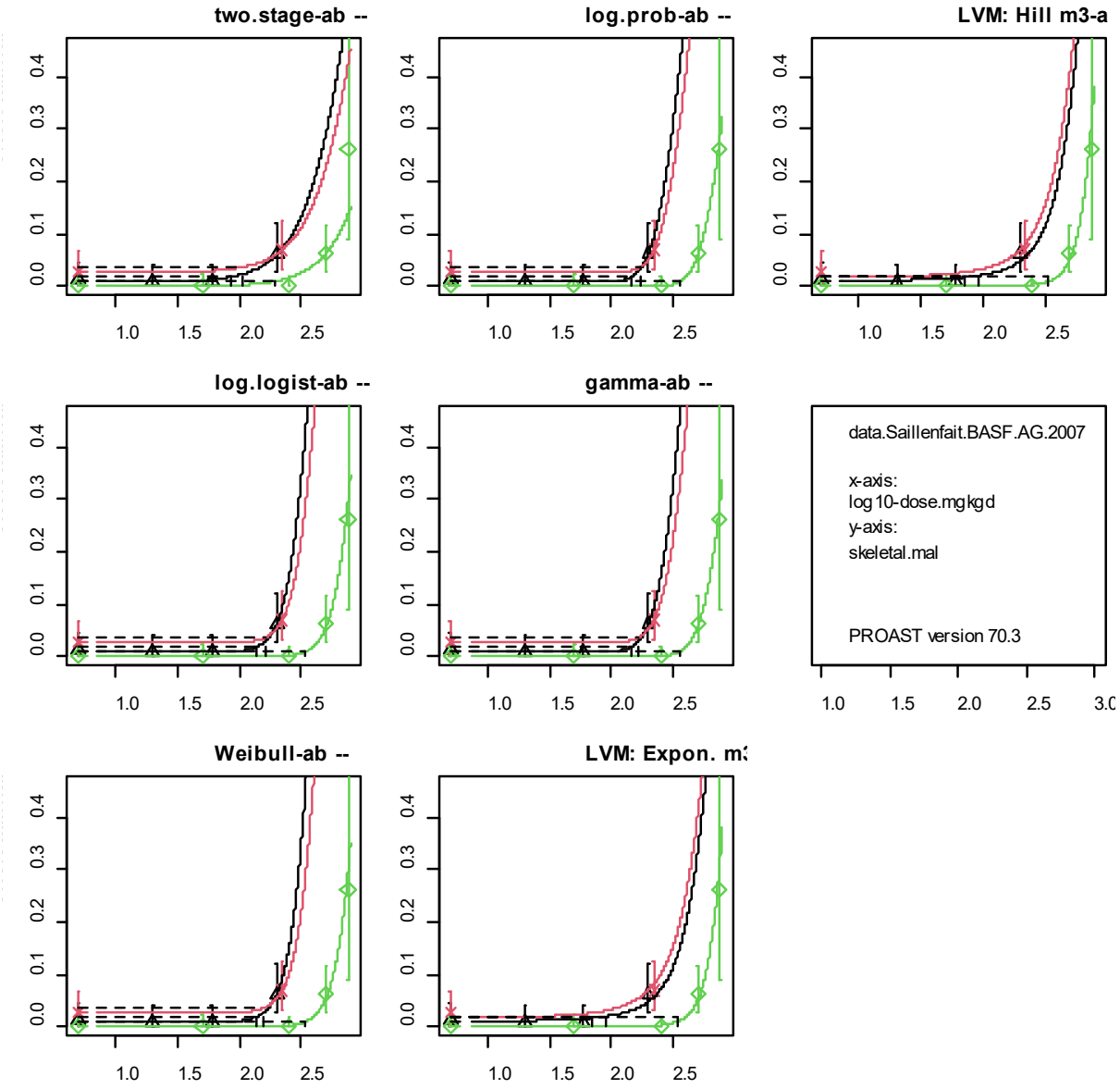
Study	Species	Exposure duration (day)	dose (mg/kg bw/d)	Incidence skeletal malformation	Group size
	rat	day6.20	250	0	149
	rat	day6.20	500	9	142
	rat	day6.20	750	5	19
BASF (2007a)	rabbit	day6.28	0	2	154
	rabbit	day6.28	20	1	135
	rabbit	day6.28	60	1	138
	rabbit	day6.28	200	8	126
BASF (2007b)	rabbit	day6.28	0	4	150
	rabbit	day6.28	220	10	144

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	3	-179.86	365.72
full	11	-151.56	325.12
two.stage-ab	7	-155.53	325.06
log.logist-ab	7	-152.14	318.28
Weibull-ab	7	-152.23	318.46
log.prob-ab	7	-151.83	317.66
gamma-ab	7	-151.94	317.88
LVM: Expon. m3-a	5	-153.82	317.64
LVM: Hill m3-a	5	-153.81	317.62

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0046	0.137	0.1252	0.1868	0.1673	0.1886	0.1905

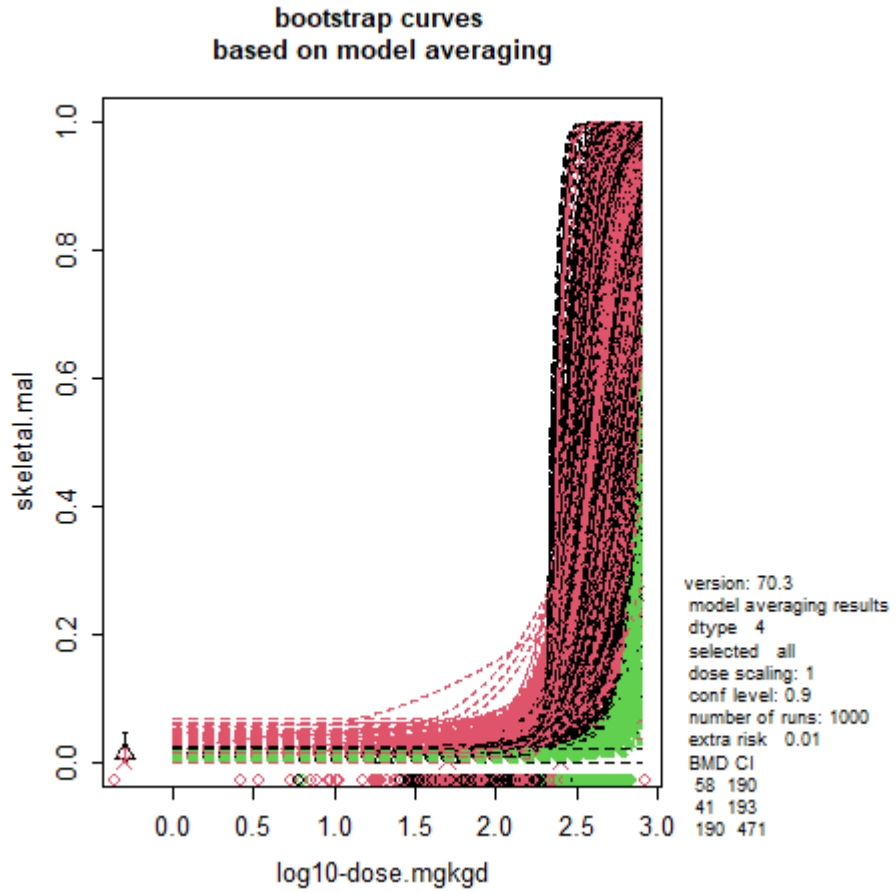


Table 71: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	57.6	190
BASF (2007b)	41.1	193
Saillenfait et al. (2007)	192	471

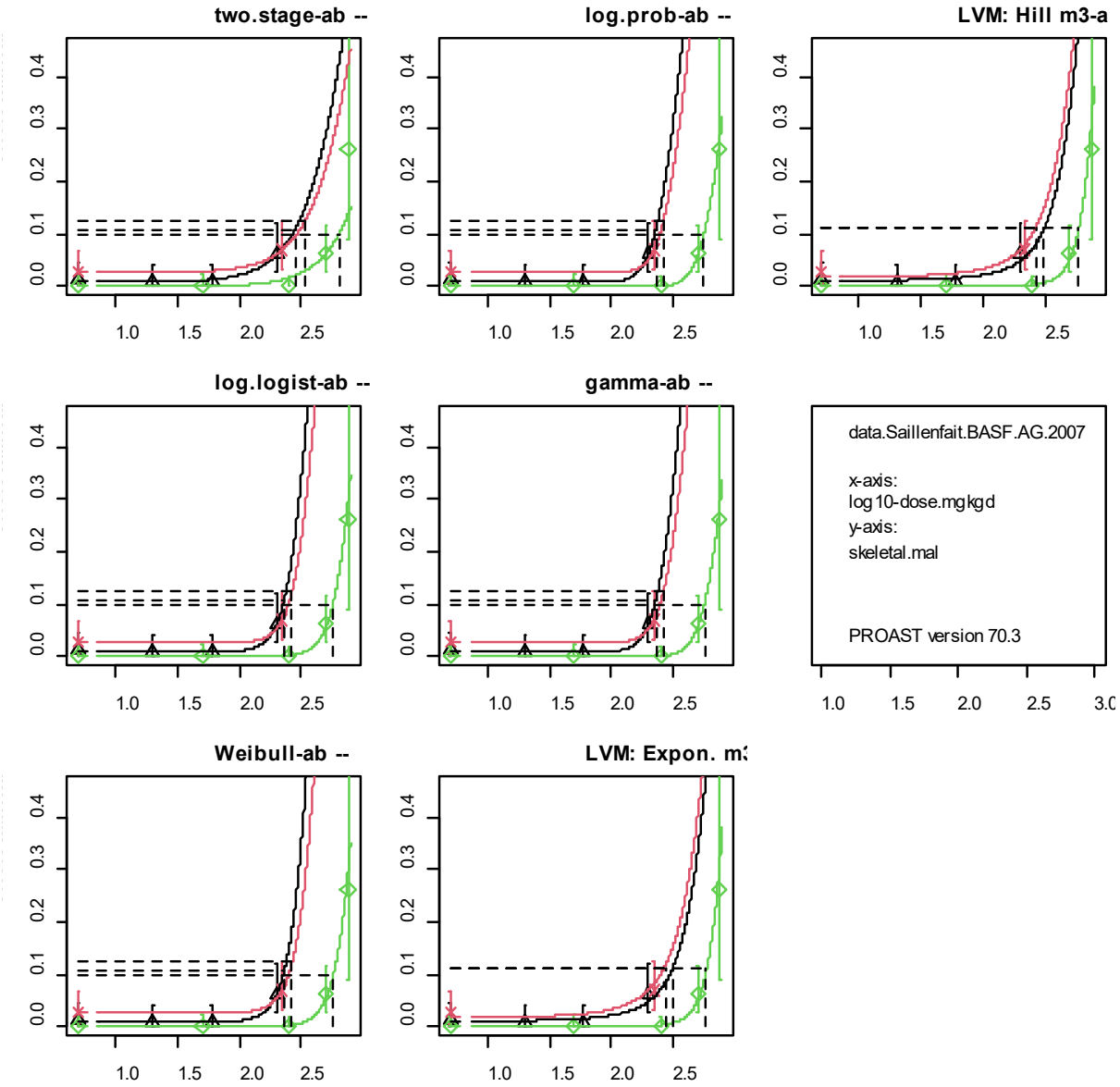
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	3	-179.86	365.72
full	11	-151.56	325.12
two.stage-ab	7	-155.53	325.06
log.logist-ab	7	-152.14	318.28
Weibull-ab	7	-152.23	318.46
log.prob-ab	7	-151.83	317.66

model	No.par	loglik	AIC
gamma-ab	7	-151.94	317.88
LVM: Expon. m3-a	5	-153.82	317.64
LVM: Hill m3-a	5	-153.81	317.62

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0046	0.137	0.1252	0.1868	0.1673	0.1886	0.1905

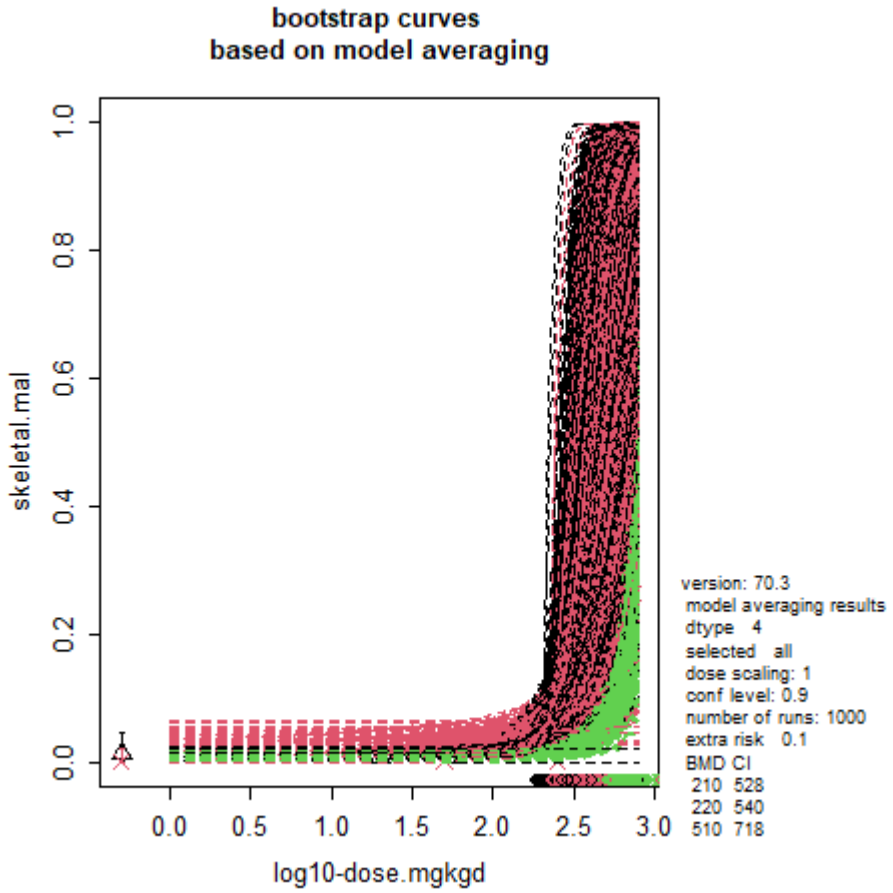


Table 72: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	210	528
BASF (2007b)	225	540
Saillenfait et al. (2007)	508	718

5. Foetal skeletal variation

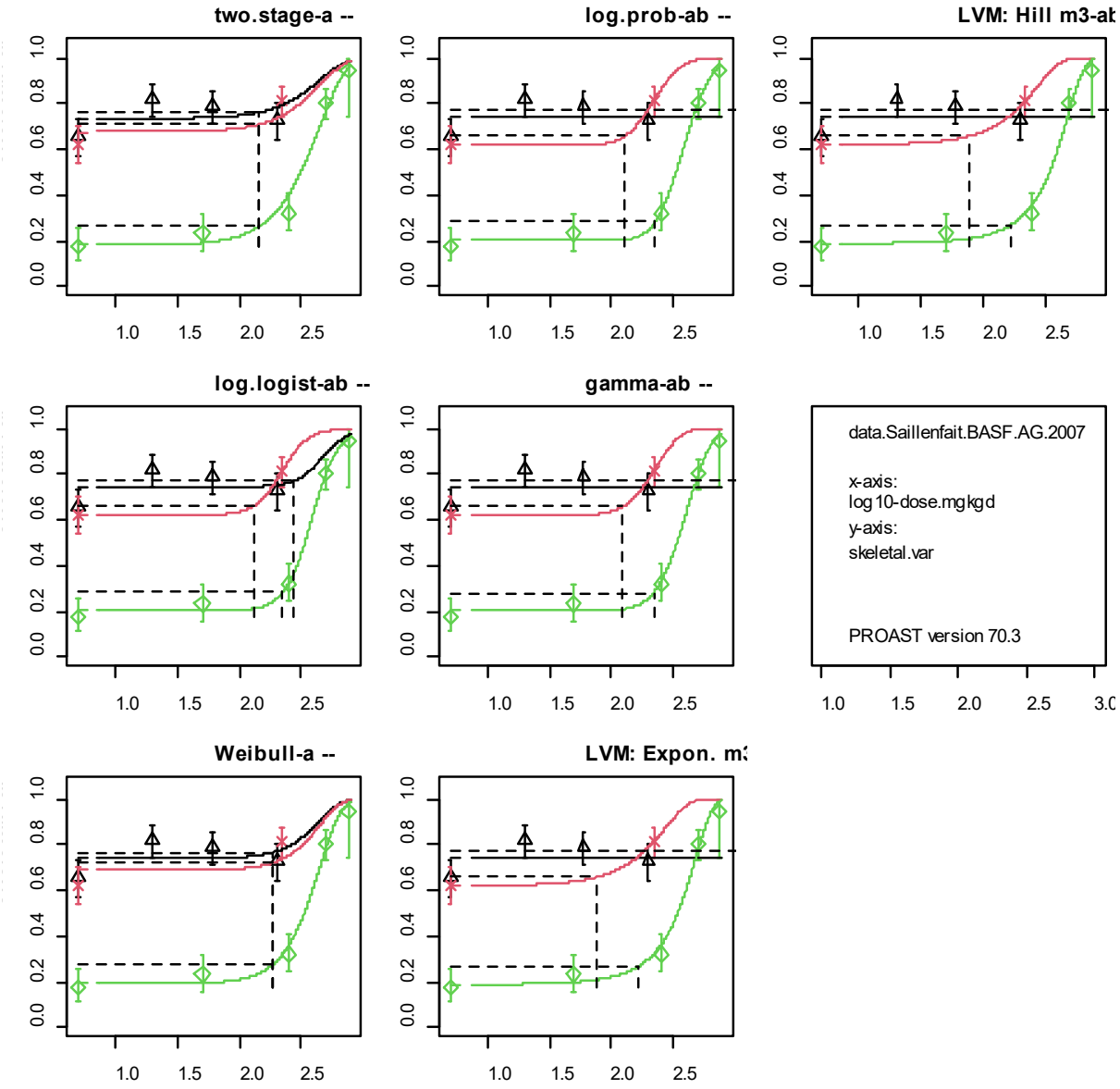
Table 73: Dataset used for the BMD analysis of foetal skeletal variation. Exposure duration is gestational days 6 – 20 (day6.20) or 6 – 28 (day6.28). Exposure route is gavage

Study	Species	Exposure duration (day)	Dose (mg/kg bw/d)	Incidence skeletal variation	Group size
Saillenfait et al. (2007)	rat	day6.20	0	25	140
	rat	day6.20	50	28	121
	rat	day6.20	250	48	149
	rat	day6.20	500	114	142
	rat	day6.20	750	18	19
BASF (2007a)	rabbit	day6.28	0	101	154
	rabbit	day6.28	20	111	135
	rabbit	day6.28	60	109	138
	rabbit	day6.28	200	92	126
BASF (2007b)	rabbit	day6.28	0	93	150
	rabbit	day6.28	220	117	144

Fitted models

model	No.par	loglik	AIC
null	3	-874.85	1755.7
full	11	-775.05	1572.1
two.stage-a	5	-788.16	1586.32
log.logist-ab	7	-781.85	1577.7
Weibull-a	5	-787.13	1584.26
log.prob-ab	7	-781.8	1577.6
gamma-ab	7	-781.96	1577.92
LVM: Expon. m3-ab	7	-783.23	1580.46
LVM: Hill m3-ab	7	-783.21	1580.42

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0038	0.2852	0.0107	0.2998	0.2555	0.0717	0.0732

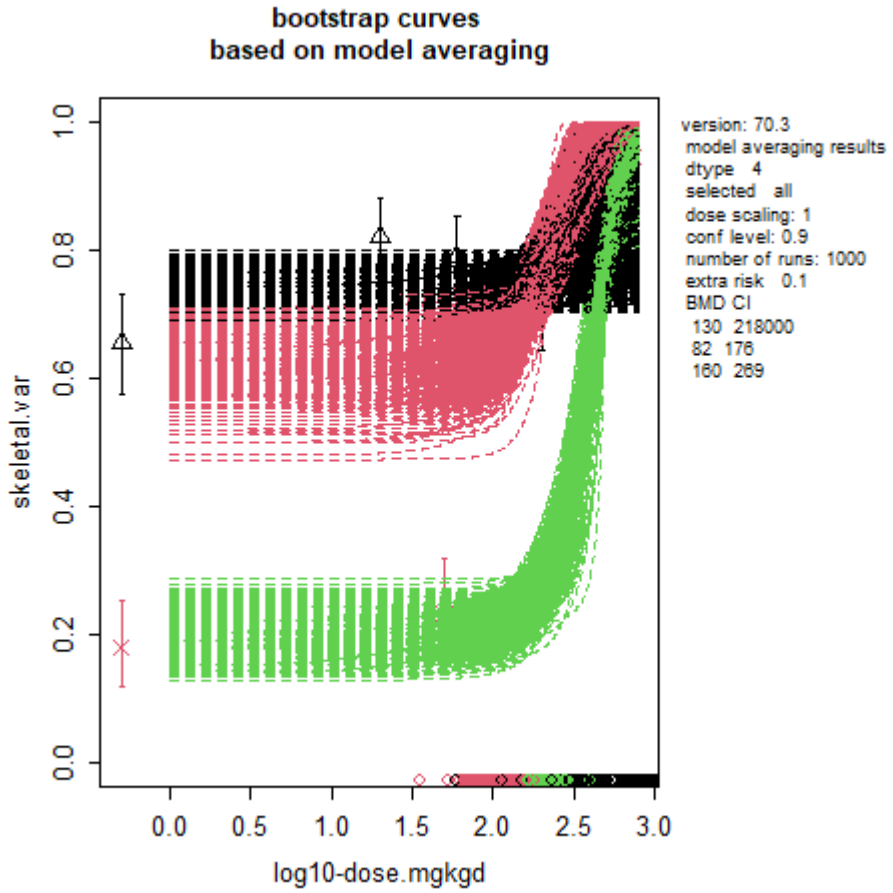


Table 74: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	134	218000
BASF (2007b)	81.6	176
Saillenfait et al. (2007)	155	269

6. Post-implantation loss

Table 75: Data used for the BMD analysis of post-implantation loss of female rat. Exposure duration is gestational days 6–20 (day6.20) or 6–28 (day6.28). Exposure route is gavage

Study	Species	Exposure duration (day)	Dose (mg/kg bw/d)	Post-implantation loss	Number of implantations
Saillenfait et al. (2007)	rat	day6.20	0	27	292
	rat	day6.20	50	9	253
	rat	day6.20	250	18	315
	rat	day6.20	500	70	336
	rat	day6.20	750	270	306

Study	Species	Exposure duration (day)	Dose (mg/kg bw/d)	Post-implantation loss	Number of implantations
BASF (2007a)	rabbit	day6.28	0	12	166
	rabbit	day6.28	20	6	141
	rabbit	day6.28	60	17	155
	rabbit	day6.28	200	18	144
BASF (2007b)	rabbit	day6.28	0	19	169
	rabbit	day6.28	220	20	164

The number of implantations and post-implantation loss are calculated from information reported in the Saillenfait et al. (2007) article:

$$number\ of\ implantations = number\ of\ implantation\ sites\ per\ litter\ \mathrm{X}\ all\ litter$$

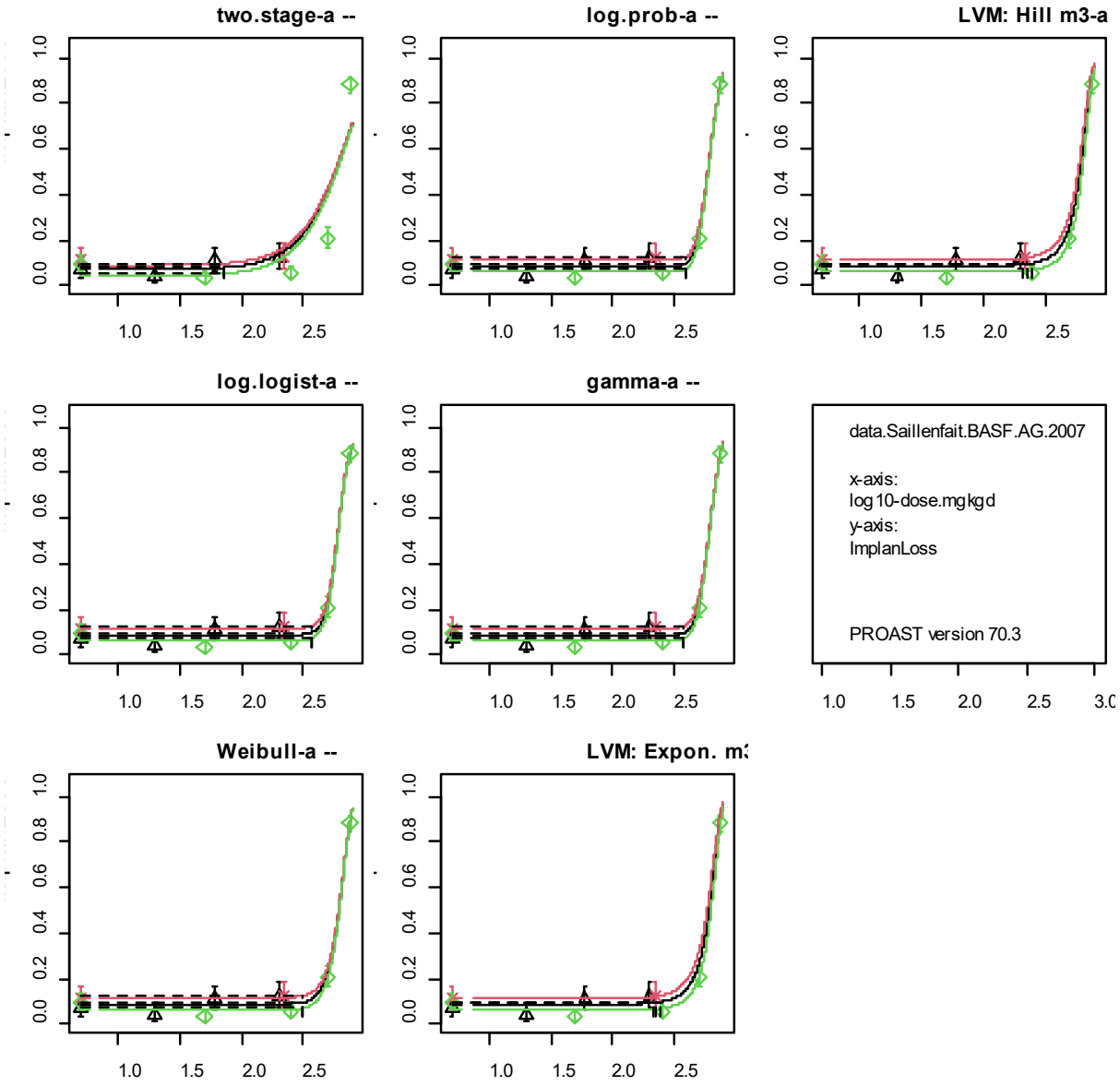
$$post\ implantation\ loss = number\ of\ implantations\ \mathrm{X}\ \%post\ implantation\ loss\ per\ litter$$

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	3	-1164.36	2334.72
full	11	-776.61	1575.22
two.stage-a	5	-867.42	1744.84
log.logist-a	5	-784.54	1579.08
Weibull-a	5	-784.56	1579.12
log.prob-a	5	-784.53	1579.06
gamma-a	5	-784.53	1579.06
LVM: Expon. m3-a	5	-784.56	1579.12
LVM: Hill m3-a	5	-784.56	1579.12

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0.1678	0.1644	0.1695	0.1695	0.1644	0.1644

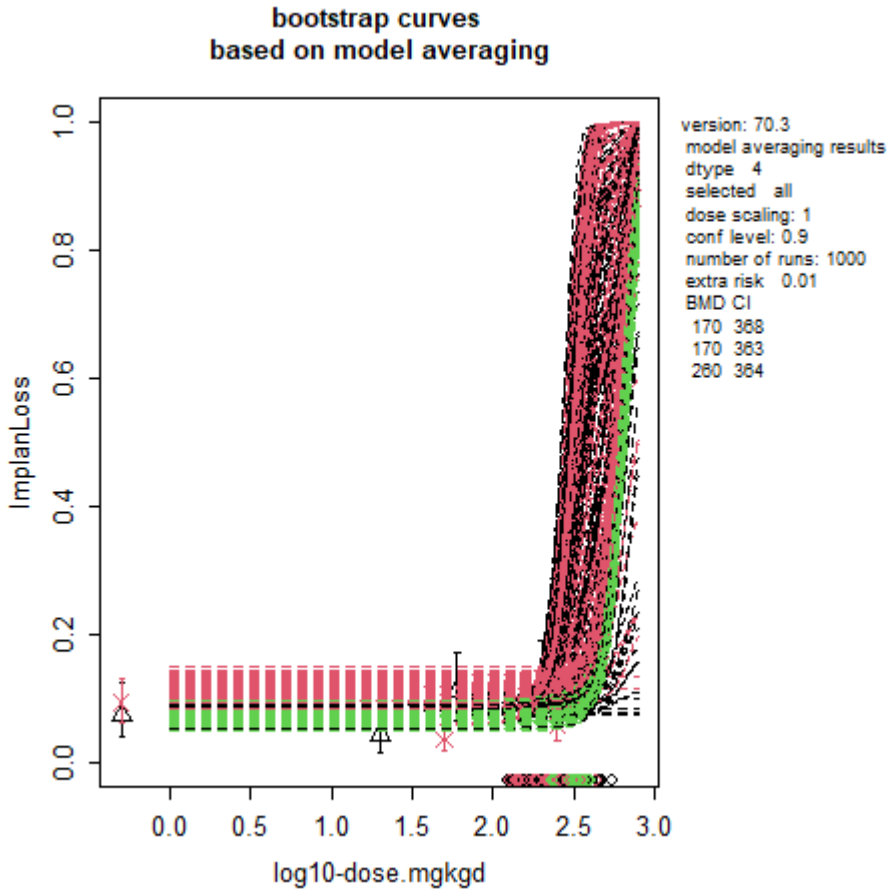


Table 76: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	172	368
BASF (2007b)	166	363
Saillenfait et al. (2007)	265	364

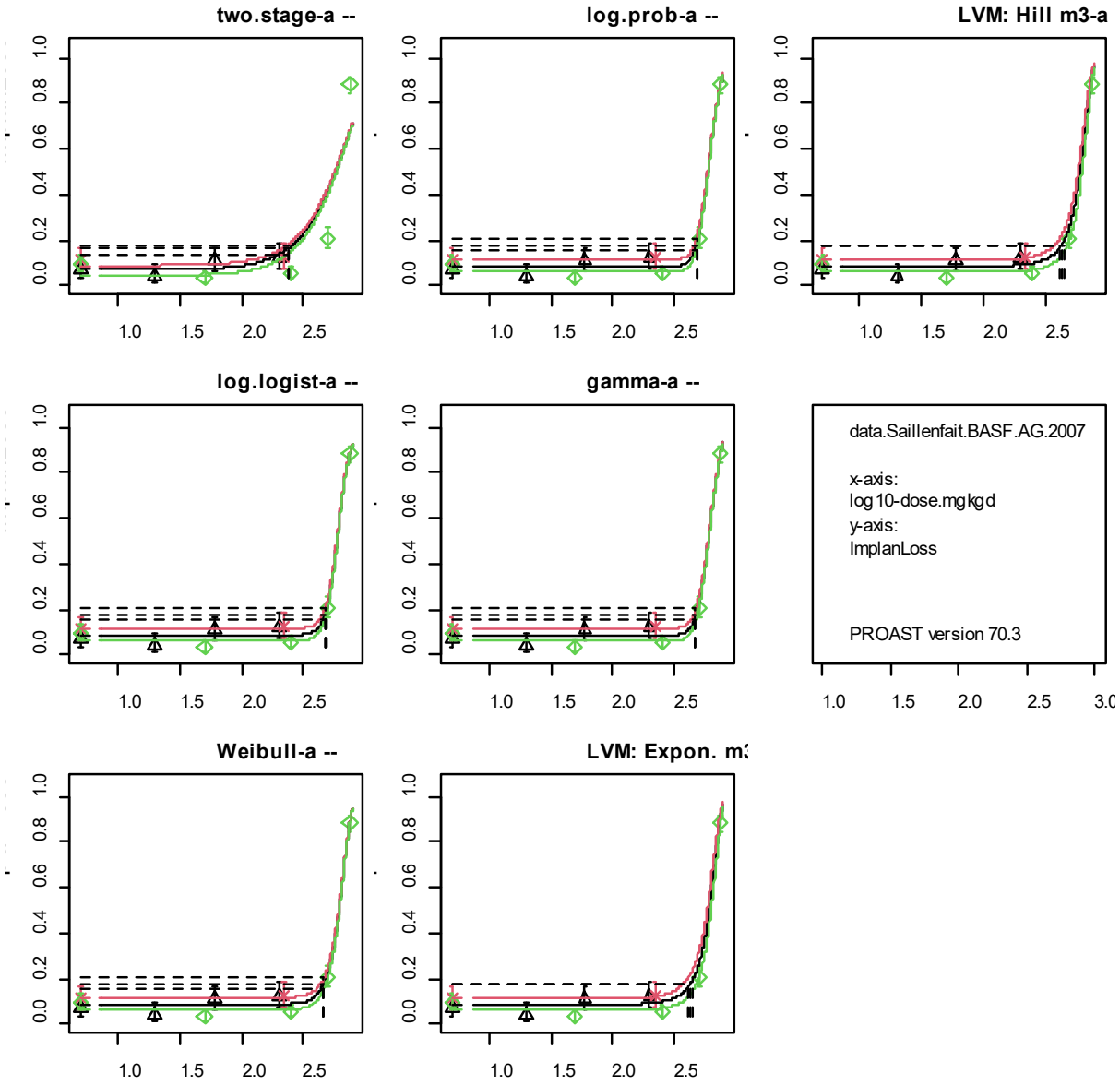
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	3	-1164.36	2334.72
full	11	-776.61	1575.22
two.stage-a	5	-867.42	1744.84
log.logist-a	5	-784.54	1579.08
Weibull-a	5	-784.56	1579.12
log.prob-a	5	-784.53	1579.06
gamma-a	5	-784.53	1579.06

model	No.par	loglik	AIC
LVM: Expon. m3-a	5	-784.56	1579.12
LVM: Hill m3-a	5	-784.56	1579.12

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0.1678	0.1644	0.1695	0.1695	0.1644	0.1644

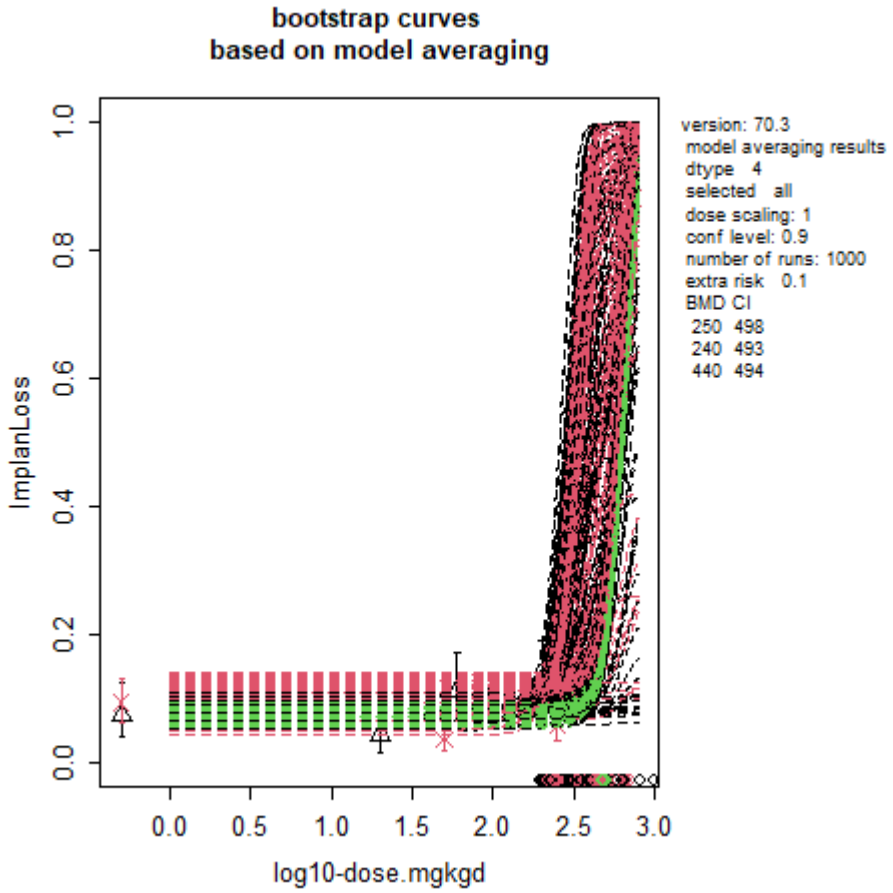


Table 77: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	250	498
BASF (2007b)	240	493
Saillenfait et al. (2007)	443	494

7. Foetal cardiovascular malformation

Table 78: Data used for the BMD analysis of cardiovascular malformation. Exposure duration is gestational days 6–20 (day6.20) or 6–28 (day6.28). Exposure route is gavage

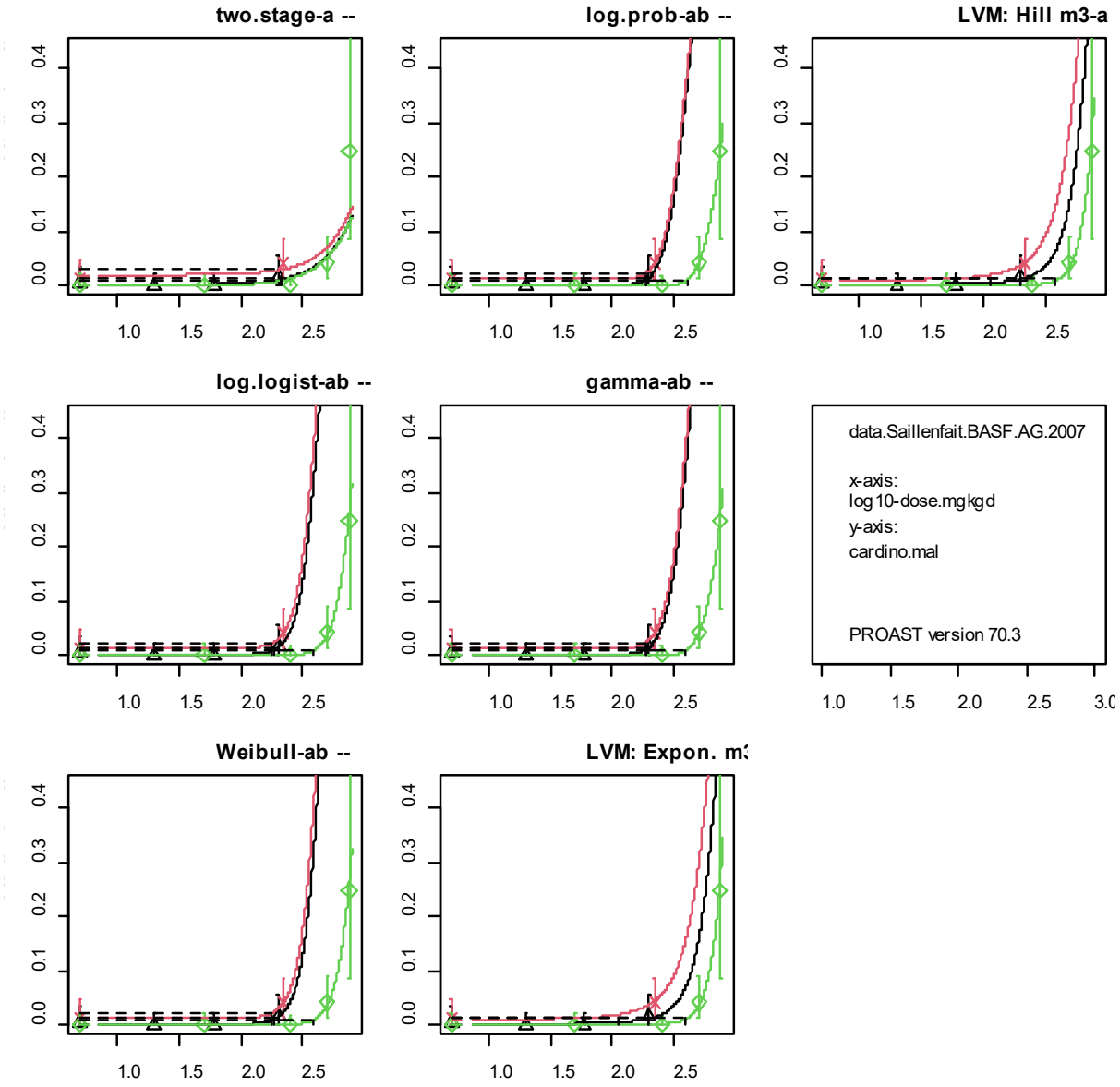
Study	Species	Exposure duration	dose (mg/kg bw/d)	Incidence cardiovascular malformation	Group size
Saillenfait et al. (2007)	rat	day6.20	0	0	140
	rat	day6.20	50	0	121
	rat	day6.20	250	0	149
	rat	day6.20	500	6	143
	rat	day6.20	750	5	20
BASF (2007a)	rabbit	day6.28	0	1	154

	rabbit	day6.28	20	0	135
	rabbit	day6.28	60	0	138
	rabbit	day6.28	200	2	126
BASF (2007b)	rabbit	day6.28	0	2	150
	rabbit	day6.28	220	6	144

Fitted models

model	No.par	loglik	AIC
null	3	-109.74	225.48
full	11	-88.12	198.24
two.stage-a	5	-93.42	196.84
log.logist-ab	7	-89.21	192.42
Weibull-ab	7	-89.25	192.5
log.prob-ab	7	-89.06	192.12
gamma-ab	7	-89.1	192.2
LVM: Expon. m3-a	5	-89.85	189.7
LVM: Hill m3-a	5	-89.85	189.7

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.009	0.0824	0.0791	0.0957	0.0919	0.3209	0.3209

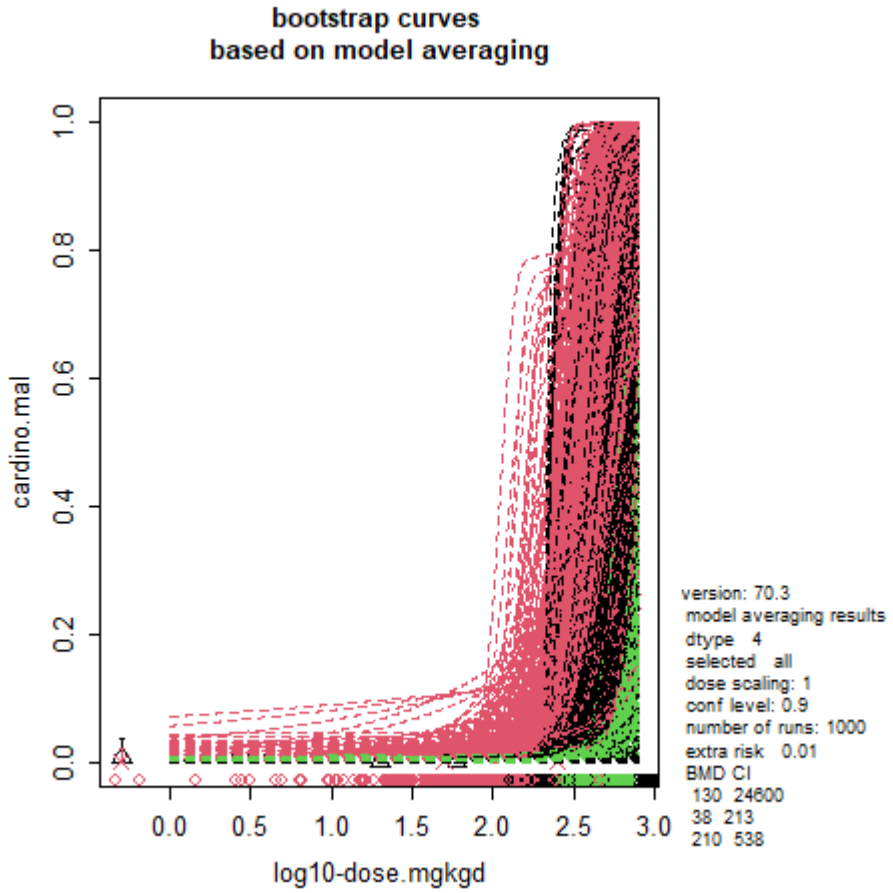


Table 79: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (2007a)	127	24600
BASF (2007b)	38.4	213
Saillenfait et al. (2007)	208	538

BASF (2005, 2010)

1. Foetal body weight

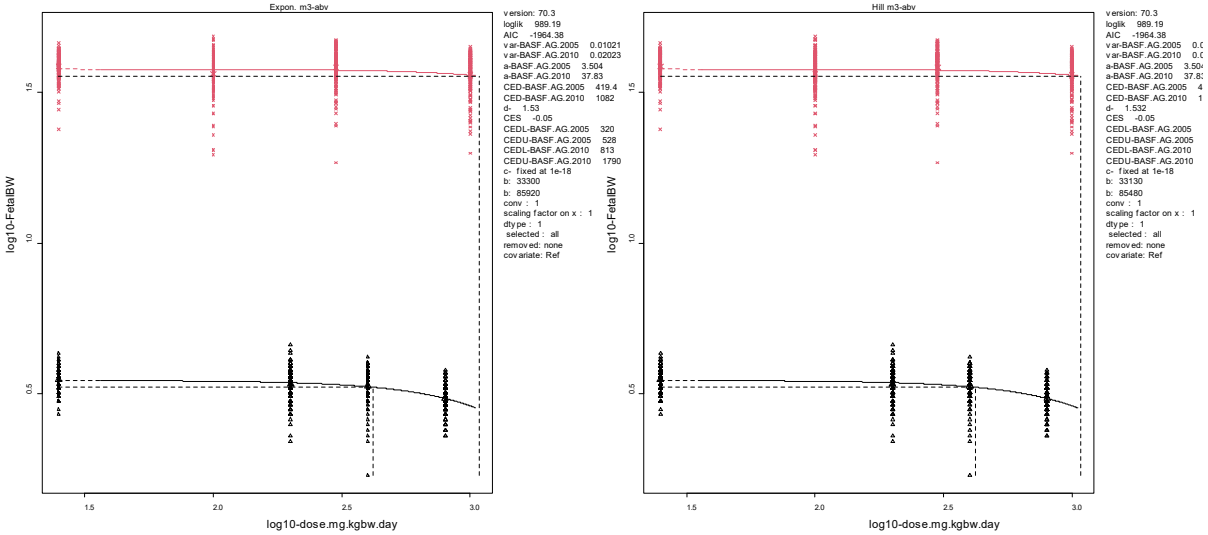
Dataset used in the analysis: see Annex Table 108.

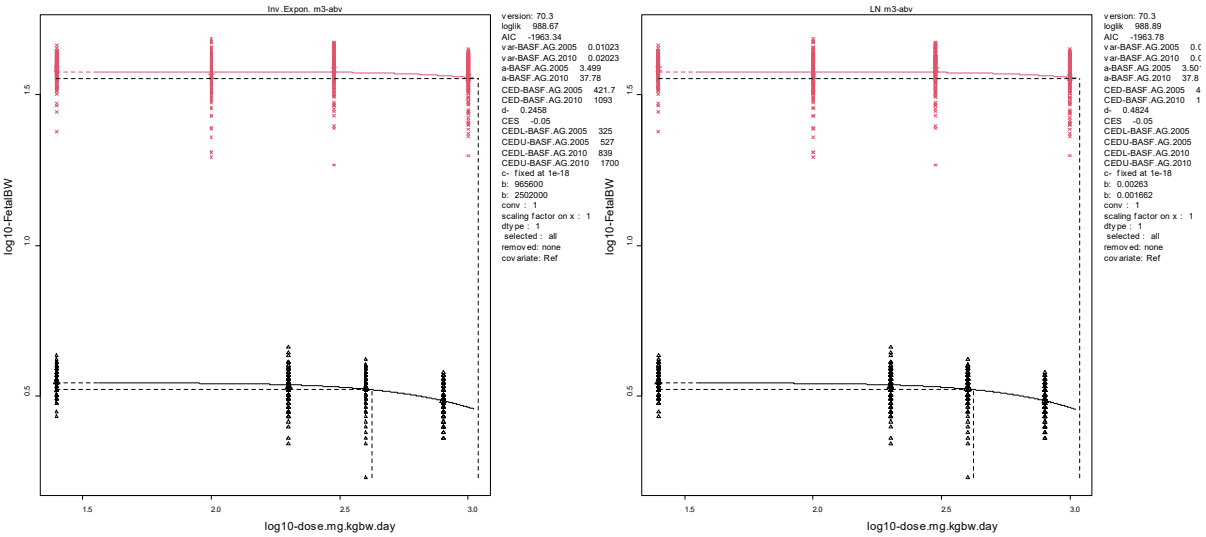
a. BMR = 5%

Fitted models

model	loglik	No.par	AIC
full model	962.02	9	-1906.04
full-v	998.91	10	-1977.82
null model-v	-770.85	3	1547.7
null model-a-v	889.93	4	-1771.86
Expon. m3-v	-1474.71	5	2959.42
Expon. m3-av	964.33	6	-1916.66
Expon. m3-abv	989.19	7	-1964.38
Expon. m5-av	964.84	7	-1915.68
Expon. m5-abv	989.19	8	-1962.38
Hill m3-av	964.33	6	-1916.66
Hill m3-abv	989.19	7	-1964.38
Hill m5-av	965.2	7	-1916.4
Hill m5-abv	989.18	8	-1962.36
Inv.Expon. m3-av	964.12	6	-1916.24
Inv.Expon. m3-abv	988.67	7	-1963.34
Inv.Expon. m5-av	964.08	7	-1914.16
Inv.Expon. m5-abv	988.57	8	-1961.14
LN m3-av	964.24	6	-1916.48
LN m3-abv	988.89	7	-1963.78
LN m5-av	964.22	7	-1914.44
LN m5-abv	988.83	8	-1961.66

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2998	0.2998	0.1782	0.2221

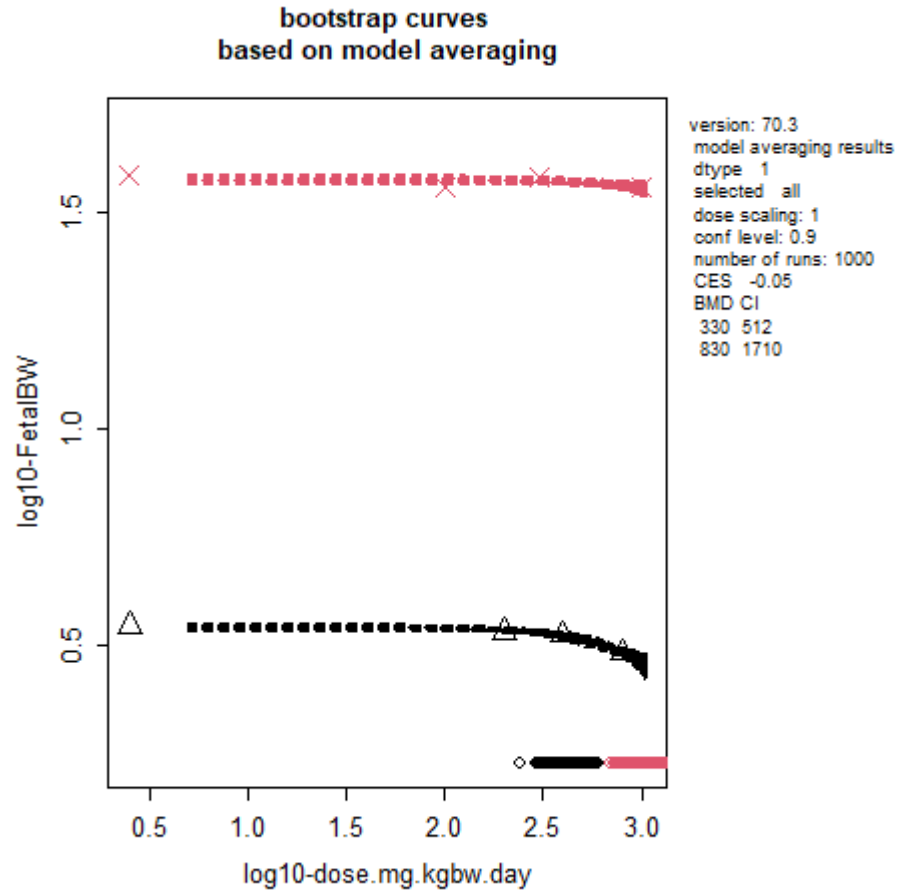


Table 80: The model-average BMD confidence interval based on 5% BMR

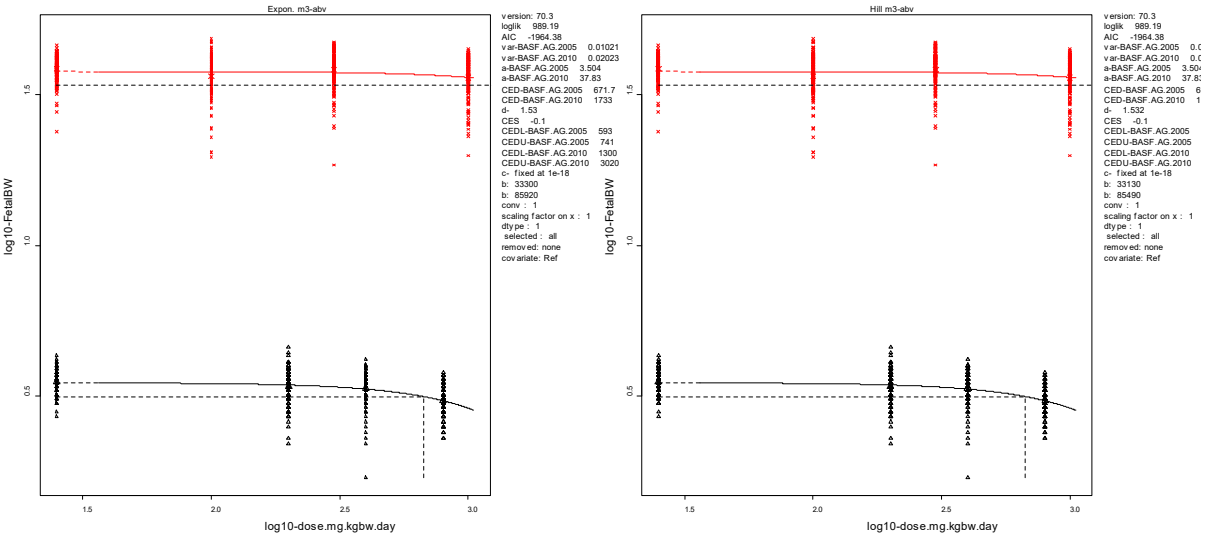
Study	BMD lower limit	BMD upper limit
BASF (2005)	333	512
BASF (2010)	828	1710

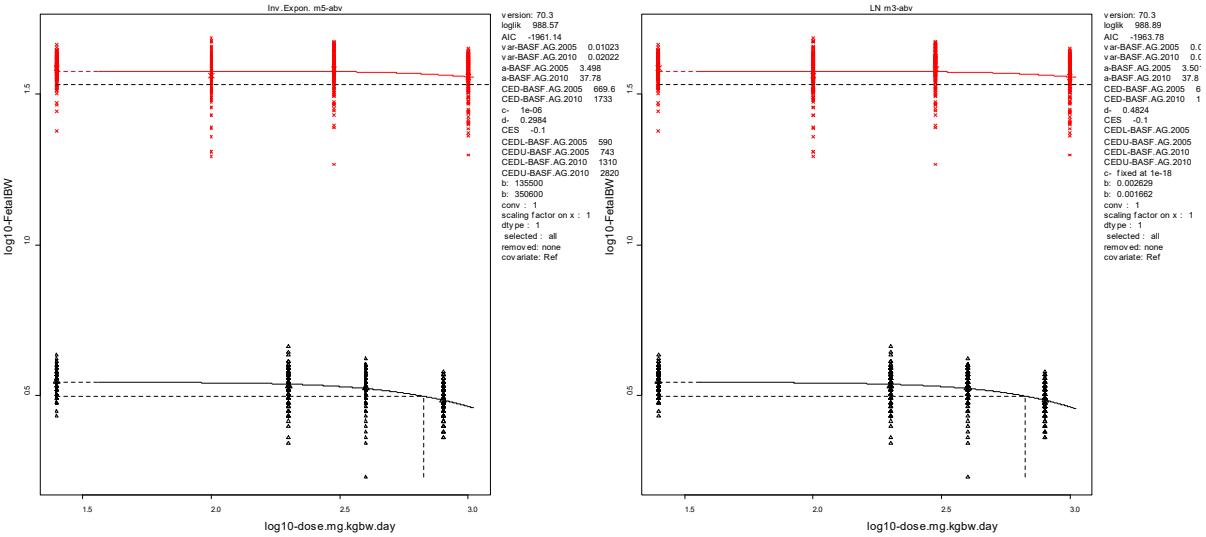
b. BMR = 10%

Fitted models

model	loglik	No.par	AIC
full model	962.02	9	-1906.04
full-v	998.91	10	-1977.82
null model-v	-770.85	3	1547.7
null model-a-v	889.93	4	-1771.86
Expon. m3-v	-1474.71	5	2959.42
Expon. m3-av	964.33	6	-1916.66
Expon. m3-abv	989.19	7	-1964.38
Expon. m5-av	964.84	7	-1915.68
Expon. m5-abv	989.19	8	-1962.38
Hill m3-av	964.33	6	-1916.66
Hill m3-abv	989.19	7	-1964.38
Hill m5-av	965.2	7	-1916.4
Hill m5-abv	989.18	8	-1962.36
Inv.Expon. m3-av	964.12	6	-1916.24
Inv.Expon. m3-abv	981.38	7	-1948.76
Inv.Expon. m5-av	964.08	7	-1914.16
Inv.Expon. m5-abv	988.57	8	-1961.14
LN m3-av	964.24	6	-1916.48
LN m3-abv	988.89	7	-1963.78
LN m5-av	964.22	7	-1914.44
LN m5-abv	988.83	8	-1961.66

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.3403	0.3403	0.0673	0.2521

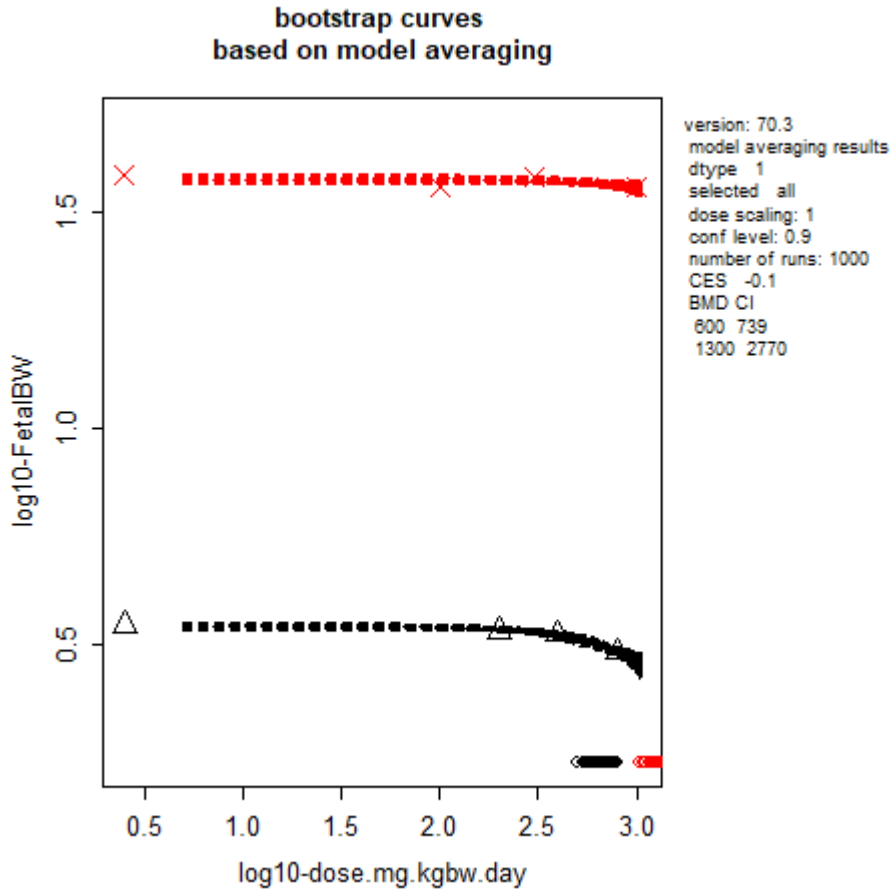


Table 81: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2005)	598	739
BASF (2010)	1320	2770

2. Post-implantation loss

Table 82: Data for the BMD analysis of post-implantation loss of female rat and rabbit, after exposure through gestational days 6–19 (day6.19, rat) or 6–28 (day6.28, rabbit). The exposure route is dermal

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
BASF (2005)	rat	day6.19	0	11	1
	rat	day6.19	0	9	0
	rat	day6.19	0	NA	NA
	rat	day6.19	0	10	0
	rat	day6.19	0	9	0

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
	rat	day6.19	0	9	1
	rat	day6.19	0	11	0
	rat	day6.19	0	10	1
	rat	day6.19	0	9	0
	rat	day6.19	0	10	1
	rat	day6.19	0	10	2
	rat	day6.19	0	10	0
	rat	day6.19	0	9	0
	rat	day6.19	0	7	0
	rat	day6.19	0	9	0
	rat	day6.19	0	9	1
	rat	day6.19	0	9	0
	rat	day6.19	0	8	1
	rat	day6.19	0	9	1
	rat	day6.19	0	5	1
	rat	day6.19	0	5	0
	rat	day6.19	0	9	0
	rat	day6.19	0	9	0
	rat	day6.19	0	2	0
	rat	day6.19	0	10	1
	rat	day6.19	200	9	2
	rat	day6.19	200	NA	NA
	rat	day6.19	200	10	0
	rat	day6.19	200	10	0
	rat	day6.19	200	10	1
	rat	day6.19	200	9	1
	rat	day6.19	200	9	0
	rat	day6.19	200	10	0
	rat	day6.19	200	12	3
	rat	day6.19	200	11	2
	rat	day6.19	200	6	0
	rat	day6.19	200	8	0
	rat	day6.19	200	10	1
	rat	day6.19	200	13	0
	rat	day6.19	200	7	0
	rat	day6.19	200	9	1
	rat	day6.19	200	12	1
	rat	day6.19	200	NA	NA
	rat	day6.19	200	9	0
	rat	day6.19	200	9	0
	rat	day6.19	200	12	1
	rat	day6.19	200	10	0
	rat	day6.19	200	10	1
	rat	day6.19	200	10	0

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
	rat	day6.19	200	10	0
	rat	day6.19	400	8	0
	rat	day6.19	400	9	0
	rat	day6.19	400	9	0
	rat	day6.19	400	NA	NA
	rat	day6.19	400	9	0
	rat	day6.19	400	9	0
	rat	day6.19	400	12	0
	rat	day6.19	400	NA	NA
	rat	day6.19	400	12	1
	rat	day6.19	400	10	0
	rat	day6.19	400	9	0
	rat	day6.19	400	8	1
	rat	day6.19	400	10	1
	rat	day6.19	400	8	0
	rat	day6.19	400	7	0
	rat	day6.19	400	8	0
	rat	day6.19	400	9	0
	rat	day6.19	400	6	5
	rat	day6.19	400	NA	NA
	rat	day6.19	400	11	1
	rat	day6.19	400	12	1
	rat	day6.19	400	5	1
	rat	day6.19	400	9	1
	rat	day6.19	400	NA	NA
	rat	day6.19	400	10	0
	rat	day6.19	800	8	0
	rat	day6.19	800	1	1
	rat	day6.19	800	9	0
	rat	day6.19	800	11	0
	rat	day6.19	800	8	0
	rat	day6.19	800	10	0
	rat	day6.19	800	8	1
	rat	day6.19	800	9	1
	rat	day6.19	800	11	1
	rat	day6.19	800	11	0
	rat	day6.19	800	9	0
	rat	day6.19	800	9	0
	rat	day6.19	800	9	0
	rat	day6.19	800	9	0
	rat	day6.19	800	NA	NA
	rat	day6.19	800	NA	NA
	rat	day6.19	800	8	1
	rat	day6.19	800	10	0

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
	rat	day6.19	800	8	2
	rat	day6.19	800	10	0
	rat	day6.19	800	10	0
	rat	day6.19	800	7	0
	rat	day6.19	800	NA	NA
	rat	day6.19	800	10	1
	rat	day6.19	800	12	0
BASF (2010)	rabbit	day6.28	0	9	2
	rabbit	day6.28	0	8	3
	rabbit	day6.28	0	9	0
	rabbit	day6.28	0	6	0
	rabbit	day6.28	0	5	0
	rabbit	day6.28	0	6	1
	rabbit	day6.28	0	3	0
	rabbit	day6.28	0	8	0
	rabbit	day6.28	0	4	1
	rabbit	day6.28	0	8	0
	rabbit	day6.28	0	8	0
	rabbit	day6.28	0	7	1
	rabbit	day6.28	0	6	1
	rabbit	day6.28	0	10	0
	rabbit	day6.28	0	NA	NA
	rabbit	day6.28	0	9	0
	rabbit	day6.28	0	7	0
	rabbit	day6.28	0	6	0
	rabbit	day6.28	0	8	0
	rabbit	day6.28	0	8	0
	rabbit	day6.28	0	6	0

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
	rabbit	day6.28	0	8	0
	rabbit	day6.28	0	NA	NA
	rabbit	day6.28	0	6	0
	rabbit	day6.28	0	9	0
	rabbit	day6.28	100	6	1
	rabbit	day6.28	100	NA	NA
	rabbit	day6.28	100	8	1
	rabbit	day6.28	100	10	0
	rabbit	day6.28	100	10	2
	rabbit	day6.28	100	7	0
	rabbit	day6.28	100	5	0
	rabbit	day6.28	100	4	0
	rabbit	day6.28	100	3	0
	rabbit	day6.28	100	9	0
	rabbit	day6.28	100	4	0
	rabbit	day6.28	100	11	0
	rabbit	day6.28	100	7	0
	rabbit	day6.28	100	5	0
	rabbit	day6.28	100	6	0
	rabbit	day6.28	100	7	0
	rabbit	day6.28	100	4	1
	rabbit	day6.28	100	7	0
	rabbit	day6.28	100	9	0
	rabbit	day6.28	100	6	0

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
	rabbit	day6.28	100	6	2
	rabbit	day6.28	100	7	0
	rabbit	day6.28	100	8	0
	rabbit	day6.28	100	6	1
	rabbit	day6.28	100	8	0
	rabbit	day6.28	300	9	0
	rabbit	day6.28	300	7	0
	rabbit	day6.28	300	6	0
	rabbit	day6.28	300	6	0
	rabbit	day6.28	300	2	0
	rabbit	day6.28	300	7	0
	rabbit	day6.28	300	9	1
	rabbit	day6.28	300	1	0
	rabbit	day6.28	300	8	2
	rabbit	day6.28	300	8	0
	rabbit	day6.28	300	NA	NA
	rabbit	day6.28	300	NA	NA
	rabbit	day6.28	300	8	2
	rabbit	day6.28	300	6	2
	rabbit	day6.28	300	12	0
	rabbit	day6.28	300	6	0
	rabbit	day6.28	300	NA	NA
	rabbit	day6.28	300	10	2
	rabbit	day6.28	300	12	5

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
	rabbit	day6.28	300	6	1
	rabbit	day6.28	300	7	1
	rabbit	day6.28	300	NA	NA
	rabbit	day6.28	300	8	0
	rabbit	day6.28	300	7	0
	rabbit	day6.28	300	5	0
	rabbit	day6.28	1000	1	0
	rabbit	day6.28	1000	6	0
	rabbit	day6.28	1000	7	0
	rabbit	day6.28	1000	8	2
	rabbit	day6.28	1000	NA	NA
	rabbit	day6.28	1000	NA	NA
	rabbit	day6.28	1000	7	2
	rabbit	day6.28	1000	9	3
	rabbit	day6.28	1000	9	0
	rabbit	day6.28	1000	7	0
	rabbit	day6.28	1000	5	0
	rabbit	day6.28	1000	8	1
	rabbit	day6.28	1000	6	1
	rabbit	day6.28	1000	7	1
	rabbit	day6.28	1000	7	1
	rabbit	day6.28	1000	10	2
	rabbit	day6.28	1000	6	0
	rabbit	day6.28	1000	11	1

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Number of implantations	Number of post-implantation loss
	rabbit	day6.28	1000	7	0
	rabbit	day6.28	1000	6	0
	rabbit	day6.28	1000	8	0
	rabbit	day6.28	1000	5	0
	rabbit	day6.28	1000	7	4
	rabbit	day6.28	1000	9	0
	rabbit	day6.28	1000	7	1

The post-implantation loss is calculated as follows:

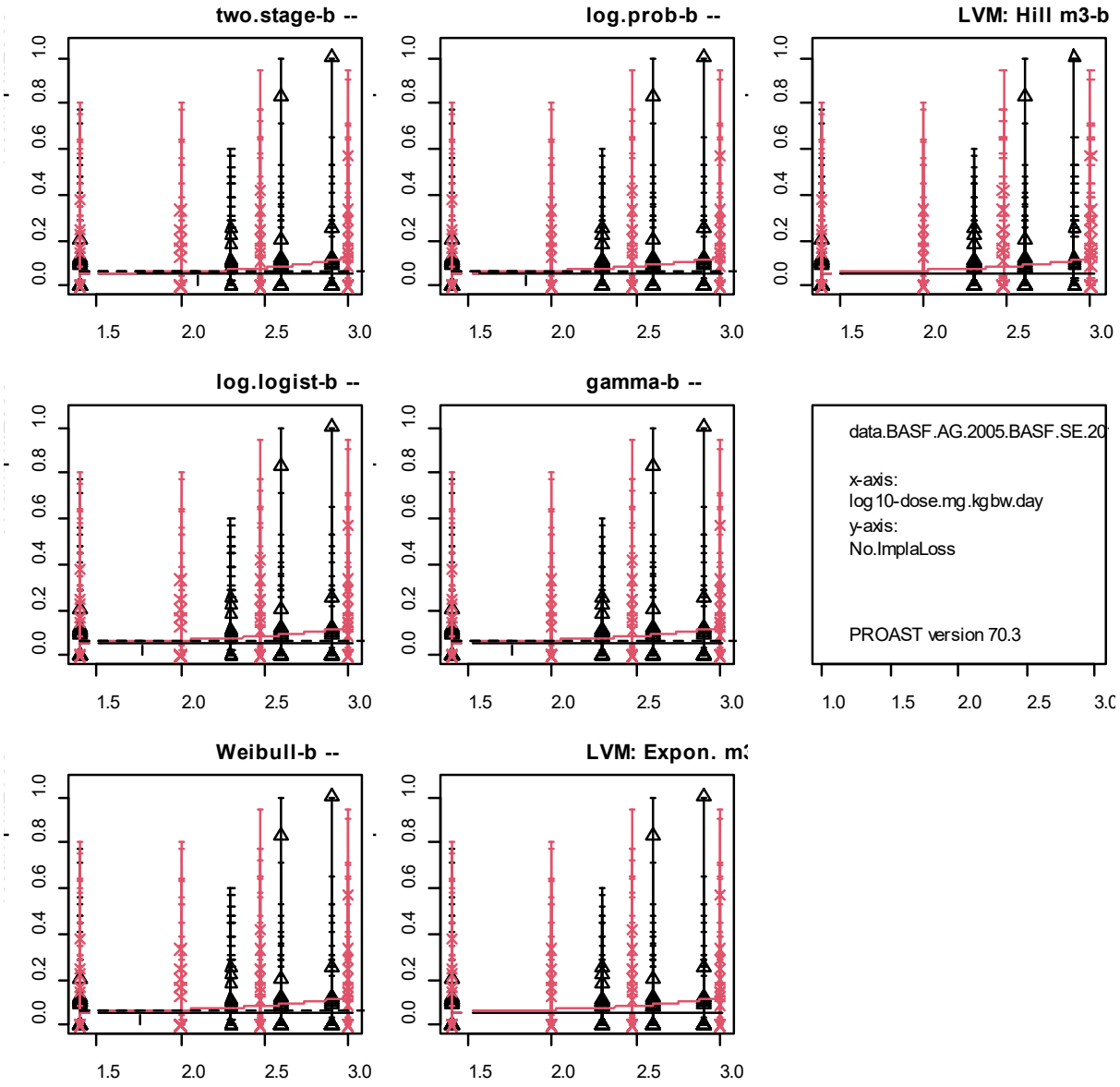
$$post\ implantation\ loss = \frac{number\ of\ implantation\ sites\ per\ litter\ \mathrm{X}\ all\ litter}{100}\ \mathrm{X}\ \%post\ implantation\ loss\ per\ litter$$

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	2	-354.72	713.44
two.stage-b	4	-351.93	711.86
log.logist-b	4	-351.75	711.5
Weibull-b	4	-351.76	711.52
log.prob-b	4	-351.69	711.38
gamma-b	4	-351.76	711.52
LVM: Expon. m3-b	4	-351.81	711.62
LVM: Hill m3-b	4	-351.81	711.62

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.1235	0.1479	0.1464	0.1571	0.1464	0.1393	0.1393

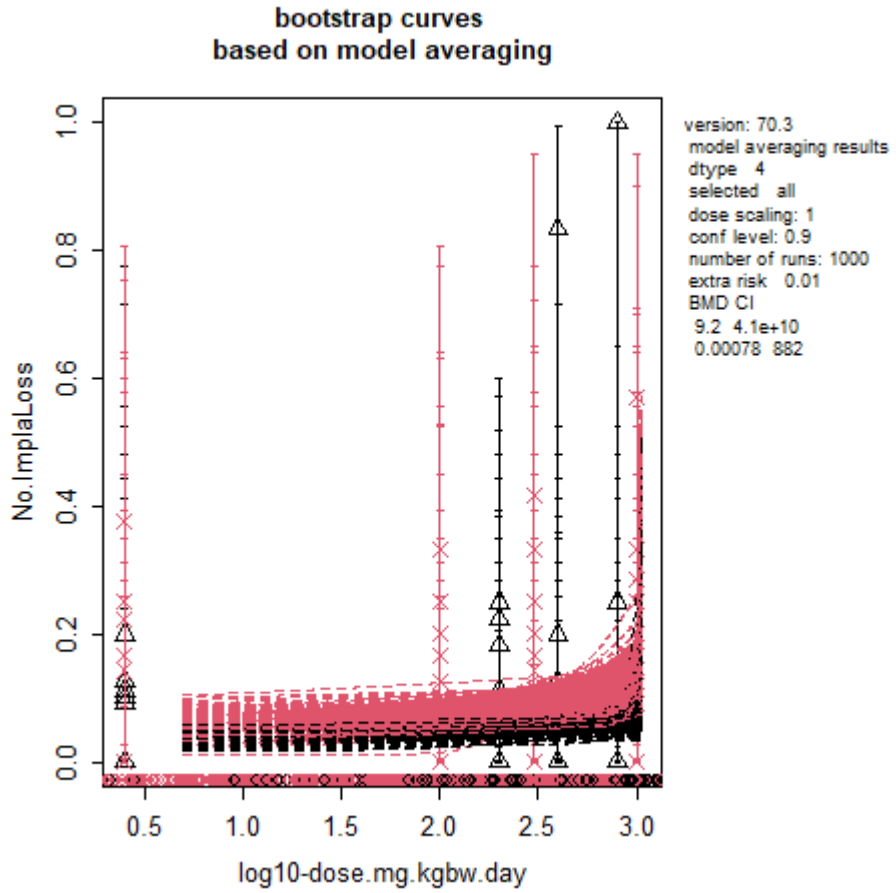


Table 83: The model-average BMD confidence interval based on 1% BMR

Study	BMD lower limit	BMD upper limit
BASF (2005)	9.21	4.1×10^{10}
BASF (2010)	0.000779	882

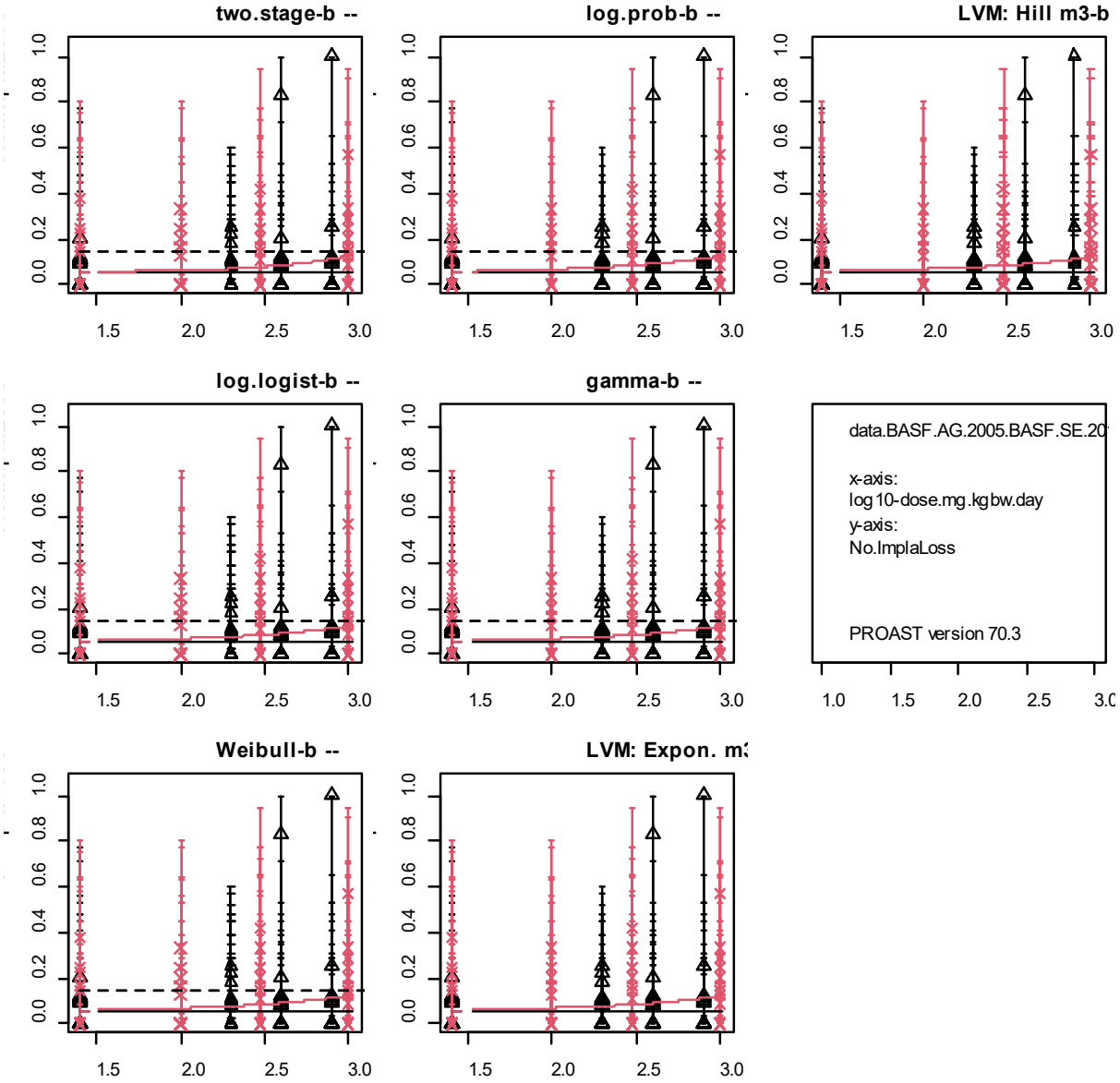
b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	2	-354.72	713.44
two.stage-b	4	-351.93	711.86
log.logist-b	4	-351.75	711.5
Weibull-b	4	-351.76	711.52
log.prob-b	4	-351.69	711.38
gamma-b	4	-351.76	711.52

model	No.par	loglik	AIC
LVM: Expon. m3-b	4	-351.81	711.62
LVM: Hill m3-b	4	-351.81	711.62

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.1235	0.1479	0.1464	0.1571	0.1464	0.1393	0.1393

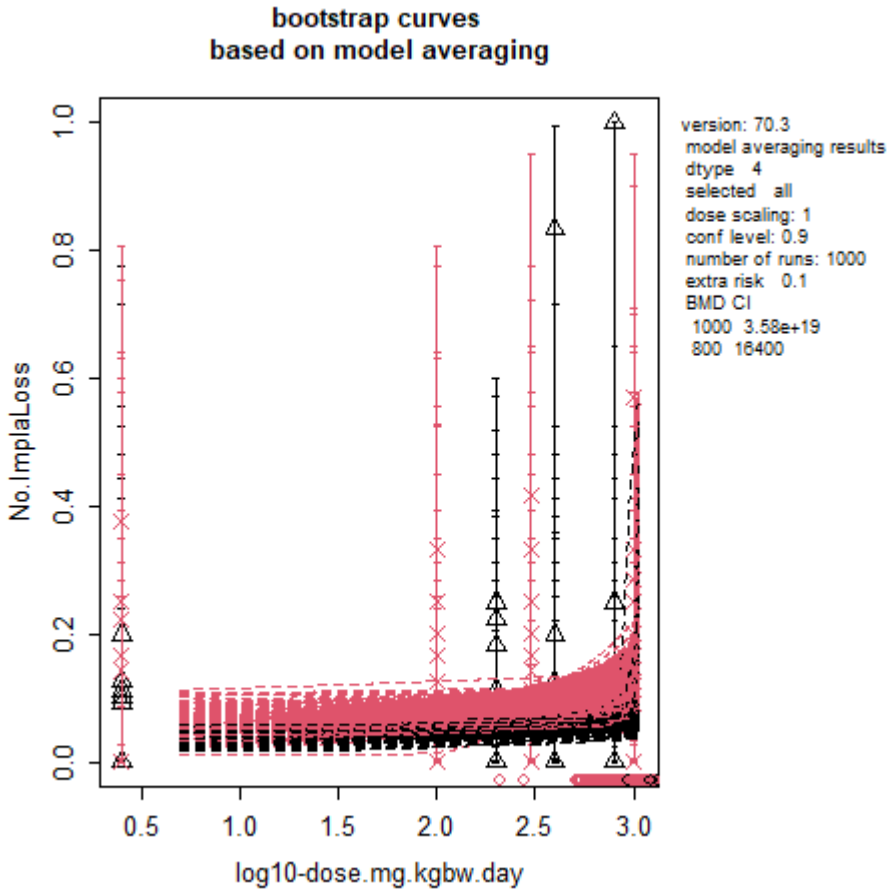


Table 84: The model-average BMD confidence interval based on 10% BMR

Study	BMD lower limit	BMD upper limit
BASF (2005)	1000	3.58×10^{19}
BASF (2010)	795	16400

3. Foetal external malformation

Table 85: Data for the BMD analysis of foetal external malformation. Exposure route is dermal. Exposure duration is gestational days 6 – 19 (day6.19) or 6 – 28 (day6.28)

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Incidence external malformation	Group size
BASF (2005)	rat	day6.19	0	3	197
	rat	day6.19	200	0	211
	rat	day6.19	400	0	178
	rat	day6.19	800	0	189
BASF (2010)	rabbit	day6.28	0	0	155

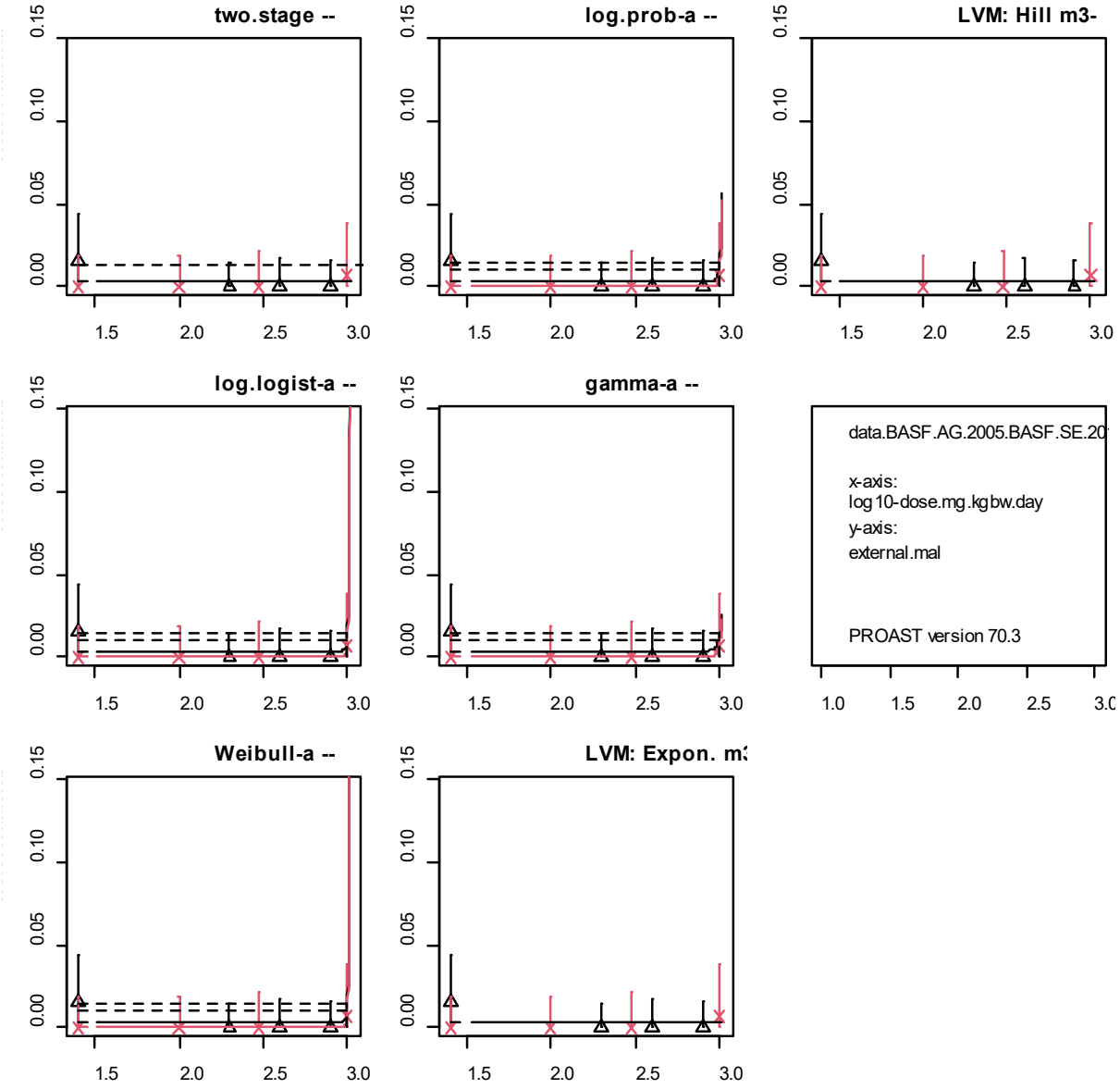
rabbit	day6.28	100	0	155
rabbit	day6.28	300	0	134
rabbit	day6.28	1000	1	144

Fitted models

model	No.par	loglik	AIC
null	1	-27.32	56.64
full	8	-21.50	59.00
two.stage	3	-27.32	60.64
log.logist-a	4	-25.62	59.24
Weibull-a	4	-25.62	59.24
log.prob-a	4	-25.62	59.24
Gamma-a	4	-25.62	59.24
LVM: Expon. m3-	3	-27.16	60.32
LVM: Hill m3-	3	-27.32	60.64

According to the BMD analysis, there is no significant dose-response relationship.

Visualization



4. Foetal visceral malformation

Table 86: Data for the BMD analysis of foetal visceral malformation. Exposure route is dermal. Exposure duration is gestational days 6 – 28

Study	Species	Dose (mg/kg bw/day)	Incidence visceral malformation	Group size
BASF (2010)	rabbit	0	1	155
	rabbit	100	6	155
	rabbit	300	6	134
	rabbit	1000	5	144

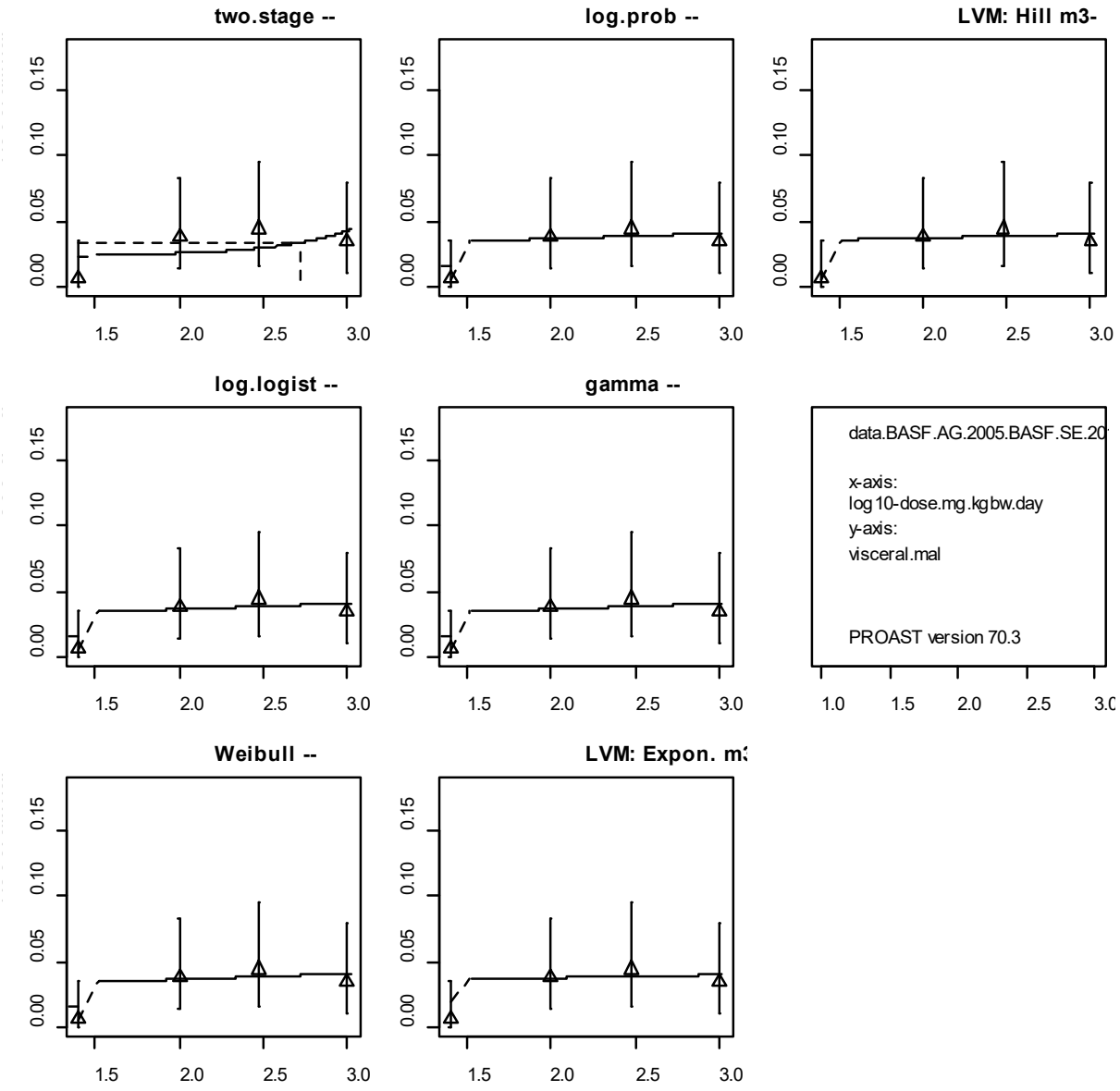
Fitted models

model	No.par	loglik	AIC

null	1	-80.48	162.96
full	4	-77.65	163.30
two.stage	3	-80.10	166.20
log.logist	3	-77.76	161.52
Weibull	3	-77.76	161.52
log.prob	3	-77.76	161.52
gamma	3	-77.79	161.58
LVM: Expon. m3-	3	-77.75	161.50
LVM: Hill m3-	3	-77.76	161.52

According to the BMD analysis, there is no significant dose-response relationship.

Visualization



5. Foetal cardiovascular malformation

Table 87: Data for the BMD analysis of foetal cardiovascular malformation of rabbit. Exposure route is dermal. Exposure duration is gestational days 6 – 28

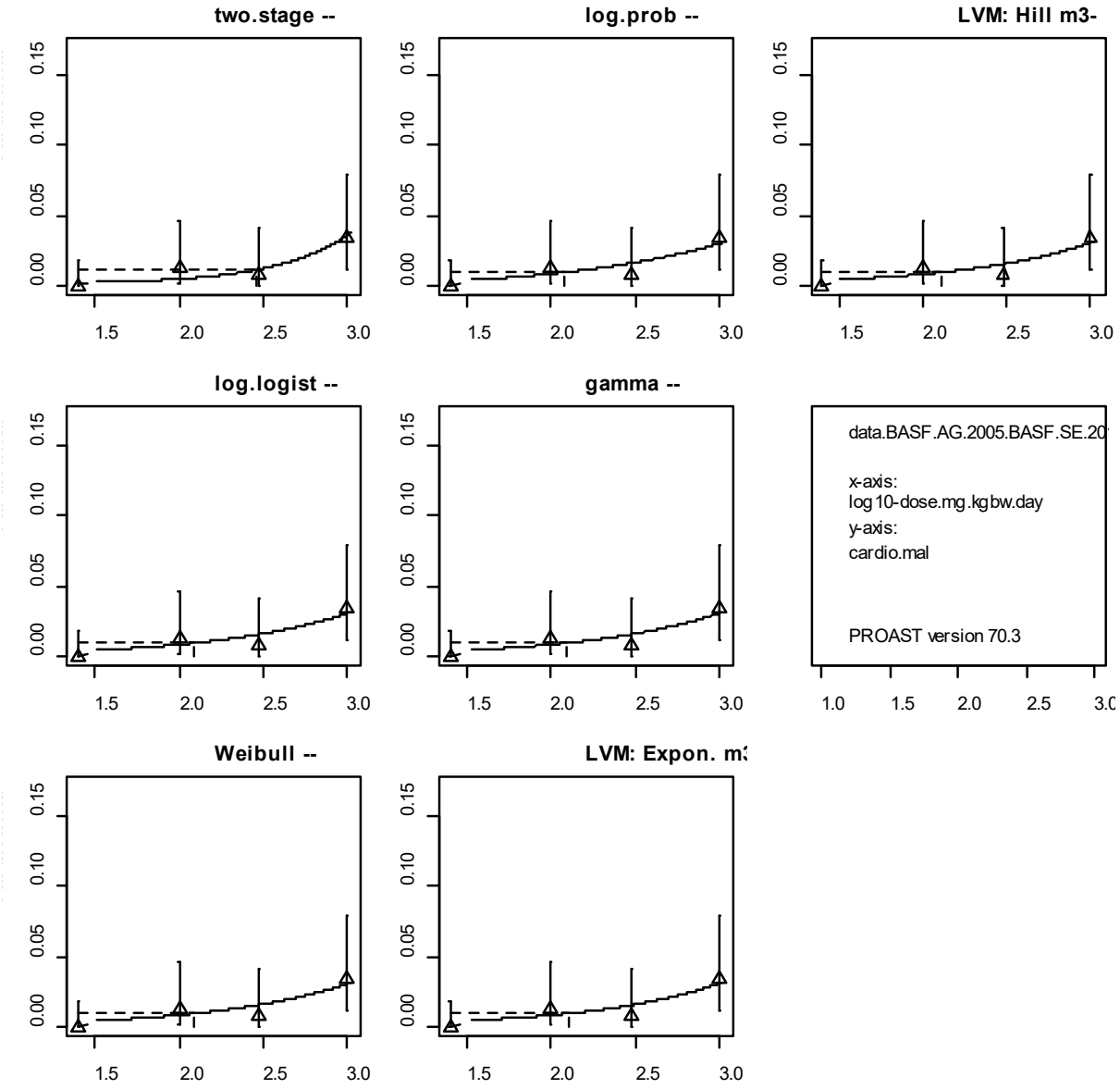
Study	Dose (mg/kg bw/day)	Incidence cardiovascular malformation	Group size
BASF (2010)	0	0	155
	100	2	155
	300	1	134
	1000	5	144

a. BMR = 1%

Fitted models

model	No.par	loglik	AIC
null	1	-42.32	86.64
full	4	-38.3	84.6
two.stage	3	-39.33	84.66
log.logist	3	-38.85	83.7
Weibull	3	-38.85	83.7
log.prob	3	-38.88	83.76
gamma	3	-38.85	83.7
LVM: Expon. m3-	3	-38.84	83.68
LVM: Hill m3-	3	-38.84	83.68

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0936	0.1513	0.1513	0.1468	0.1513	0.1528	0.1528

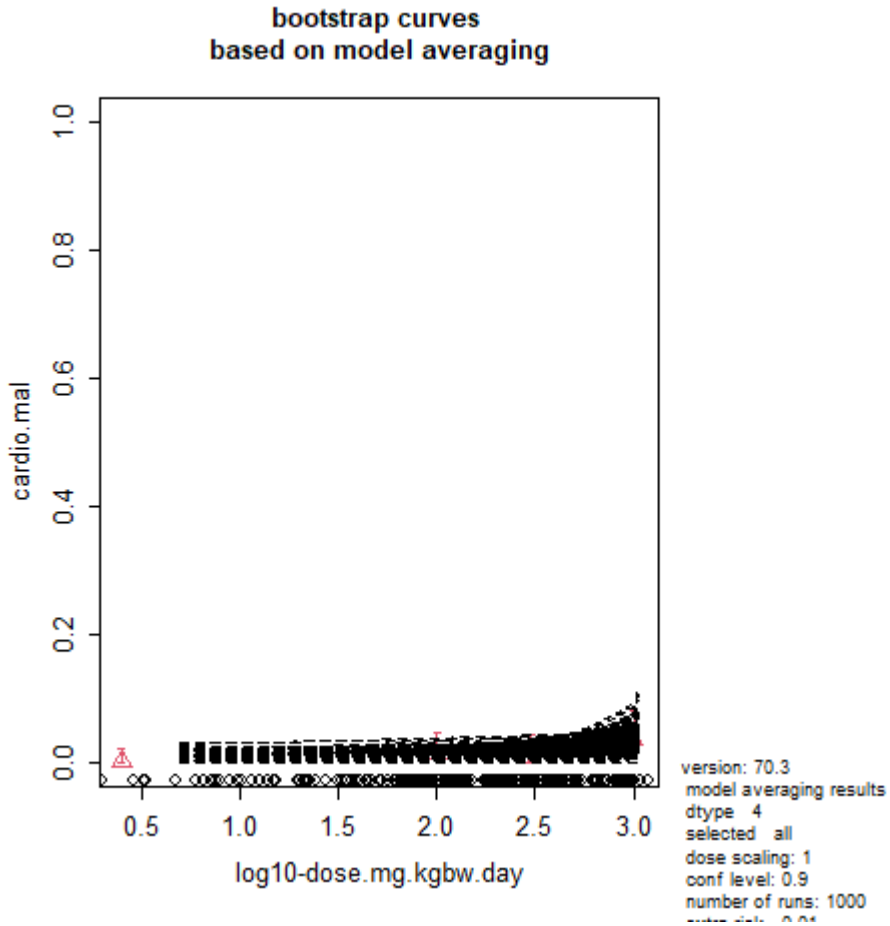


Table 88: The model-average BMD confidence interval based on 1% BMR

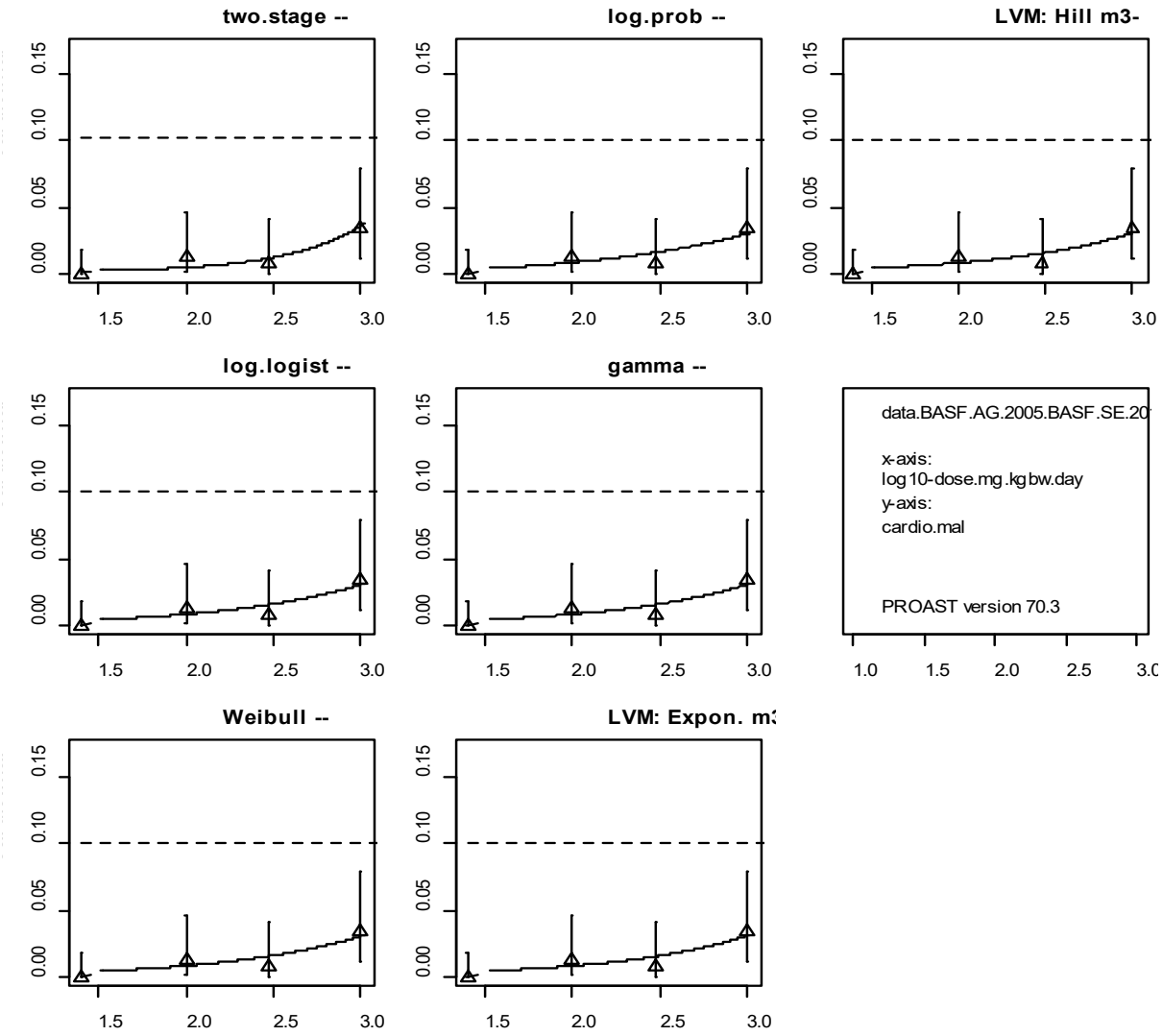
BMD lower limit	BMD upper limit
0.000227	905

b. BMR = 10%

Fitted models

model	No.par	loglik	AIC
null	1	-42.32	86.64
full	4	-38.3	84.6
two.stage	3	-39.33	84.66
log.logist	3	-38.85	83.7
Weibull	3	-38.85	83.7
log.prob	3	-38.88	83.76
gamma	3	-38.85	83.7
LVM: Expon. m3-	3	-38.84	83.68
LVM: Hill m3-	3	-38.84	83.68

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0936	0.1513	0.1513	0.1468	0.1513	0.1528	0.1528

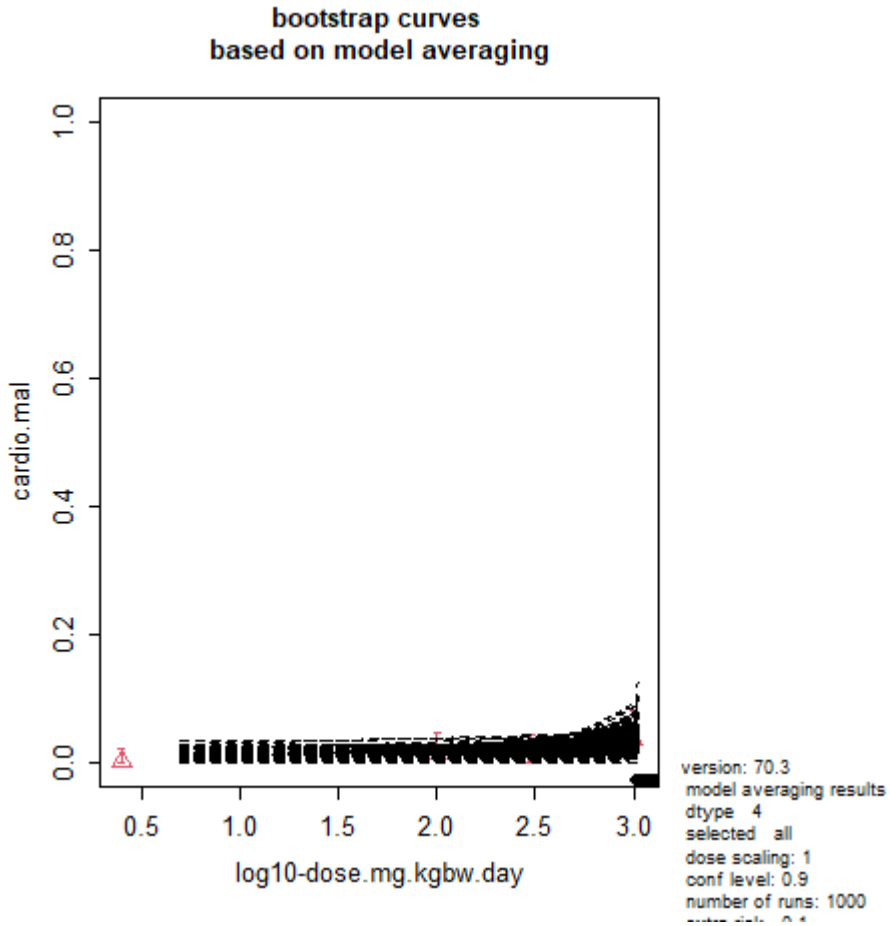


Table 89: The model-average BMD confidence interval based on 10% BMR

BMD lower limit	BMD upper limit
1150	1.49×10^{15}

6. Foetal skeletal malformation

Table 90: Data for the BMD analysis of foetal skeletal malformation. Exposure route is dermal. Exposure duration is gestational days 6 – 19 (day6.19) or 6 – 28 (day6.28)

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Incidence skeletal malformation	Group size
BASF (2005)	rat	day6.19	0	1	106
	rat	day6.19	200	0	112
	rat	day6.19	400	1	95
	rat	day6.19	800	1	100
BASF (2010)	rabbit	day6.28	0	2	155

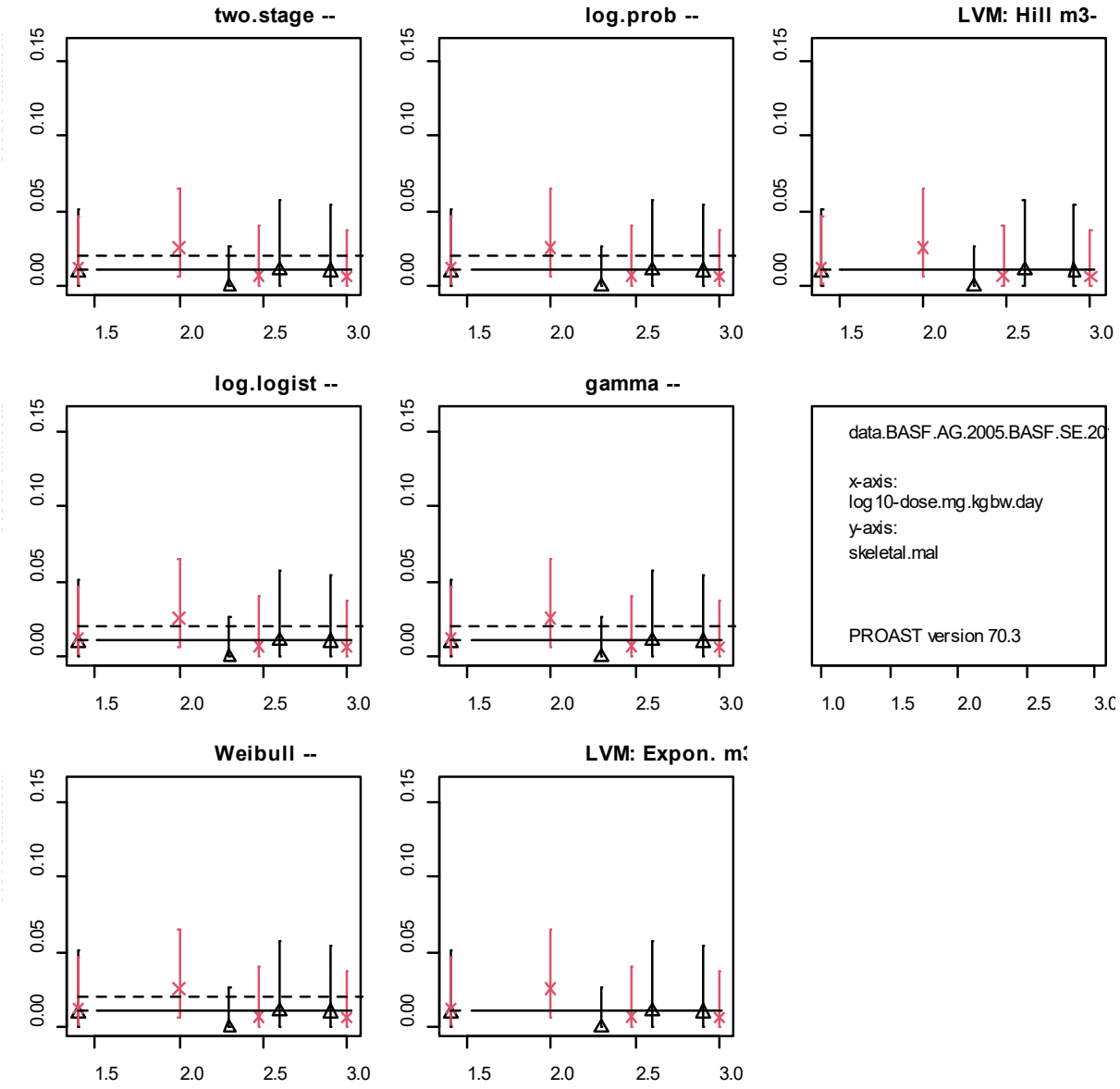
	rabbit	day6.28	100	4	155
	rabbit	day6.28	300	1	134
	rabbit	day6.28	1000	1	144

Fitted models

model	No.par	loglik	AIC
null	1	-60.56	123.12
full	8	-57.93	131.86
two.stage	3	-60.56	127.12
log.logist	3	-60.56	127.12
Weibull	3	-60.56	127.12
log.prob	3	-60.56	127.12
gamma	3	-60.56	127.12
LVM: Expon. m3-	3	-60.56	127.12
LVM: Hill m3-	3	-60.56	127.12

According to the BMD analysis, there is no significant dose-response relationship.

Visualization



7. Foetal skeletal variation

Table 91: Data for the BMD analysis of foetal skeletal variation. Exposure route is dermal. Exposure duration is gestational days 6 – 19 (day6.19) or 6 – 28 (day6.28)

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Incidence skeletal variation	Group size
BASF (2005)	rat	day6.19	0	102	106
	rat	day6.19	200	111	112
	rat	day6.19	400	93	95
	rat	day6.19	800	100	100
BASF (2010)	rabbit	day6.28	0	101	155
	rabbit	day6.28	100	96	155
	rabbit	day6.28	300	82	134

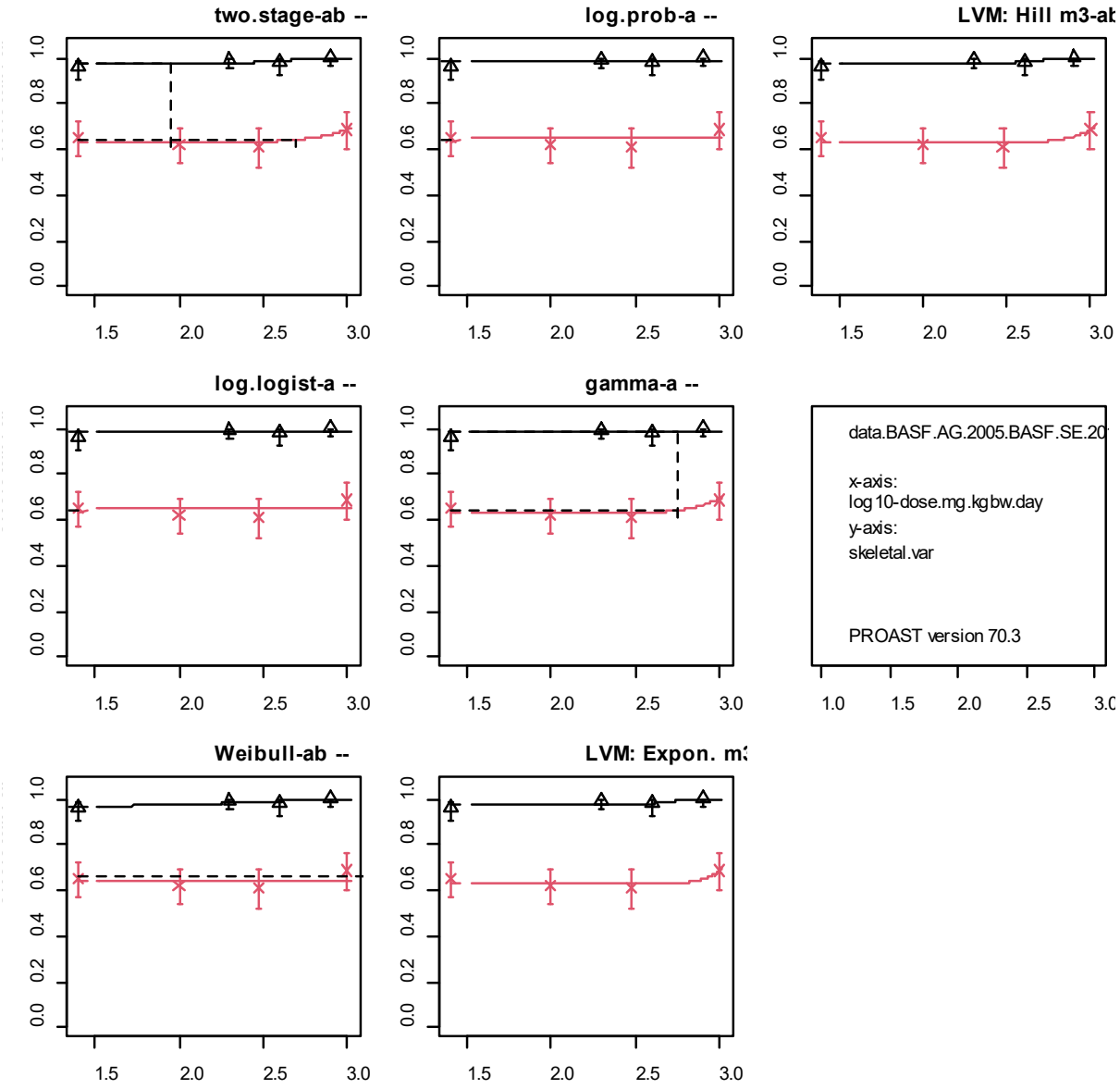
	rabbit	day6.28	1000	99	144

Fitted models

model	No.par	loglik	AIC
null	2	-418.72	841.44
full	8	-414.56	845.12
two.stage-a	4	-419.85	847.70
log.logist-a	4	-419.39	846.78
Weibull-a	4	-419.57	847.14
log.prob-a	4	-419.27	846.54
gamma-a	4	419.72	847.44
LVM: Expon. m3-ab	5	-442.00	894.00
LVM: Hill m3-ab	5	-442.00	894.00

According to the BMD analysis, there is no significant dose-response relationship.

Visualization



BASF (2006)

1. Body weight

Table 92: Dataset used for the analysis of body weight of rat after 90 days exposure. Exposure route is diet

Dose (mg/kg bw/d)	Sex	Body weight (g)	Standard deviation	Group size
0	m	391.1	35.8	10
100	m	392.5	33.5	10
300	m	357.1	17.3	10
1000	m	322.3	28.9	10
0	f	236.9	13.6	10

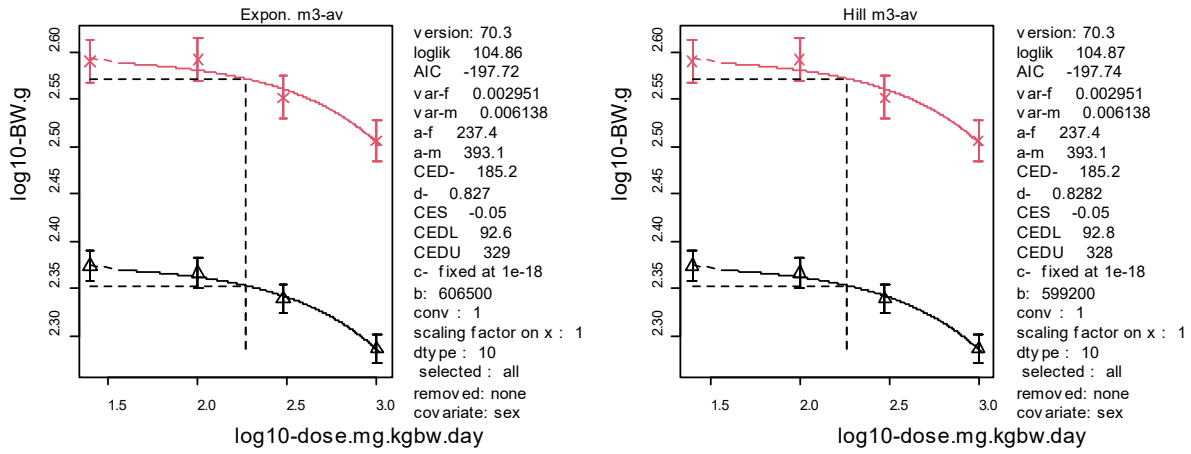
100	f	233	17	10
300	f	218.6	10.1	10
1000	f	193.5	9.1	10

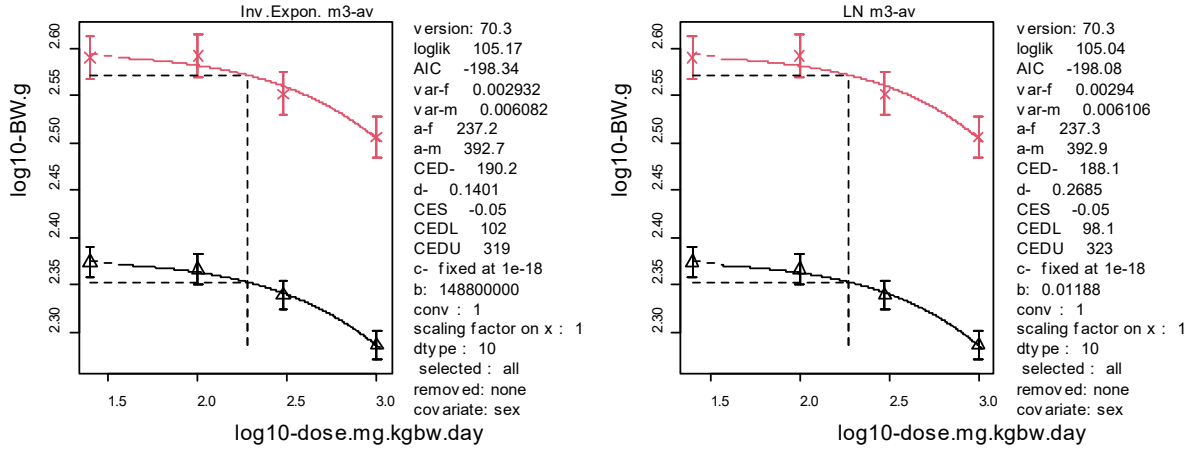
a. BMR = 5%

Fitted models

model	loglik	No.par	AIC
full model	103.75	9	-189.5
full-v	106.13	10	-192.26
null model-v	7.45	3	-8.9
null model-a-v	68.26	4	-128.52
Expon. m3-v	15.99	5	-21.98
Expon. m3-av	104.86	6	-197.72
Expon. m3-abv	104.86	7	-195.72
Expon. m5-av	105.43	7	-196.86
Expon. m5-abv	105.44	8	-194.88
Hill m3-av	104.87	6	-197.74
Hill m3-abv	104.87	7	-195.74
Hill m5-av	105.75	7	-197.5
Hill m5-abv	105.79	8	-195.58
Inv.Expon. m3-av	105.17	6	-198.34
Inv.Expon. m3-abv	105.17	7	-196.34
Inv.Expon. m5-av	105.85	7	-197.7
Inv.Expon. m5-abv	105.88	8	-195.76
LN m3-av	105.04	6	-198.08
LN m3-abv	105.04	7	-196.08
LN m5-av	105.82	7	-197.64
LN m5-abv	105.85	8	-195.7

Visualization





Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2188	0.221	0.2983	0.2619

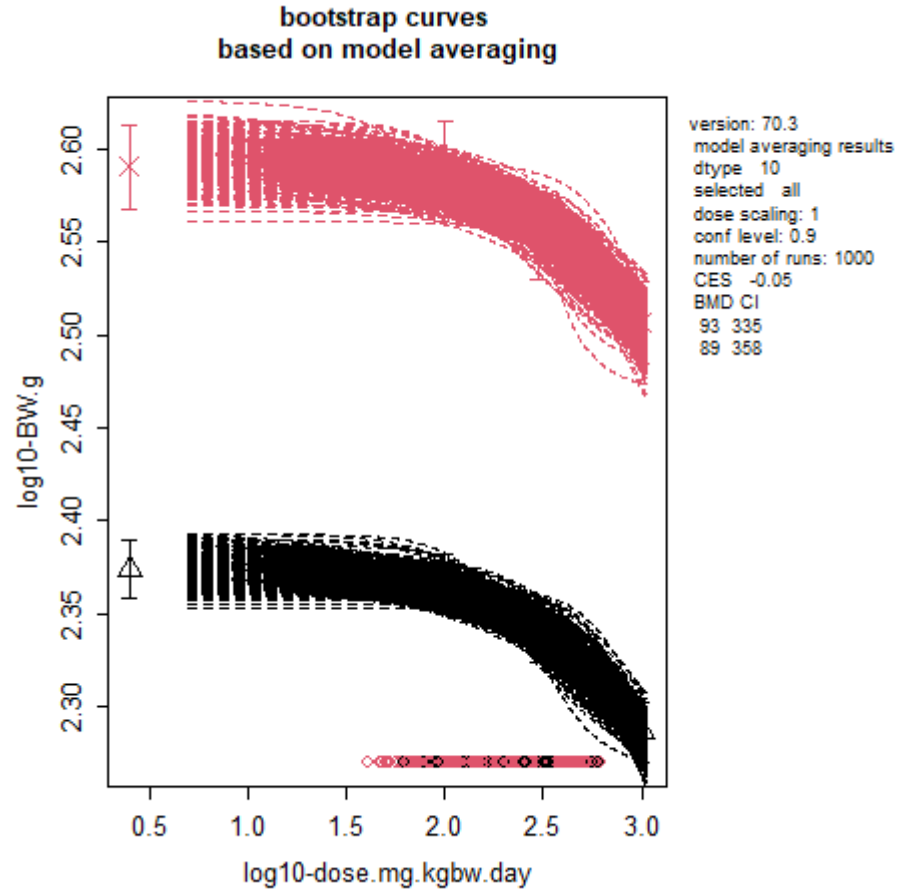


Table 93: The model-average BMD confidence interval based on 5% BMR

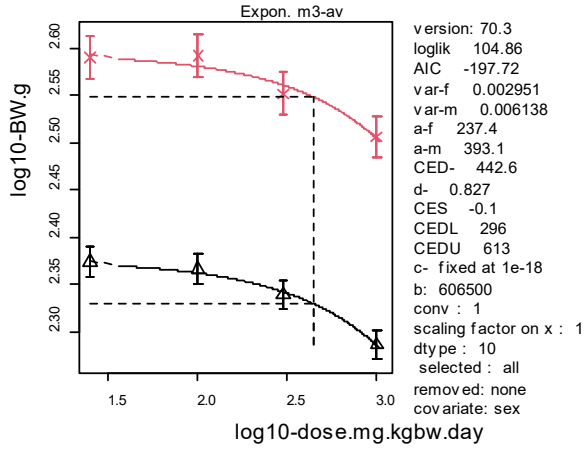
Sex	BMD lower limit	BMD upper limit
f	92.6	335
m	88.8	358

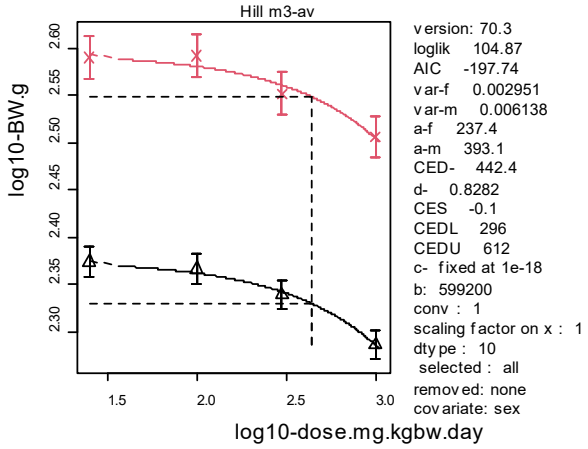
b. BMR = 10%

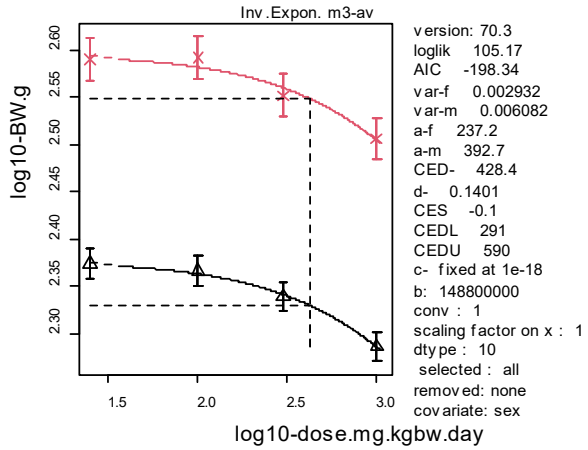
Fitted models

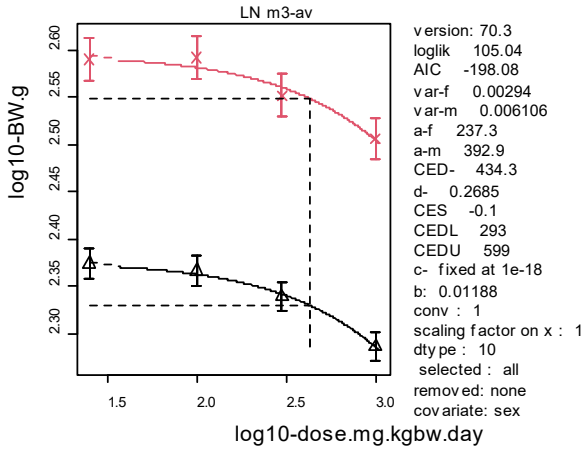
model	loglik	No.par	AIC
full model	103.75	9	-189.5
full-v	106.13	10	-192.26
null model-v	7.45	3	-8.9
null model-a-v	68.26	4	-128.52
Expon. m3-v	15.99	5	-21.98
Expon. m3-av	104.86	6	-197.72
Expon. m3-abv	104.86	7	-195.72
Expon. m5-av	105.43	7	-196.86
Expon. m5-abv	105.44	8	-194.88
Hill m3-av	104.87	6	-197.74
Hill m3-abv	104.87	7	-195.74
Hill m5-av	105.75	7	-197.5
Hill m5-abv	105.79	8	-195.58
Inv.Expon. m3-av	105.17	6	-198.34
Inv.Expon. m3-abv	105.17	7	-196.34
Inv.Expon. m5-av	105.85	7	-197.7
Inv.Expon. m5-abv	105.88	8	-195.76
LN m3-av	105.04	6	-198.08
LN m3-abv	105.04	7	-196.08
LN m5-av	105.82	7	-197.64
LN m5-abv	105.85	8	-195.7

Visualization









Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.2188	0.221	0.2983	0.2619

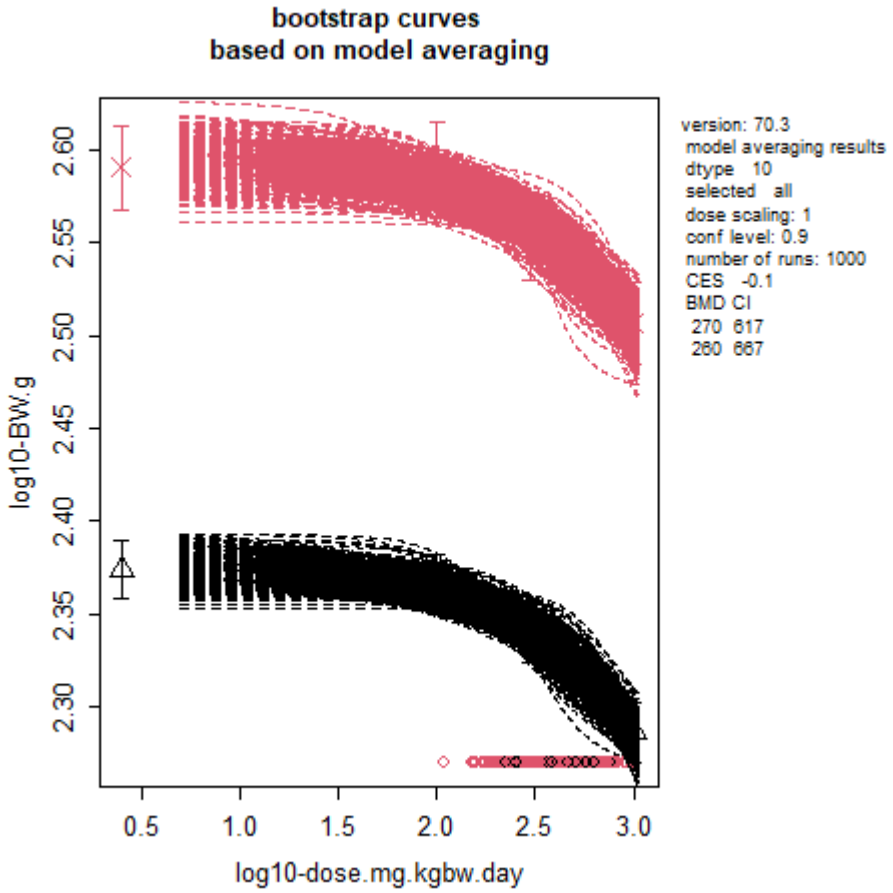


Table 94: The model-average BMD confidence interval based on 5% BMR

Sex	BMD lower limit	BMD upper limit
f	269	617
m	260	667

2. Relative liver weight

Table 95: Dataset used for the analysis of relative liver weight of rat after 90 days exposure (diet)

Dose (mg/kg bw/d)	Sex	Relative liver weight (%)	Standard deviation	Group size
0	m	2.455	0.145	10
100	m	2.625	0.173	10
300	m	2.774	0.198	10
1000	m	3.749	0.201	10
0	f	2.476	0.126	10
100	f	2.6	0.146	10

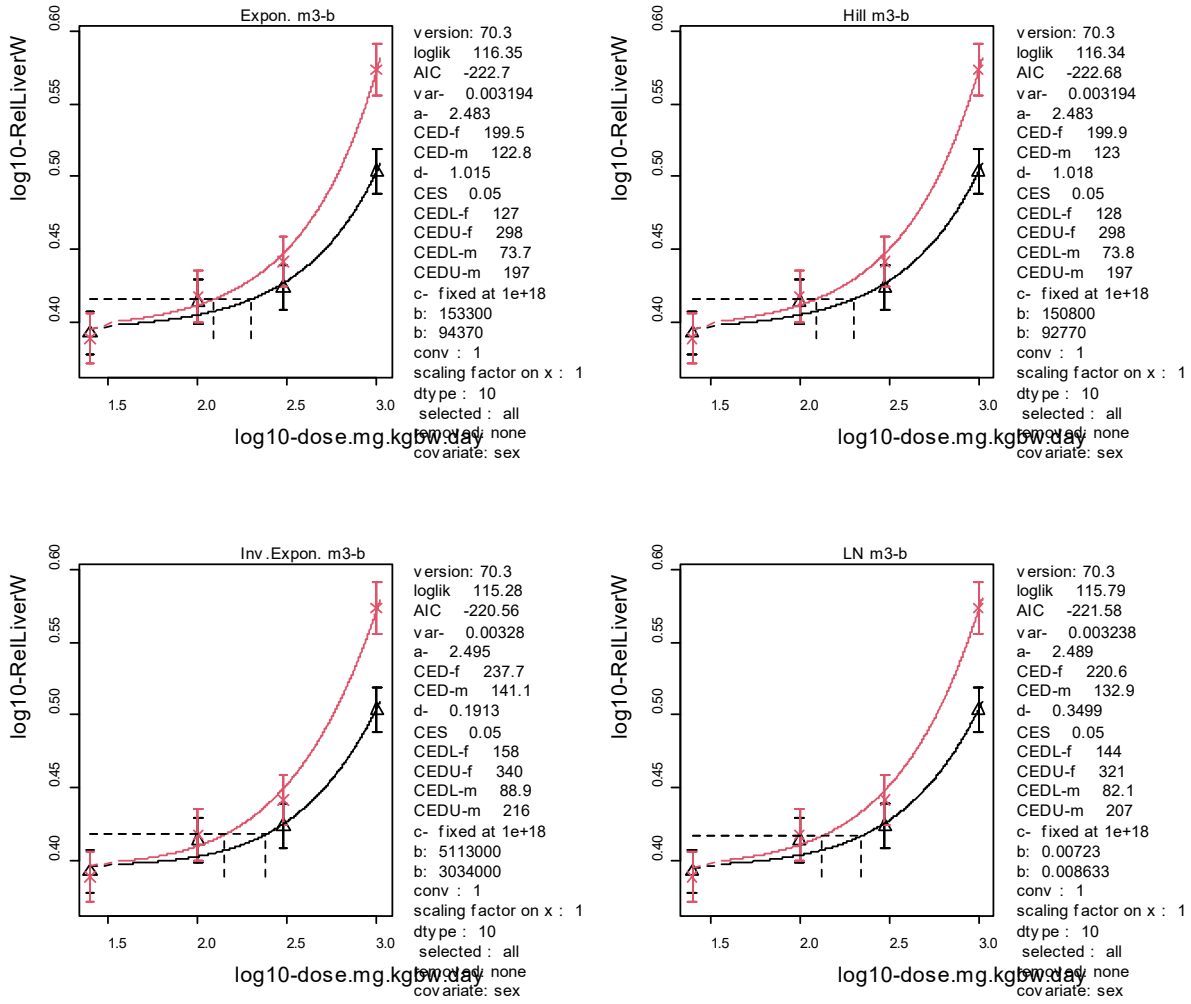
300	f	2.659	0.122	10
1000	f	3.194	0.194	10

a. BMR = 5%

Fitted models

model	loglik	No.par	AIC
full model	117.93	9	-217.86
full-v	118.42	10	-216.84
null model	40.12	2	-76.24
null model-a	41.32	3	-76.64
Expon. m3-	99.15	4	-190.3
Expon. m3-a	104.68	5	-199.36
Expon. m3-b	116.35	5	-222.7
Expon. m3-ab	116.48	6	-220.96
Expon. m5-	99.14	5	-188.28
Expon. m5-a	104.67	6	-197.34
Expon. m5-b	116.33	6	-220.66
Expon. m5-ab	116.47	7	-218.94
Hill m3-	99.14	4	-190.28
Hill m3-a	104.68	5	-199.36
Hill m3-b	116.34	5	-222.68
Hill m3-ab	116.48	6	-220.96
Hill m5-	99.13	5	-188.26
Hill m5-a	104.66	6	-197.32
Hill m5-b	116.31	6	-220.62
Hill m5-ab	116.45	7	-218.9
Inv.Expon. m3-	98.58	4	-189.16
Inv.Expon. m3-a	104.02	5	-198.04
Inv.Expon. m3-b	115.28	5	-220.56
Inv.Expon. m3-ab	115.52	6	-219.04
Inv.Expon. m5-	98.42	5	-186.84
Inv.Expon. m5-a	103.84	6	-195.68
Inv.Expon. m5-b	114.97	6	-217.94
Inv.Expon. m5-ab	115.24	7	-216.48
LN m3-	98.85	4	-189.7
LN m3-a	104.34	5	-198.68
LN m3-b	115.79	5	-221.58
LN m3-ab	115.99	6	-219.98
LN m5-	98.76	5	-187.52
LN m5-a	104.24	6	-196.48
LN m5-b	115.63	6	-219.26
LN m5-ab	115.84	7	-217.68

Visualization



Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.3443	0.3409	0.1181	0.1967

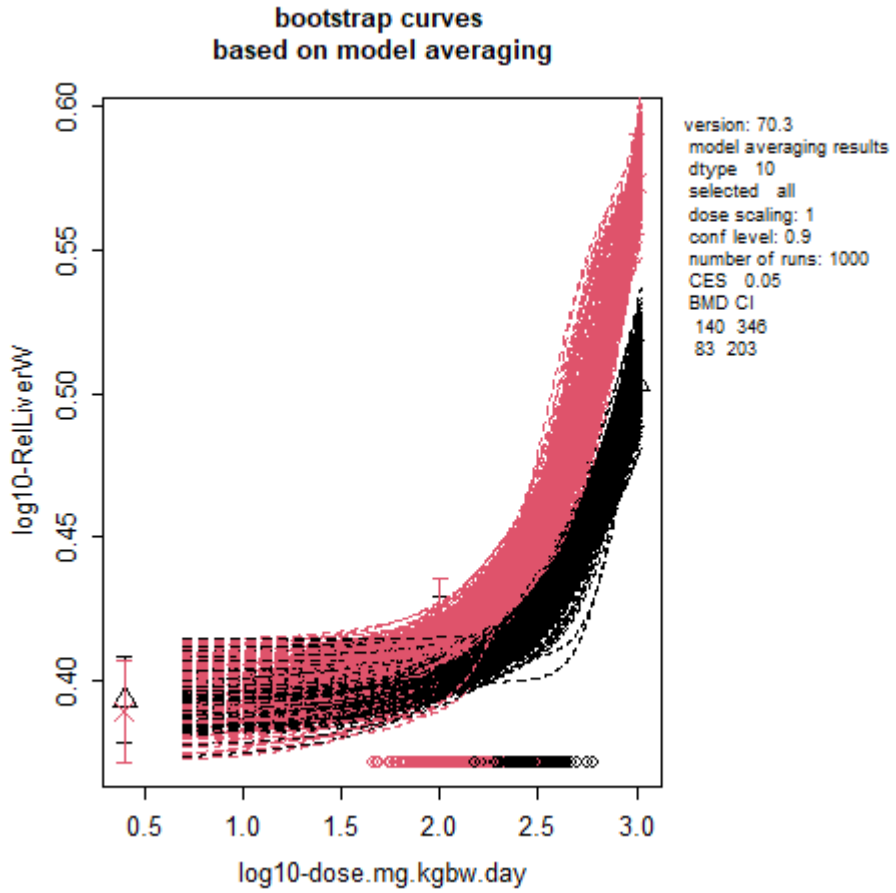


Table 96: The model-average BMD confidence interval based on 5% BMR

Sex	BMD lower limit	BMD upper limit
f	144	346
m	83	203

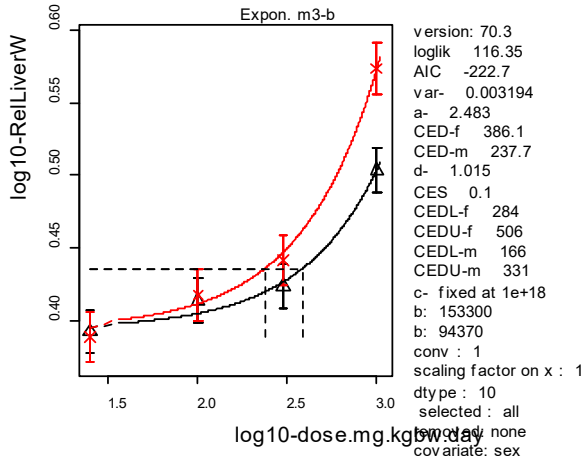
b. BMR = 10%

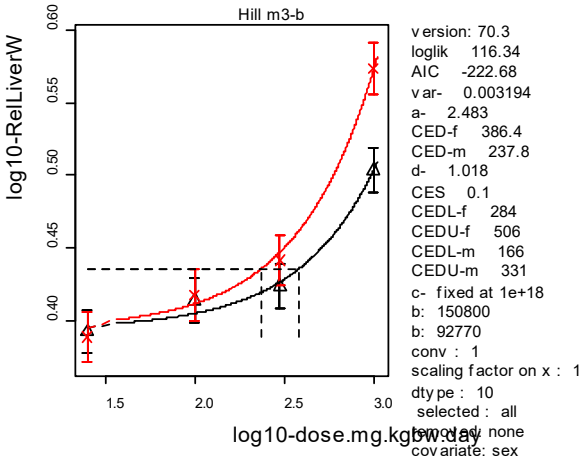
Fitted models

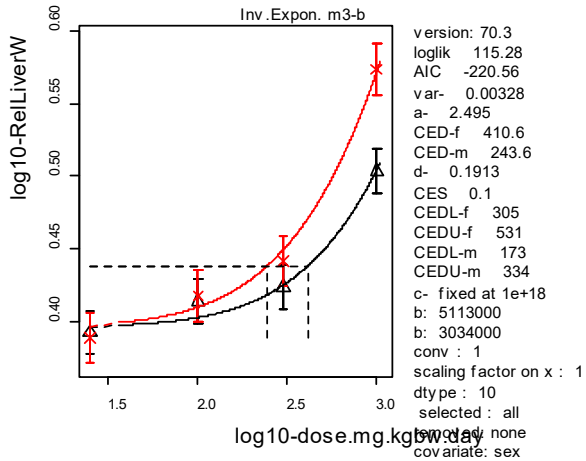
model	loglik	No.par	AIC
full model	117.93	9	-217.86
full-v	118.42	10	-216.84
null model	40.12	2	-76.24
null model-a	41.32	3	-76.64
Expon. m3-	99.15	4	-190.3

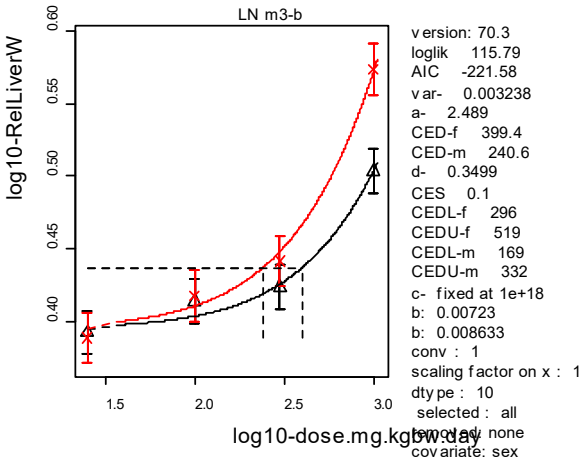
model	loglik	No.par	AIC
Expon. m3-a	104.68	5	-199.36
Expon. m3-b	116.35	5	-222.7
Expon. m3-ab	116.48	6	-220.96
Expon. m5-	99.14	5	-188.28
Expon. m5-a	104.67	6	-197.34
Expon. m5-b	116.33	6	-220.66
Expon. m5-ab	116.47	7	-218.94
Hill m3-	99.14	4	-190.28
Hill m3-a	104.68	5	-199.36
Hill m3-b	116.34	5	-222.68
Hill m3-ab	116.48	6	-220.96
Hill m5-	99.13	5	-188.26
Hill m5-a	104.66	6	-197.32
Hill m5-b	116.31	6	-220.62
Hill m5-ab	116.45	7	-218.9
Inv.Expon. m3-	98.58	4	-189.16
Inv.Expon. m3-a	104.02	5	-198.04
Inv.Expon. m3-b	115.28	5	-220.56
Inv.Expon. m3-ab	115.52	6	-219.04
Inv.Expon. m5-	98.42	5	-186.84
Inv.Expon. m5-a	103.84	6	-195.68
Inv.Expon. m5-b	114.97	6	-217.94
Inv.Expon. m5-ab	115.24	7	-216.48
LN m3-	98.85	4	-189.7
LN m3-a	104.34	5	-198.68
LN m3-b	115.79	5	-221.58
LN m3-ab	115.99	6	-219.98
LN m5-	98.76	5	-187.52
LN m5-a	104.24	6	-196.48
LN m5-b	115.63	6	-219.26
LN m5-ab	115.84	7	-217.68

Visualization









Weights for model averaging

model	EXP	HILL	INVEXP	LOGN
weight	0.3443	0.3409	0.1181	0.1967

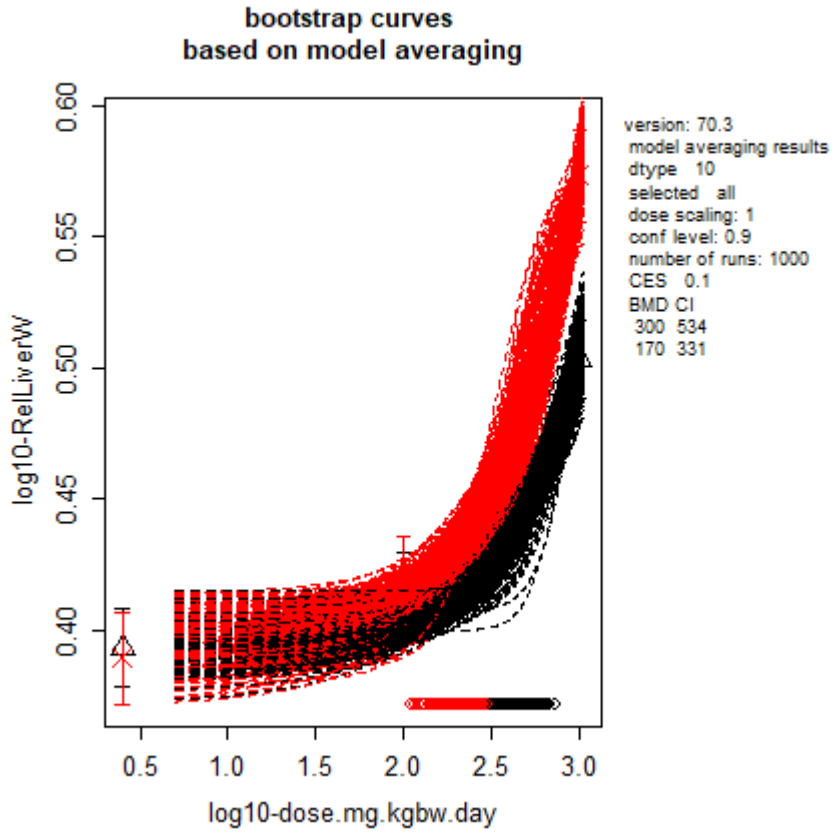


Table 97: The model-average BMD confidence interval based on 10% BMR

Sex	BMD lower limit	BMD upper limit
f	296	534
m	173	331

BASF (2011, 2013)

1. Nasal cavity (level I), degeneration/ regeneration

Table 98: Dataset used for the BMD analysis of nasal cavity (level I), degeneration/ regeneration of rat via inhalation

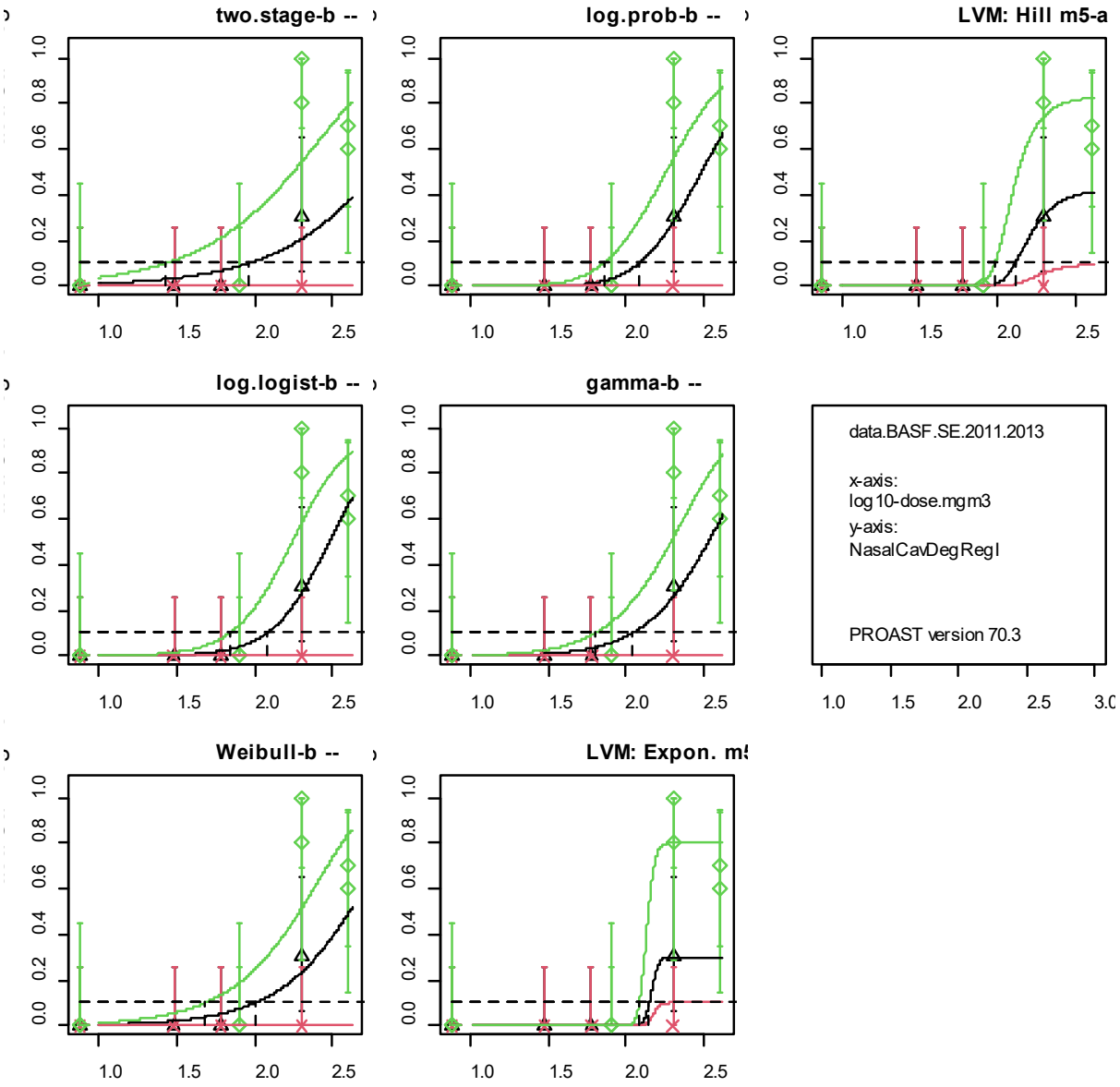
Study	Exposure duration (day)	Dose (mg/m^3)	Sex	Nasal cavity (level I), degeneration/regeneration	Group size
BASF (2011)	28	0	m	0	10
	28	80	m	0	10
	28	200	m	10	10

Study	Exposure duration (day)	Dose (mg/m^3)	Sex	Nasal cavity (level I), degeneration/regeneration	Group size
	28	400	m	7	10
	28	0	f	0	5
	28	80	f	0	5
	28	200	f	4	5
	28	400	f	3	5
BASF (2013)	90	0	m	0	10
	90	30	m	0	10
	90	60	m	0	10
	90	200	m	0	10
	90	0	f	0	10
	90	30	f	0	10
	90	60	f	0	10
	90	200	f	3	10

Fitted models

model	No.par	loglik	AIC
null	4	-50.88	109.76
full	16	-20.14	72.28
two.stage-b	6	-31.32	74.64
log.logist-b	6	-28.54	69.08
Weibull-b	6	-30.77	73.54
log.prob-b	6	-28.52	69.04
gamma-b	6	-30.12	72.24
LVM: Expon. m5-b	7	-21.12	56.24
LVM: Hill m5-b	7	-22.21	58.42

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0001	0.0012	0.0001	0.0012	0.0003	0.7462	0.2509

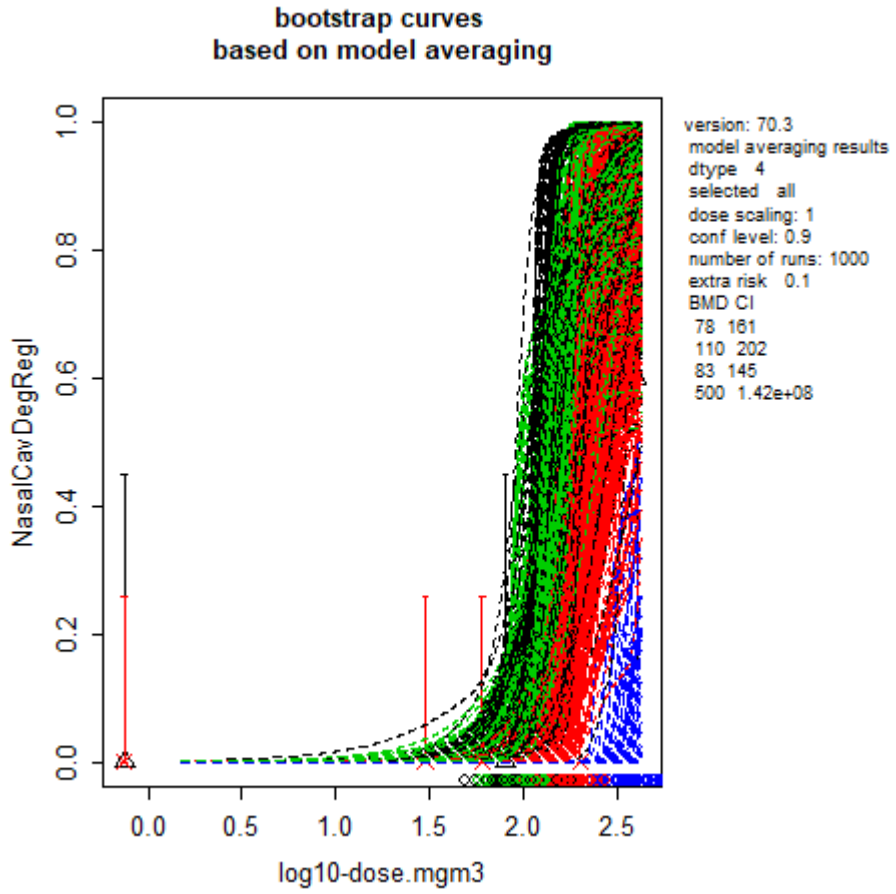


Table 99: The model-average BMD confidence interval based on 10% BMR

Sex.duration	BMD lower limit	BMD upper limit
f.28	77.7	161
f.90	113	202
m.28	82.6	145
m.90	496	1.42×10^{8}

Second analysis

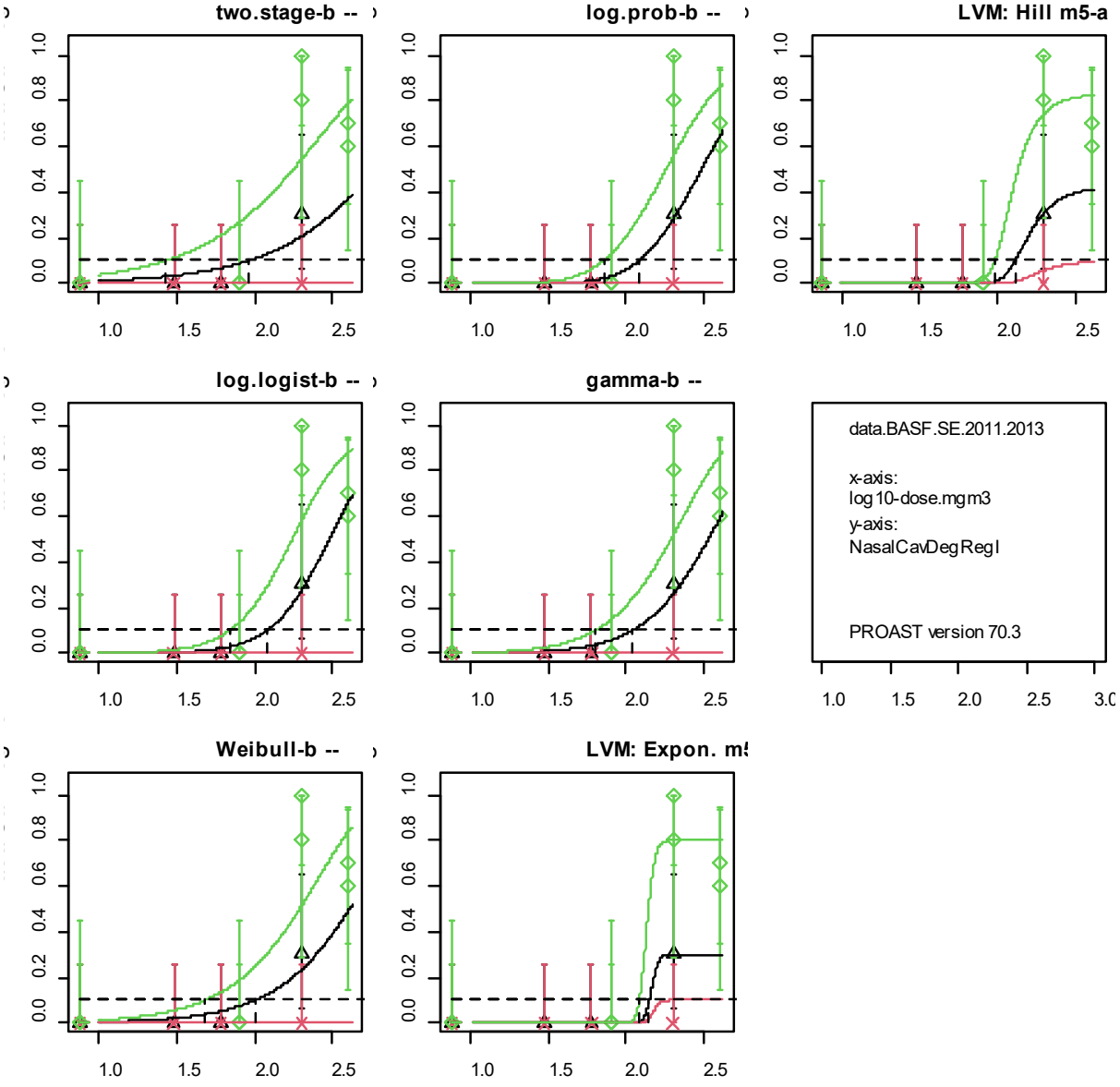
A second analysis was performed as an attempt to improve the precision of the estimated BMDs, by analysing the data of male and female from 28 days study together. However based on the AICs, the fit is not improved. Therefore the results from the initial analysis are used. Information of AICs and the fitted curves of this second analysis are shown below.

Fitted models

model	No.par	loglik	AIC
null	3	-51.04	108.08

model	No.par	loglik	AIC
full	12	-48.28	120.56
two.stage-b	5	-31.6	73.2
log.logist-b	5	-28.86	67.72
Weibull-b	5	-31.06	72.12
log.prob-b	5	-28.81	67.62
gamma-b	5	-30.43	70.86
LVM: Expon. m5-a	6	-22.17	56.34
LVM: Hill m5-a	6	-23.03	58.06

Visualization



2. Nasal cavity (level II), degeneration/ regeneration

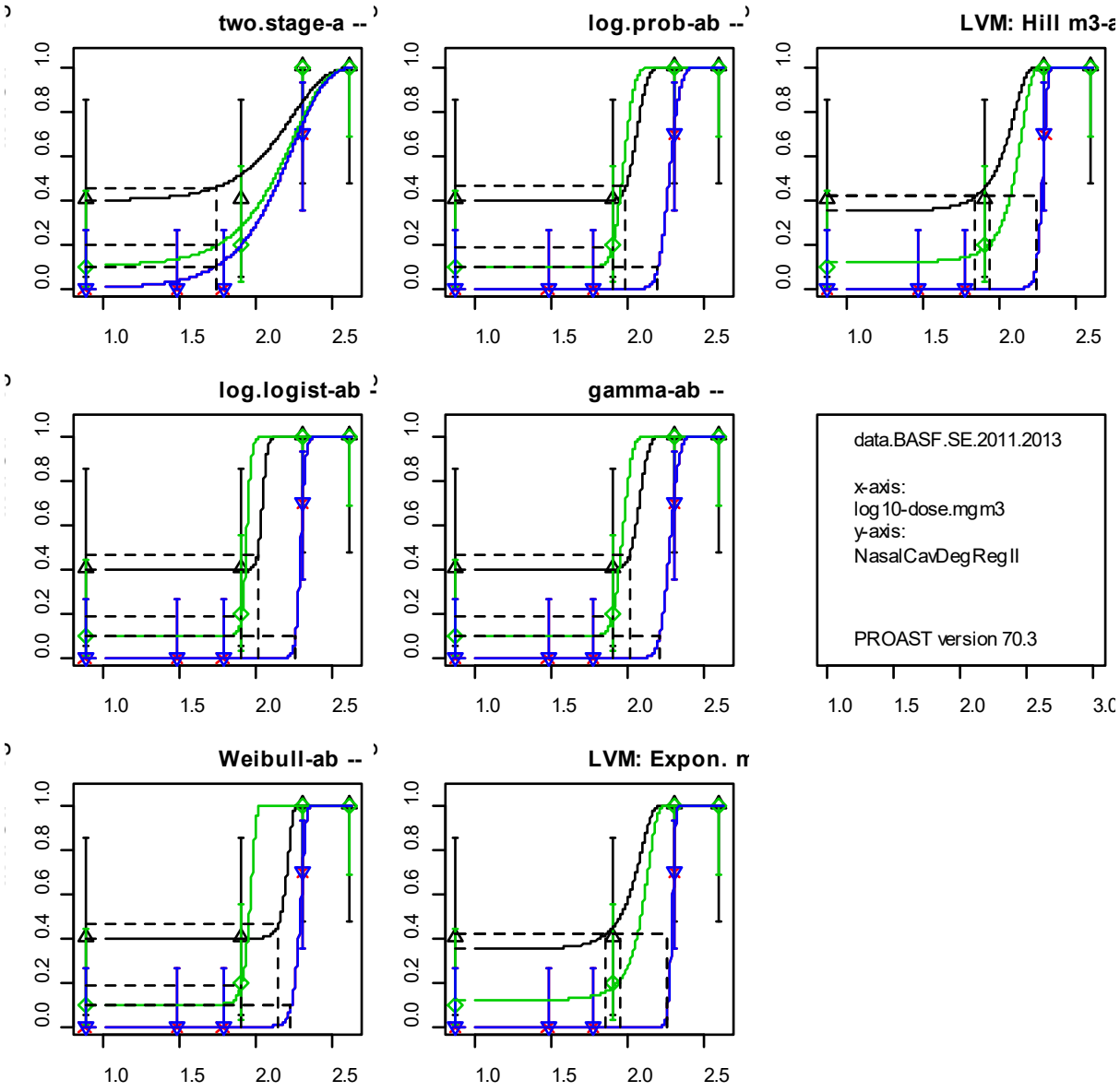
Table 100: Dataset used for the BMD analysis of nasal cavity (level II), degeneration/ regeneration of rat via inhalation

Study	Exposure duration (day)	Dose (mg/m3)	Sex	Nasal cavity (level II), degeneration/ regeneration	Group size
BASF (2011)	28	0	m	1	10
	28	80	m	2	10
	28	200	m	10	10
	28	400	m	10	10
	28	0	f	2	5
	28	80	f	2	5
	28	200	f	5	5
	28	400	f	5	5
BASF (2013)	90	0	m	0	10
	90	30	m	0	10
	90	60	m	0	10
	90	200	m	7	10
	90	0	f	0	10
	90	30	f	0	10
	90	60	f	0	10
	90	200	f	7	10

Fitted models

model	No.par	loglik	AIC
null	4	-76.59	161.18
full	16	-27.93	87.86
two.stage-a	6	-34.41	80.82
log.logist-ab	9	-27.2	72.4
Weibull-ab	9	-27.2	72.4
log.prob-ab	9	-27.2	72.4
gamma-ab	9	-27.2	72.4
LVM: Expon. m3-a	6	-27.29	66.58
LVM: Hill m3-a	6	-27.29	66.58

Visualization



Second analysis

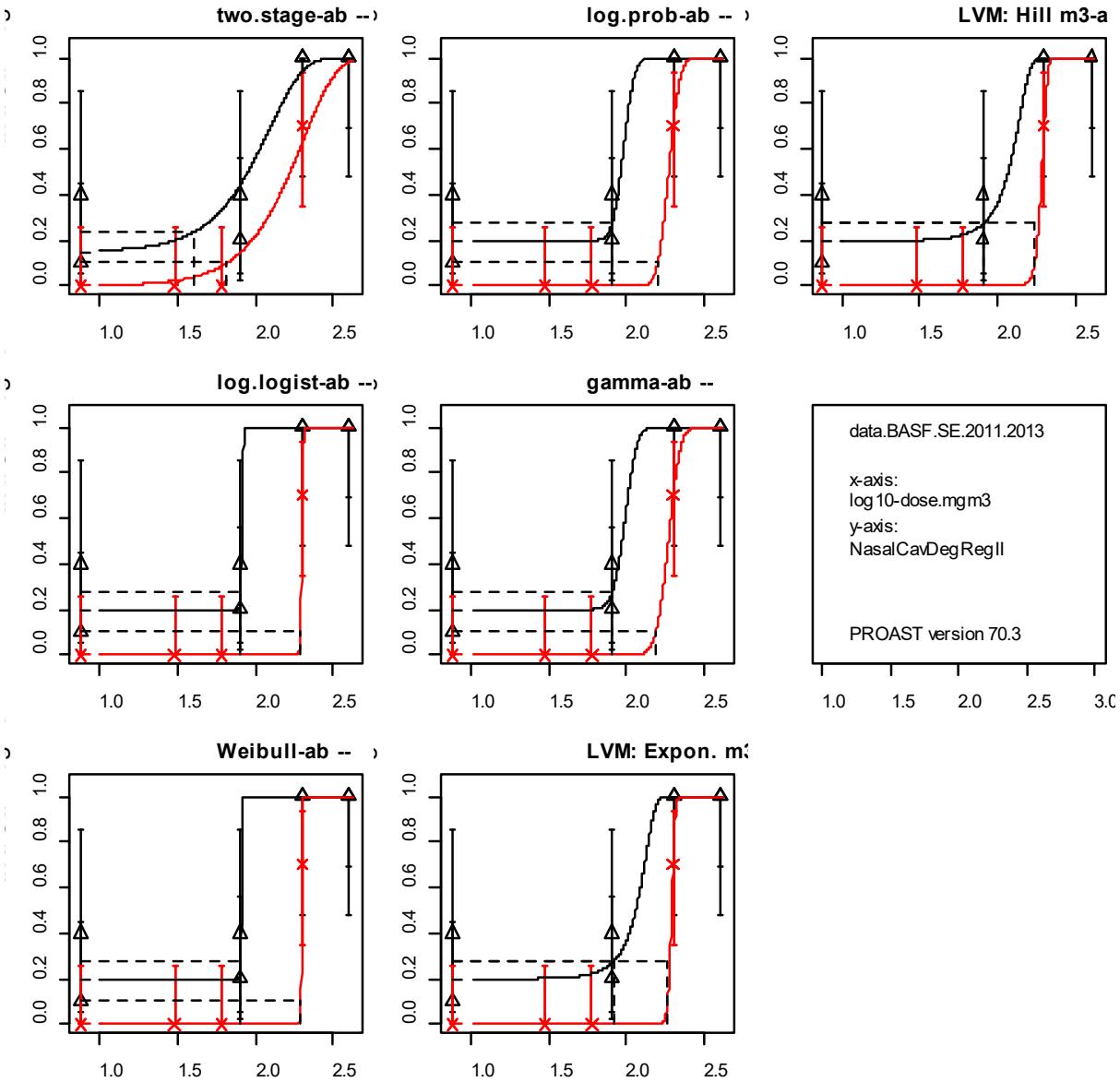
As an attempt to improve the precision of the estimated BMDs, a second analysis was carried out with male and female being analysed together, i.e. only using exposure duration as a covariate. The results are shown below. Based on the information of AICs, the fit is improved, therefore the results in this second analysis are used.

Fitted models

model	No.par	loglik	AIC
null	2	-77.04	158.08
full	8	-83.36	182.72

model	No.par	loglik	AIC
two.stage-ab	5	-32.94	75.88
log.logist-ab	5	-28.42	66.84
Weibull-ab	5	-28.42	66.84
log.prob-ab	5	-28.42	66.84
gamma-ab	5	-28.42	66.84
LVM: Expon. m3-a	4	-28.42	64.84
LVM: Hill m3-a	4	-28.42	64.84

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL

weight	0.0012	0.1058	0.1058	0.1058	0.1058	0.2877	0.2877

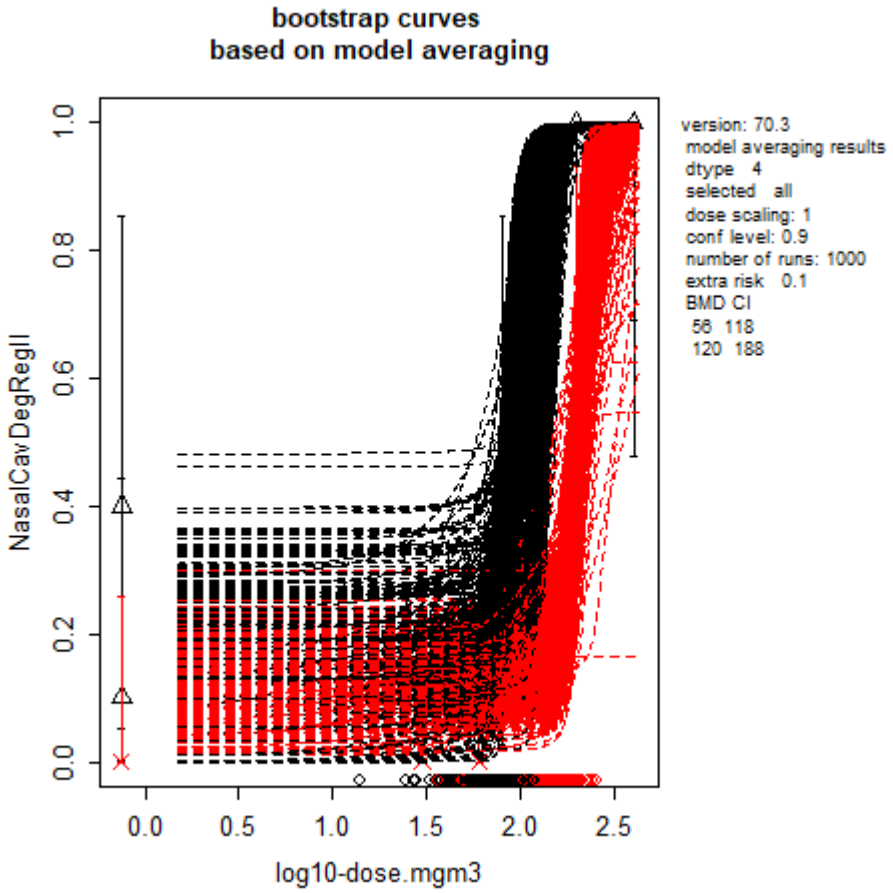


Table 101: The model-average BMD confidence interval based on 10% BMR

Duration	BMD lower limit	BMD upper limit
28	56.5	118
90	121	188

3. Nasal cavity (level III), degeneration/ regeneration

Table 102: Dataset used for the BMD analysis of nasal cavity (level III), degeneration/ regeneration of rat via inhalation

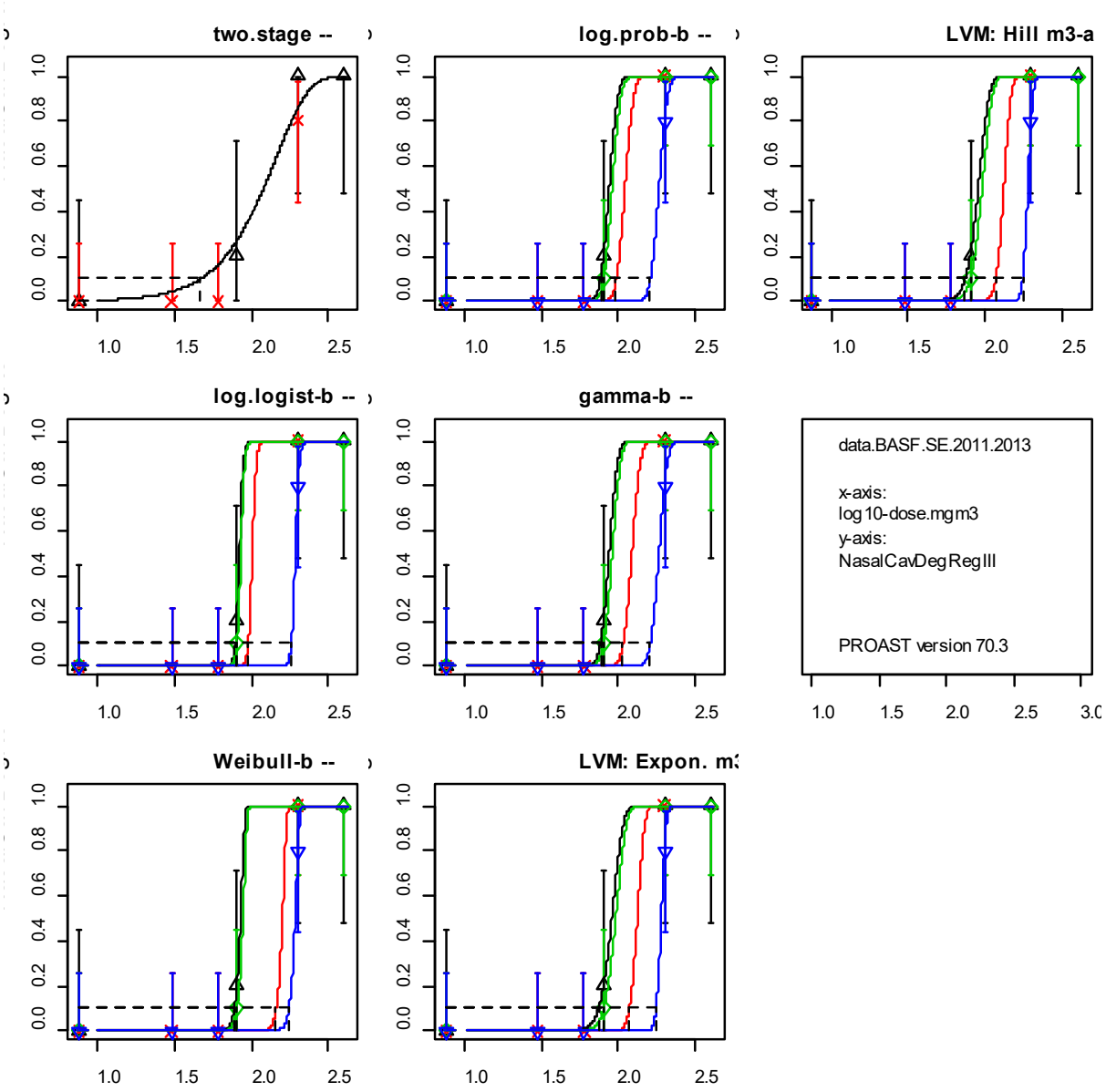
Study	Exposure duration (day)	Dose (mg/m3)	Sex	Nasal cavity (level III), degeneration/ regeneration	Group size
BASF (2011)	28	0	m	0	10
	28	80	m	1	10
	28	200	m	10	10

Study	Exposure duration (day)	Dose (mg/m3)	Sex	Nasal cavity (level III), degeneration/ regeneration	Group size
	28	400	m	10	10
	28	0	f	0	5
	28	80	f	1	5
	28	200	f	5	5
	28	400	f	5	5
BASF (2013)	90	0	m	0	10
	90	30	m	0	10
	90	60	m	0	10
	90	200	m	8	10
	90	0	f	0	10
	90	30	f	0	10
	90	60	f	0	10
	90	200	f	10	10

Fitted models

model	No.par	loglik	AIC
null	4	-83.95	175.9
full	16	-19.56	71.12
two.stage	3	-20.05	46.1
log.logist-b	6	-10.76	33.52
Weibull-b	6	-10.76	33.52
log.prob-b	6	-10.76	33.52
gamma-b	6	-10.76	33.52
LVM: Expon. m3-a	6	-10.76	33.52
LVM: Hill m3-a	6	-10.76	33.52

Visualization



Second analysis

A second analysis was carried out to try to improve the precision of the estimated BMDs. This is done by analysing 28 days male and female together. A new column is created named 'Sex.exp' (seeTable 103) and used as a covariate in the BMD analysis. According to the information of AICs, the fit is improved. Therefore the results in this second analysis are used.

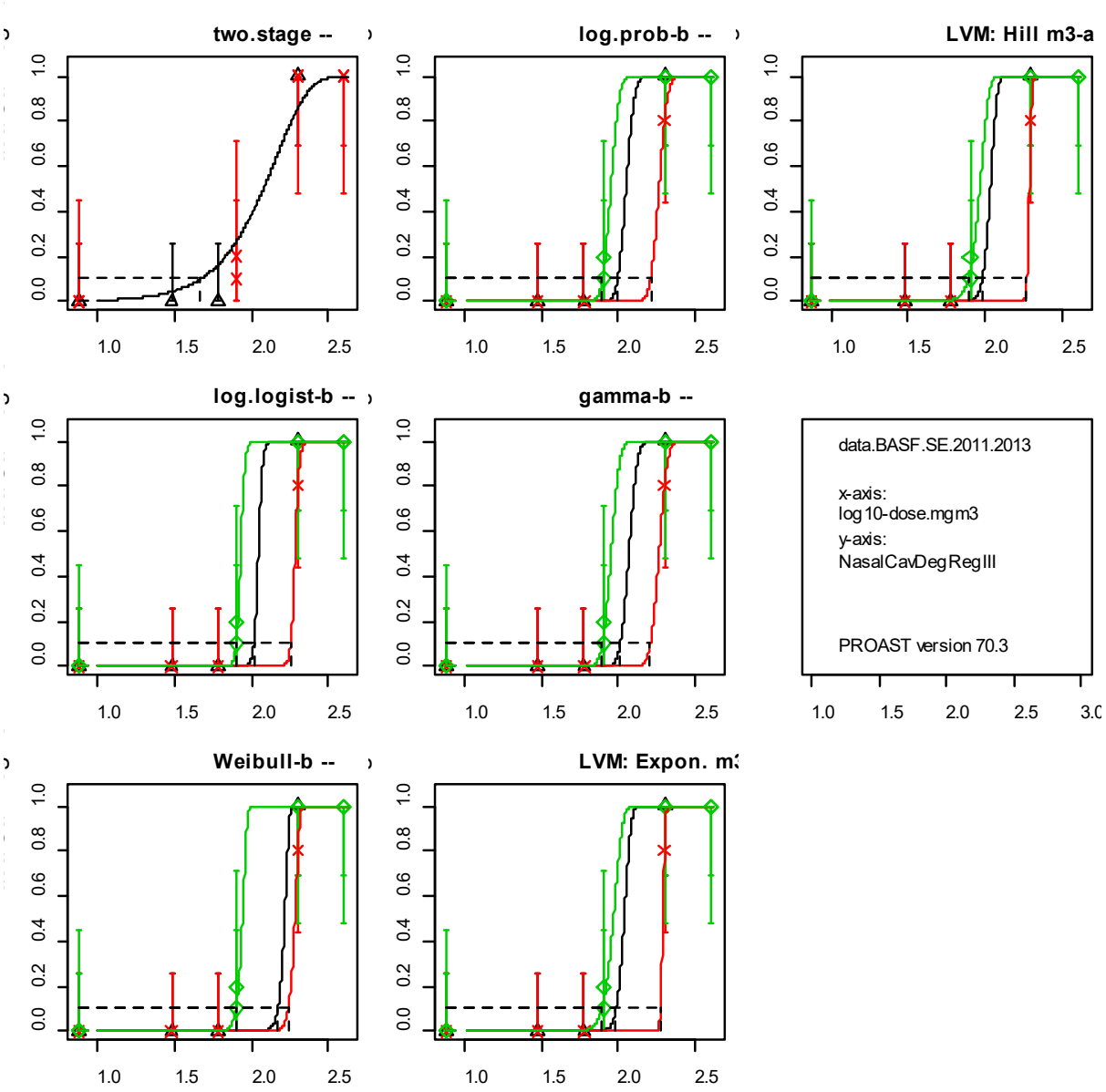
vTable 103: Dataset used for a second BMD analysis of nasal cavity (level III), degeneration/ regeneration of rat via inhalation. Both male and female of 28 days study are marked by mf.28 in the column 'Sex.exp' so that they can be analysed together with the covariate approach

Study	Exposure duration (day)	Dose (mg/m^3)	Sex	Sex.exp	Nasal cavity (level III), degeneration/ regeneration	Group size
BASF (2013)	90	0	m	m.90	0	10
	90	30	m	m.90	0	10
	90	60	m	m.90	0	10
	90	200	m	m.90	8	10
	90	0	f	f.90	0	10
	90	30	f	f.90	0	10
	90	60	f	f.90	0	10
	90	200	f	f.90	10	10
BASF (2011)	28	0	m	mf.28	0	10
	28	80	m	mf.28	1	10
	28	200	m	mf.28	10	10
	28	400	m	mf.28	10	10
	28	0	f	mf.28	0	5
	28	80	f	mf.28	1	5
	28	200	f	mf.28	5	5
	28	400	f	mf.28	5	5

Fitted models

model	No.par	loglik	AIC
null	3	-83.96	173.92
full	12	-55.9	135.8
two.stage	3	-20.05	46.1
log.logist-b	5	-10.89	31.78
Weibull-b	5	-10.89	31.78
log.prob-b	5	-10.89	31.78
gamma-b	5	-10.89	31.78
LVM: Expon. m3-a	5	-10.89	31.78
LVM: Hill m3-a	5	-10.89	31.78

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0.0001	0.1666	0.1666	0.1666	0.1666	0.1666	0.1666

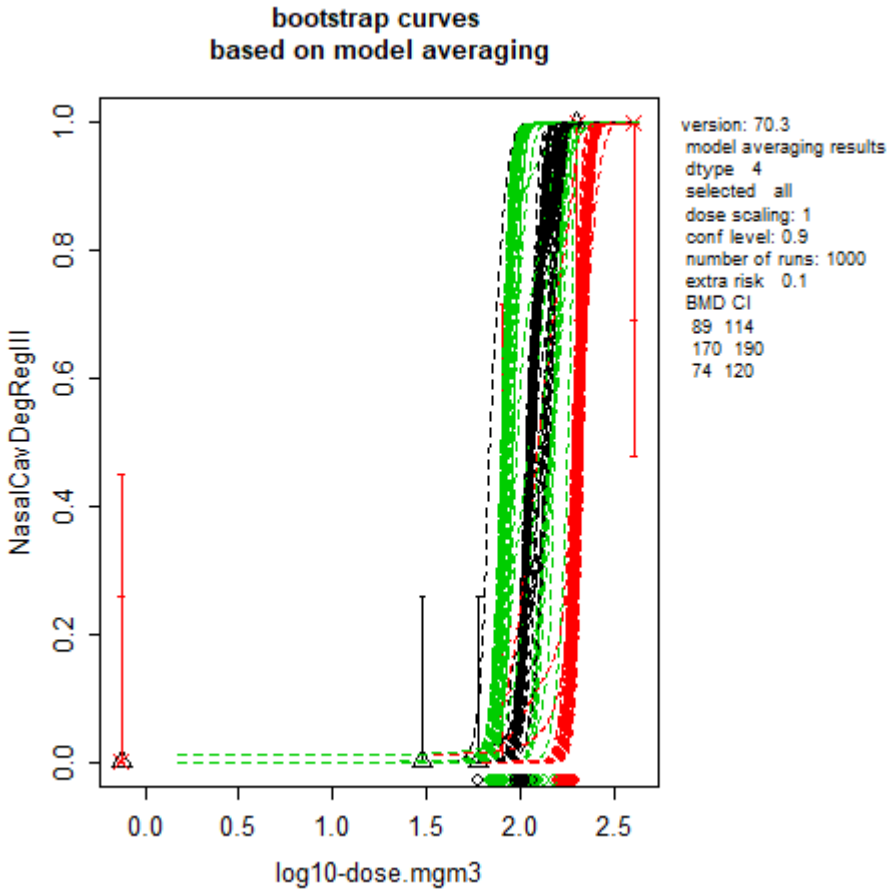


Table 104: The model-average BMD confidence interval based on 10% BMR

Sex.duration	BMD lower limit	BMD upper limit
f.90	89	114
m.90	170	190
mf.28	74	120

4. Nasal cavity (level IV), degeneration/ regeneration

Table 105: Dataset used for the BMD analysis of nasal cavity (level IV), degeneration/ regeneration of rat via inhalation

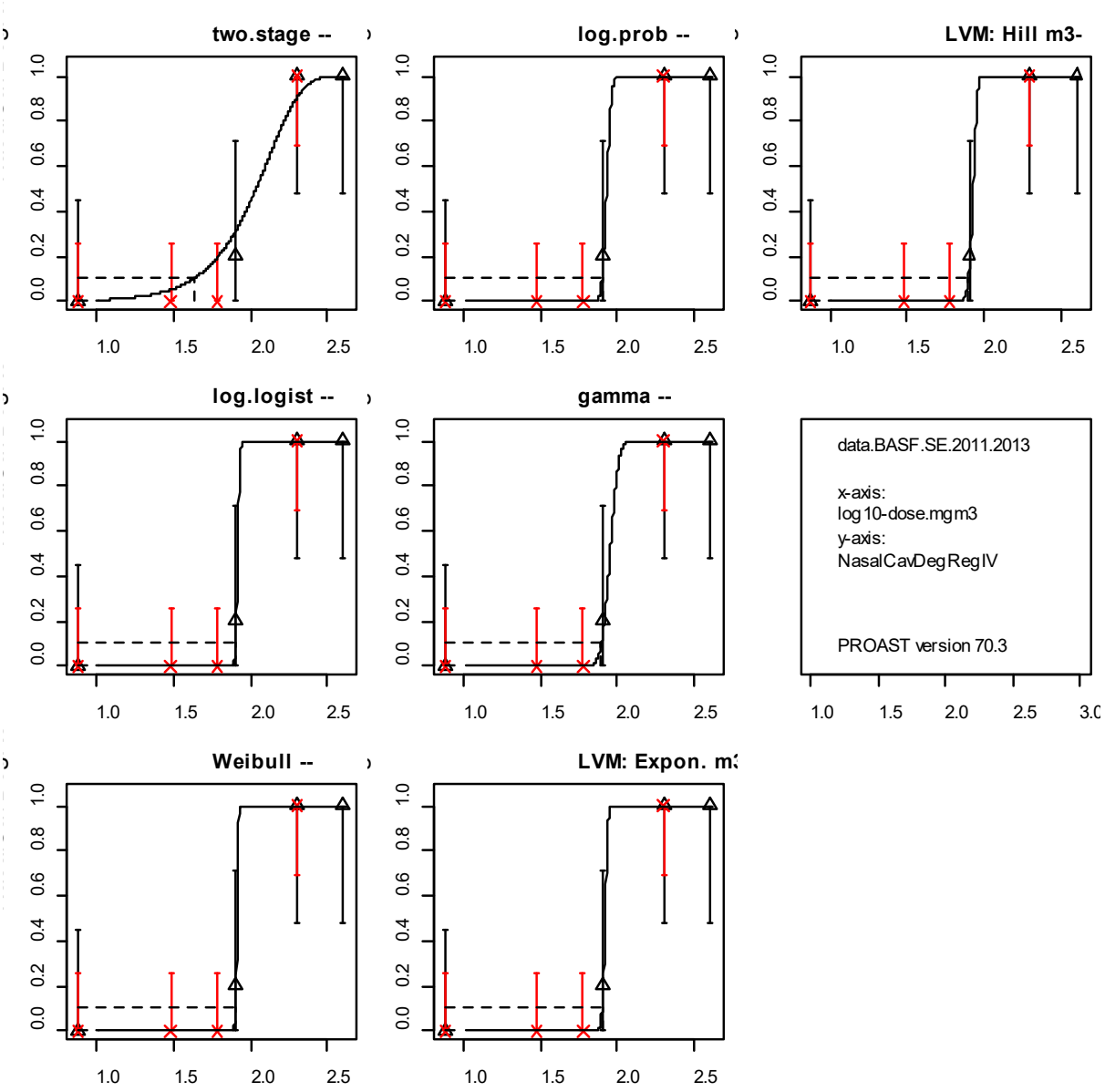
Study	Exposure duration (day)	Dose (mg/m3)	Sex	Nasal cavity (level IV), degeneration/ regeneration	Group size
BASF (2011)	28	0	m	0	10
	28	80	m	1	10
	28	200	m	10	10
	28	400	m	10	10
	28	0	f	0	5

Study	Exposure duration (day)	Dose (mg/m3)	Sex	Nasal cavity (level IV), degeneration/ regeneration	Group size
	28	80	f	1	5
	28	200	f	5	5
	28	400	f	5	5
BASF (2013)	90	0	m	0	10
	90	30	m	0	10
	90	60	m	0	10
	90	200	m	10	10
	90	0	f	0	10
	90	30	f	0	10
	90	60	f	0	10
	90	200	f	10	10

Fitted models

model	No.par	loglik	AIC
null	4	-86.43	180.86
full	16	-14.52	61.04
two.stage	3	-16	38
log.logist	3	-5.89	17.78
Weibull	3	-5.89	17.78
log.prob	3	-5.89	17.78
gamma	3	-5.89	17.78
LVM: Expon. m3-	3	-5.89	17.78
LVM: Hill m3-	3	-5.89	17.78

Visualization



Weights for model averaging

model	two.stage	log.logist	Weibull	log.prob	gamma	EXP	HILL
weight	0	0.1667	0.1667	0.1667	0.1667	0.1667	0.1667

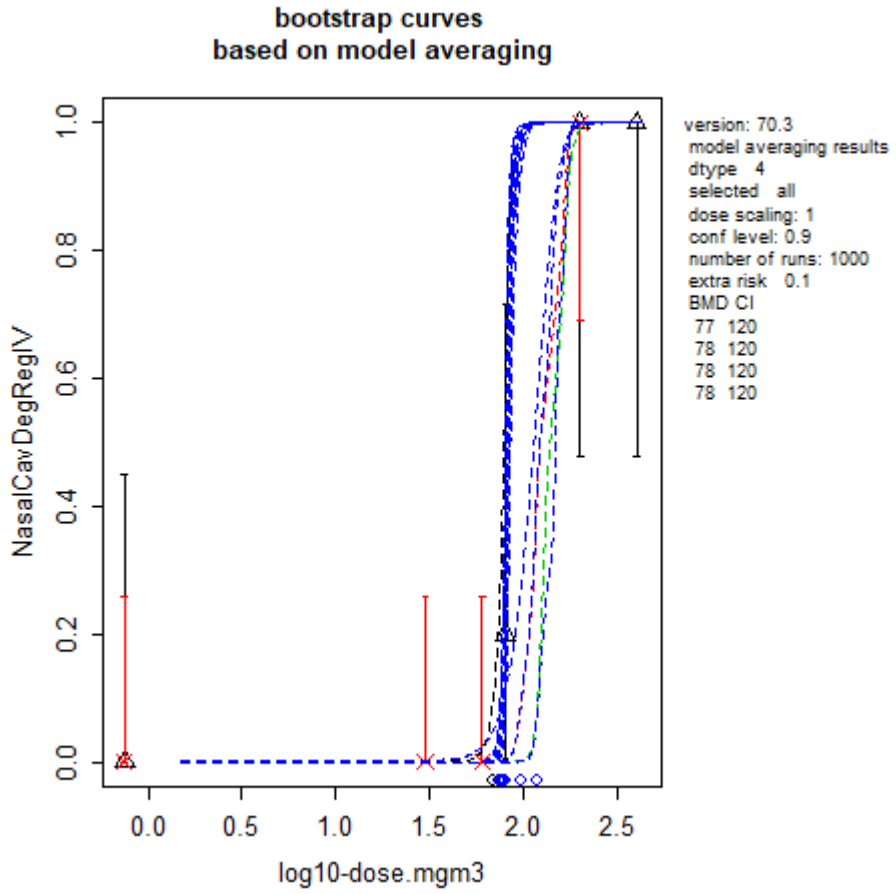


Table 106: The model-average BMD confidence interval based on 10% BMR

Sex.duration	BMD lower limit	BMD upper limit
f.28	76.9	120
f.90	77.6	120
m.28	77.6	120
m.90	77.6	120

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Annex

Table 107: Individual data of foetal body weight from the study of DuPont (1997). Exposure duration is gestation day 7 through 21 (day7.21)

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	4.82	586673
rat	day.7.21	water	0	4.87	586673
rat	day.7.21	water	0	4.88	586673
rat	day.7.21	water	0	4.42	586673
rat	day.7.21	water	0	4.64	586673
rat	day.7.21	water	0	4.78	586673
rat	day.7.21	water	0	4.59	586673
rat	day.7.21	water	0	4.33	586673
rat	day.7.21	water	0	4.3	586673
rat	day.7.21	water	0	4.13	586673
rat	day.7.21	water	0	2.55	586673
rat	day.7.21	water	0	4.72	586673
rat	day.7.21	water	0	3.89	586673
rat	day.7.21	water	0	4.49	586673
rat	day.7.21	water	0	4.68	586685
rat	day.7.21	water	0	4.84	586685
rat	day.7.21	water	0	4.86	586685
rat	day.7.21	water	0	4.82	586685
rat	day.7.21	water	0	4.98	586685
rat	day.7.21	water	0	4.39	586685
rat	day.7.21	water	0	4.72	586685
rat	day.7.21	water	0	4.05	586685
rat	day.7.21	water	0	4.69	586685
rat	day.7.21	water	0	4.35	586685
rat	day.7.21	water	0	4.61	586685
rat	day.7.21	water	0	4.18	586685
rat	day.7.21	water	0	4.65	586685
rat	day.7.21	water	0	4.54	586685
rat	day.7.21	water	0	4.98	586685
rat	day.7.21	water	0	4.84	586685
rat	day.7.21	water	0	4.45	586685
rat	day.7.21	water	0	4.61	586689
rat	day.7.21	water	0	4.62	586689
rat	day.7.21	water	0	5.23	586689
rat	day.7.21	water	0	4.99	586689
rat	day.7.21	water	0	5.09	586689
rat	day.7.21	water	0	5.19	586689
rat	day.7.21	water	0	5.14	586689
rat	day.7.21	water	0	5.01	586689
rat	day.7.21	water	0	5.32	586689

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	5.1	586689
rat	day.7.21	water	0	2.66	586689
rat	day.7.21	water	0	5.22	586689
rat	day.7.21	water	0	5.35	586689
rat	day.7.21	water	0	5.08	586689
rat	day.7.21	water	0	5.15	586689
rat	day.7.21	water	0	4.95	586691
rat	day.7.21	water	0	4.61	586691
rat	day.7.21	water	0	4.82	586691
rat	day.7.21	water	0	4.87	586691
rat	day.7.21	water	0	4.74	586691
rat	day.7.21	water	0	4.92	586691
rat	day.7.21	water	0	4.52	586691
rat	day.7.21	water	0	4.63	586691
rat	day.7.21	water	0	4.68	586691
rat	day.7.21	water	0	4.75	586691
rat	day.7.21	water	0	4.78	586691
rat	day.7.21	water	0	4.91	586691
rat	day.7.21	water	0	4.76	586691
rat	day.7.21	water	0	4.96	586691
rat	day.7.21	water	0	3.86	586696
rat	day.7.21	water	0	4.38	586696
rat	day.7.21	water	0	4.41	586696
rat	day.7.21	water	0	4.89	586696
rat	day.7.21	water	0	5.19	586696
rat	day.7.21	water	0	4.74	586696
rat	day.7.21	water	0	3.96	586696
rat	day.7.21	water	0	4.57	586696
rat	day.7.21	water	0	4.82	586696
rat	day.7.21	water	0	4.74	586696
rat	day.7.21	water	0	4.66	586696
rat	day.7.21	water	0	5.01	586696
rat	day.7.21	water	0	4.84	586696
rat	day.7.21	water	0	5.54	586711
rat	day.7.21	water	0	5.49	586711
rat	day.7.21	water	0	5.51	586711
rat	day.7.21	water	0	5.48	586711
rat	day.7.21	water	0	5.36	586711
rat	day.7.21	water	0	4.9	586711
rat	day.7.21	water	0	5.38	586711
rat	day.7.21	water	0	5.51	586711
rat	day.7.21	water	0	5.52	586711
rat	day.7.21	water	0	5.1	586711
rat	day.7.21	water	0	5.23	586711
rat	day.7.21	water	0	5.24	586711

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	3.49	586711
rat	day.7.21	water	0	5.16	586711
rat	day.7.21	water	0	4.82	586711
rat	day.7.21	water	0	5.12	586711
rat	day.7.21	water	0	3.58	586711
rat	day.7.21	water	0	5.05	586715
rat	day.7.21	water	0	4.82	586715
rat	day.7.21	water	0	3.79	586715
rat	day.7.21	water	0	5.41	586715
rat	day.7.21	water	0	4.88	586715
rat	day.7.21	water	0	5.22	586715
rat	day.7.21	water	0	4.85	586715
rat	day.7.21	water	0	5.3	586715
rat	day.7.21	water	0	5.46	586715
rat	day.7.21	water	0	3.92	586715
rat	day.7.21	water	0	4.73	586715
rat	day.7.21	water	0	5.1	586715
rat	day.7.21	water	0	5.28	586715
rat	day.7.21	water	0	4.61	586724
rat	day.7.21	water	0	4.92	586724
rat	day.7.21	water	0	4.65	586724
rat	day.7.21	water	0	4.72	586724
rat	day.7.21	water	0	4.92	586724
rat	day.7.21	water	0	4.92	586724
rat	day.7.21	water	0	4.7	586724
rat	day.7.21	water	0	4.47	586724
rat	day.7.21	water	0	4.05	586724
rat	day.7.21	water	0	4.95	586724
rat	day.7.21	water	0	4.75	586724
rat	day.7.21	water	0	4.89	586724
rat	day.7.21	water	0	4.81	586724
rat	day.7.21	water	0	4.69	586724
rat	day.7.21	water	0	3.94	586725
rat	day.7.21	water	0	3.83	586725
rat	day.7.21	water	0	4.49	586725
rat	day.7.21	water	0	4.09	586725
rat	day.7.21	water	0	3.85	586725
rat	day.7.21	water	0	4.55	586725
rat	day.7.21	water	0	4.14	586725
rat	day.7.21	water	0	3.73	586725
rat	day.7.21	water	0	4.13	586725
rat	day.7.21	water	0	4.17	586725
rat	day.7.21	water	0	4.58	586725
rat	day.7.21	water	0	4.4	586725
rat	day.7.21	water	0	4.56	586733

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	5.36	586733
rat	day.7.21	water	0	4.86	586733
rat	day.7.21	water	0	4.81	586733
rat	day.7.21	water	0	4.93	586733
rat	day.7.21	water	0	4.51	586733
rat	day.7.21	water	0	5.26	586733
rat	day.7.21	water	0	4.19	586733
rat	day.7.21	water	0	5.1	586733
rat	day.7.21	water	0	5.05	586733
rat	day.7.21	water	0	5.15	586733
rat	day.7.21	water	0	4.91	586733
rat	day.7.21	water	0	5.16	586733
rat	day.7.21	water	0	4.88	586733
rat	day.7.21	water	0	5.12	586733
rat	day.7.21	water	0	4.62	586737
rat	day.7.21	water	0	4.72	586737
rat	day.7.21	water	0	4.95	586737
rat	day.7.21	water	0	4.53	586737
rat	day.7.21	water	0	4.69	586737
rat	day.7.21	water	0	4.46	586737
rat	day.7.21	water	0	3.87	586737
rat	day.7.21	water	0	4.49	586737
rat	day.7.21	water	0	4.34	586737
rat	day.7.21	water	0	5.09	586737
rat	day.7.21	water	0	4.2	586737
rat	day.7.21	water	0	4.64	586737
rat	day.7.21	water	0	4.69	586737
rat	day.7.21	water	0	4.35	586737
rat	day.7.21	water	0	4.6	586737
rat	day.7.21	water	0	4.44	586737
rat	day.7.21	water	0	4.55	586737
rat	day.7.21	water	0	4.3	586737
rat	day.7.21	water	0	5.66	586739
rat	day.7.21	water	0	5.44	586739
rat	day.7.21	water	0	5.23	586739
rat	day.7.21	water	0	5.43	586739
rat	day.7.21	water	0	5.36	586739
rat	day.7.21	water	0	5.37	586739
rat	day.7.21	water	0	5.18	586739
rat	day.7.21	water	0	5.14	586739
rat	day.7.21	water	0	5.61	586739
rat	day.7.21	water	0	4.72	586739
rat	day.7.21	water	0	4.93	586739
rat	day.7.21	water	0	4.8	586739
rat	day.7.21	water	0	5.22	586739

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	5.01	586739
rat	day.7.21	water	0	5.34	586739
rat	day.7.21	water	0	4.67	586739
rat	day.7.21	water	0	5.1	586739
rat	day.7.21	water	0	4.97	586745
rat	day.7.21	water	0	5.23	586745
rat	day.7.21	water	0	4.84	586745
rat	day.7.21	water	0	4.82	586745
rat	day.7.21	water	0	4.58	586745
rat	day.7.21	water	0	4.78	586745
rat	day.7.21	water	0	4.72	586745
rat	day.7.21	water	0	4.71	586745
rat	day.7.21	water	0	5.17	586745
rat	day.7.21	water	0	4.33	586745
rat	day.7.21	water	0	4.6	586745
rat	day.7.21	water	0	4.88	586745
rat	day.7.21	water	0	5.2	586745
rat	day.7.21	water	0	4.39	586745
rat	day.7.21	water	0	5.14	586745
rat	day.7.21	water	0	5.06	586747
rat	day.7.21	water	0	4.49	586747
rat	day.7.21	water	0	4.84	586747
rat	day.7.21	water	0	5.07	586747
rat	day.7.21	water	0	4.76	586747
rat	day.7.21	water	0	5.38	586747
rat	day.7.21	water	0	5.04	586747
rat	day.7.21	water	0	5.39	586747
rat	day.7.21	water	0	5.22	586747
rat	day.7.21	water	0	5.17	586747
rat	day.7.21	water	0	4.98	586747
rat	day.7.21	water	0	4.72	586747
rat	day.7.21	water	0	5.15	586747
rat	day.7.21	water	0	5.09	586747
rat	day.7.21	water	0	5.17	586747
rat	day.7.21	water	0	4.81	586749
rat	day.7.21	water	0	5.01	586749
rat	day.7.21	water	0	4.42	586749
rat	day.7.21	water	0	5.04	586749
rat	day.7.21	water	0	4.61	586749
rat	day.7.21	water	0	4.19	586749
rat	day.7.21	water	0	4.02	586749
rat	day.7.21	water	0	3.89	586749
rat	day.7.21	water	0	5.01	586749
rat	day.7.21	water	0	4.37	586749
rat	day.7.21	water	0	5.03	586755

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	5.71	586755
rat	day.7.21	water	0	5.56	586755
rat	day.7.21	water	0	5.9	586755
rat	day.7.21	water	0	4.92	586755
rat	day.7.21	water	0	5.82	586755
rat	day.7.21	water	0	5.67	586755
rat	day.7.21	water	0	5.69	586755
rat	day.7.21	water	0	4.14	586755
rat	day.7.21	water	0	5.37	586755
rat	day.7.21	water	0	4.85	586755
rat	day.7.21	water	0	6.24	586755
rat	day.7.21	water	0	5.16	586755
rat	day.7.21	water	0	5.04	586790
rat	day.7.21	water	0	5.01	586790
rat	day.7.21	water	0	4.8	586790
rat	day.7.21	water	0	5.44	586790
rat	day.7.21	water	0	5.15	586790
rat	day.7.21	water	0	4.68	586790
rat	day.7.21	water	0	5.41	586790
rat	day.7.21	water	0	4.98	586790
rat	day.7.21	water	0	4.65	586790
rat	day.7.21	water	0	5.07	586790
rat	day.7.21	water	0	5.35	586790
rat	day.7.21	water	0	4.79	586790
rat	day.7.21	water	0	5.16	586790
rat	day.7.21	water	0	5.02	586790
rat	day.7.21	water	0	3.61	586790
rat	day.7.21	water	0	4.72	586793
rat	day.7.21	water	0	4.8	586793
rat	day.7.21	water	0	5.35	586793
rat	day.7.21	water	0	5.33	586793
rat	day.7.21	water	0	5.38	586793
rat	day.7.21	water	0	5.11	586793
rat	day.7.21	water	0	5.27	586793
rat	day.7.21	water	0	5.48	586793
rat	day.7.21	water	0	5.46	586793
rat	day.7.21	water	0	5.2	586793
rat	day.7.21	water	0	5.07	586793
rat	day.7.21	water	0	5.67	586793
rat	day.7.21	water	0	4.13	586797
rat	day.7.21	water	0	3.63	586797
rat	day.7.21	water	0	4.86	586797
rat	day.7.21	water	0	4.62	586797
rat	day.7.21	water	0	4.44	586797
rat	day.7.21	water	0	4.54	586797

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	4.8	586797
rat	day.7.21	water	0	4.49	586797
rat	day.7.21	water	0	4.23	586797
rat	day.7.21	water	0	3.94	586797
rat	day.7.21	water	0	4.4	586797
rat	day.7.21	water	0	5.12	586797
rat	day.7.21	water	0	4.75	586797
rat	day.7.21	water	0	4.65	586797
rat	day.7.21	water	0	4.68	586797
rat	day.7.21	water	0	4.51	586797
rat	day.7.21	water	0	4.62	586797
rat	day.7.21	water	0	4.17	586808
rat	day.7.21	water	0	4.96	586808
rat	day.7.21	water	0	4.97	586808
rat	day.7.21	water	0	5.34	586808
rat	day.7.21	water	0	5.59	586808
rat	day.7.21	water	0	5.39	586808
rat	day.7.21	water	0	5.69	586808
rat	day.7.21	water	0	5.61	586808
rat	day.7.21	water	0	5.41	586808
rat	day.7.21	water	0	5.31	586808
rat	day.7.21	water	0	5.32	586808
rat	day.7.21	water	0	5.64	586808
rat	day.7.21	water	0	5.84	586808
rat	day.7.21	water	0	5.5	586811
rat	day.7.21	water	0	5.26	586811
rat	day.7.21	water	0	4.81	586811
rat	day.7.21	water	0	5.33	586811
rat	day.7.21	water	0	4.79	586811
rat	day.7.21	water	0	5.41	586811
rat	day.7.21	water	0	4.87	586811
rat	day.7.21	water	0	5.18	586811
rat	day.7.21	water	0	5.48	586811
rat	day.7.21	water	0	5.39	586811
rat	day.7.21	water	0	4.84	586811
rat	day.7.21	water	0	4.44	586811
rat	day.7.21	water	0	5.23	586811
rat	day.7.21	water	0	4.83	586815
rat	day.7.21	water	0	5.05	586815
rat	day.7.21	water	0	5.36	586815
rat	day.7.21	water	0	5.64	586815
rat	day.7.21	water	0	5.52	586815
rat	day.7.21	water	0	4.92	586815
rat	day.7.21	water	0	5.03	586815
rat	day.7.21	water	0	5.01	586815

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	0	5.27	586815
rat	day.7.21	water	0	5.26	586815
rat	day.7.21	water	0	5.25	586815
rat	day.7.21	water	0	5.52	586815
rat	day.7.21	water	0	5.28	586815
rat	day.7.21	water	0	5.29	586815
rat	day.7.21	water	0	4.77	586817
rat	day.7.21	water	0	5	586817
rat	day.7.21	water	0	5.23	586817
rat	day.7.21	water	0	4.28	586817
rat	day.7.21	water	0	5.1	586817
rat	day.7.21	water	0	5.27	586817
rat	day.7.21	water	0	5.09	586817
rat	day.7.21	water	0	5.13	586825
rat	day.7.21	water	0	4.92	586825
rat	day.7.21	water	0	5.23	586825
rat	day.7.21	water	0	4.99	586825
rat	day.7.21	water	0	5.13	586825
rat	day.7.21	water	0	3.32	586825
rat	day.7.21	water	0	5.26	586825
rat	day.7.21	water	0	5.35	586825
rat	day.7.21	water	0	5.04	586825
rat	day.7.21	water	0	5.8	586825
rat	day.7.21	water	0	5.65	586825
rat	day.7.21	water	0	4.82	586825
rat	day.7.21	water	0	5.11	586825
rat	day.7.21	water	0	4.94	586825
rat	day.7.21	water	0	5.08	586825
rat	day.7.21	water	20	4.98	586676
rat	day.7.21	water	20	5.04	586676
rat	day.7.21	water	20	4.92	586676
rat	day.7.21	water	20	4.99	586676
rat	day.7.21	water	20	5.23	586676
rat	day.7.21	water	20	4.87	586676
rat	day.7.21	water	20	5.31	586676
rat	day.7.21	water	20	4.43	586676
rat	day.7.21	water	20	5.19	586676
rat	day.7.21	water	20	5.08	586676
rat	day.7.21	water	20	4.76	586676
rat	day.7.21	water	20	4.69	586679
rat	day.7.21	water	20	5.02	586679
rat	day.7.21	water	20	5.06	586679
rat	day.7.21	water	20	5.36	586679
rat	day.7.21	water	20	4.89	586679
rat	day.7.21	water	20	4.43	586679

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	20	4.5	586679
rat	day.7.21	water	20	5.17	586679
rat	day.7.21	water	20	4.86	586679
rat	day.7.21	water	20	4.64	586679
rat	day.7.21	water	20	5.08	586679
rat	day.7.21	water	20	4.77	586679
rat	day.7.21	water	20	4.95	586679
rat	day.7.21	water	20	4.53	586679
rat	day.7.21	water	20	5.17	586679
rat	day.7.21	water	20	5.37	586680
rat	day.7.21	water	20	4.86	586680
rat	day.7.21	water	20	4.95	586680
rat	day.7.21	water	20	5.24	586680
rat	day.7.21	water	20	5.11	586680
rat	day.7.21	water	20	4.96	586680
rat	day.7.21	water	20	5.1	586680
rat	day.7.21	water	20	4.8	586680
rat	day.7.21	water	20	4.88	586680
rat	day.7.21	water	20	4.85	586680
rat	day.7.21	water	20	4.86	586680
rat	day.7.21	water	20	5.46	586680
rat	day.7.21	water	20	5.23	586680
rat	day.7.21	water	20	4.84	586680
rat	day.7.21	water	20	4.73	586680
rat	day.7.21	water	20	5.19	586681
rat	day.7.21	water	20	4.66	586681
rat	day.7.21	water	20	5.33	586681
rat	day.7.21	water	20	5.39	586681
rat	day.7.21	water	20	5.19	586681
rat	day.7.21	water	20	4.98	586681
rat	day.7.21	water	20	5.32	586681
rat	day.7.21	water	20	4.93	586681
rat	day.7.21	water	20	5.36	586681
rat	day.7.21	water	20	4.25	586690
rat	day.7.21	water	20	4.1	586690
rat	day.7.21	water	20	4.59	586690
rat	day.7.21	water	20	4.56	586690
rat	day.7.21	water	20	4.52	586690
rat	day.7.21	water	20	4.68	586690
rat	day.7.21	water	20	4.41	586690
rat	day.7.21	water	20	4.78	586690
rat	day.7.21	water	20	4.34	586690
rat	day.7.21	water	20	4.5	586690
rat	day.7.21	water	20	4.6	586690
rat	day.7.21	water	20	4.27	586690

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	20	4.65	586690
rat	day.7.21	water	20	4.4	586690
rat	day.7.21	water	20	5.07	586690
rat	day.7.21	water	20	4.85	586700
rat	day.7.21	water	20	5.03	586700
rat	day.7.21	water	20	5.06	586700
rat	day.7.21	water	20	5.52	586700
rat	day.7.21	water	20	5.44	586700
rat	day.7.21	water	20	5.15	586700
rat	day.7.21	water	20	4.77	586700
rat	day.7.21	water	20	4.78	586700
rat	day.7.21	water	20	4.55	586700
rat	day.7.21	water	20	5.48	586700
rat	day.7.21	water	20	5.21	586700
rat	day.7.21	water	20	5.06	586700
rat	day.7.21	water	20	5.21	586700
rat	day.7.21	water	20	4.22	586701
rat	day.7.21	water	20	5.01	586701
rat	day.7.21	water	20	5.22	586701
rat	day.7.21	water	20	5.21	586701
rat	day.7.21	water	20	4.75	586701
rat	day.7.21	water	20	5.09	586701
rat	day.7.21	water	20	5.67	586701
rat	day.7.21	water	20	5.23	586701
rat	day.7.21	water	20	5.25	586701
rat	day.7.21	water	20	5.17	586701
rat	day.7.21	water	20	5.17	586701
rat	day.7.21	water	20	5.12	586701
rat	day.7.21	water	20	5.24	586701
rat	day.7.21	water	20	4.92	586701
rat	day.7.21	water	20	4.98	586701
rat	day.7.21	water	20	5.77	586701
rat	day.7.21	water	20	4.33	586719
rat	day.7.21	water	20	5.38	586719
rat	day.7.21	water	20	5.95	586719
rat	day.7.21	water	20	5.64	586719
rat	day.7.21	water	20	5.55	586719
rat	day.7.21	water	20	5.74	586719
rat	day.7.21	water	20	5.28	586719
rat	day.7.21	water	20	5.87	586719
rat	day.7.21	water	20	5.42	586719
rat	day.7.21	water	20	5.6	586719
rat	day.7.21	water	20	5.38	586719
rat	day.7.21	water	20	5.25	586719
rat	day.7.21	water	20	5.58	586719

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	20	4.69	586720
rat	day.7.21	water	20	4.58	586720
rat	day.7.21	water	20	5.02	586720
rat	day.7.21	water	20	4.87	586720
rat	day.7.21	water	20	4.85	586720
rat	day.7.21	water	20	4.98	586720
rat	day.7.21	water	20	4.13	586720
rat	day.7.21	water	20	4.63	586720
rat	day.7.21	water	20	5.14	586720
rat	day.7.21	water	20	4.95	586720
rat	day.7.21	water	20	4.9	586720
rat	day.7.21	water	20	4.95	586720
rat	day.7.21	water	20	4.61	586720
rat	day.7.21	water	20	4.6	586720
rat	day.7.21	water	20	5.07	586720
rat	day.7.21	water	20	4.46	586721
rat	day.7.21	water	20	5.22	586721
rat	day.7.21	water	20	4.75	586721
rat	day.7.21	water	20	4.54	586721
rat	day.7.21	water	20	5.07	586721
rat	day.7.21	water	20	4.97	586721
rat	day.7.21	water	20	5.29	586721
rat	day.7.21	water	20	4.8	586721
rat	day.7.21	water	20	4.59	586721
rat	day.7.21	water	20	4.93	586721
rat	day.7.21	water	20	4.89	586721
rat	day.7.21	water	20	5.39	586721
rat	day.7.21	water	20	4.79	586721
rat	day.7.21	water	20	5.54	586721
rat	day.7.21	water	20	5.18	586728
rat	day.7.21	water	20	4.62	586728
rat	day.7.21	water	20	4.65	586728
rat	day.7.21	water	20	4.91	586728
rat	day.7.21	water	20	5.11	586728
rat	day.7.21	water	20	4.47	586728
rat	day.7.21	water	20	4.89	586728
rat	day.7.21	water	20	5.23	586728
rat	day.7.21	water	20	5.13	586728
rat	day.7.21	water	20	4.63	586728
rat	day.7.21	water	20	5.11	586728
rat	day.7.21	water	20	4.36	586728
rat	day.7.21	water	20	4.55	586728
rat	day.7.21	water	20	4.29	586728
rat	day.7.21	water	20	4.86	586748
rat	day.7.21	water	20	5.44	586748

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	20	5.39	586748
rat	day.7.21	water	20	5.08	586748
rat	day.7.21	water	20	4.85	586748
rat	day.7.21	water	20	5.3	586748
rat	day.7.21	water	20	5.12	586748
rat	day.7.21	water	20	4.98	586748
rat	day.7.21	water	20	4.93	586748
rat	day.7.21	water	20	5.32	586748
rat	day.7.21	water	20	5.28	586748
rat	day.7.21	water	20	4.42	586748
rat	day.7.21	water	20	5.21	586748
rat	day.7.21	water	20	5.46	586748
rat	day.7.21	water	20	5.37	586759
rat	day.7.21	water	20	5.5	586759
rat	day.7.21	water	20	5.07	586759
rat	day.7.21	water	20	5.32	586759
rat	day.7.21	water	20	5.37	586759
rat	day.7.21	water	20	5.21	586759
rat	day.7.21	water	20	5.22	586759
rat	day.7.21	water	20	5.29	586759
rat	day.7.21	water	20	5.34	586759
rat	day.7.21	water	20	5.47	586759
rat	day.7.21	water	20	5.38	586759
rat	day.7.21	water	20	5.73	586759
rat	day.7.21	water	20	4.99	586759
rat	day.7.21	water	20	5.39	586759
rat	day.7.21	water	20	5.36	586759
rat	day.7.21	water	20	5.75	586759
rat	day.7.21	water	20	5.67	586759
rat	day.7.21	water	20	4.74	586761
rat	day.7.21	water	20	4.73	586761
rat	day.7.21	water	20	4.8	586761
rat	day.7.21	water	20	4.62	586761
rat	day.7.21	water	20	4.87	586761
rat	day.7.21	water	20	4.62	586761
rat	day.7.21	water	20	4.24	586761
rat	day.7.21	water	20	4.61	586761
rat	day.7.21	water	20	4.25	586761
rat	day.7.21	water	20	4.35	586761
rat	day.7.21	water	20	4.48	586761
rat	day.7.21	water	20	4.81	586761
rat	day.7.21	water	20	4.32	586761
rat	day.7.21	water	20	4.93	586761
rat	day.7.21	water	20	4.6	586765
rat	day.7.21	water	20	5.28	586765

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	20	5.07	586765
rat	day.7.21	water	20	5.33	586765
rat	day.7.21	water	20	5.67	586765
rat	day.7.21	water	20	5.38	586765
rat	day.7.21	water	20	5.5	586765
rat	day.7.21	water	20	5.4	586765
rat	day.7.21	water	20	5.51	586765
rat	day.7.21	water	20	5.56	586765
rat	day.7.21	water	20	5.26	586765
rat	day.7.21	water	20	4.88	586768
rat	day.7.21	water	20	4.84	586768
rat	day.7.21	water	20	4.58	586768
rat	day.7.21	water	20	4.48	586768
rat	day.7.21	water	20	4.79	586768
rat	day.7.21	water	20	5.2	586768
rat	day.7.21	water	20	4.84	586768
rat	day.7.21	water	20	5.07	586768
rat	day.7.21	water	20	4.02	586768
rat	day.7.21	water	20	4.63	586768
rat	day.7.21	water	20	5.43	586768
rat	day.7.21	water	20	5.06	586768
rat	day.7.21	water	20	4.93	586768
rat	day.7.21	water	20	4.62	586768
rat	day.7.21	water	20	4.73	586768
rat	day.7.21	water	20	5.04	586768
rat	day.7.21	water	20	4.96	586768
rat	day.7.21	water	20	5.22	586772
rat	day.7.21	water	20	5.27	586772
rat	day.7.21	water	20	5.43	586772
rat	day.7.21	water	20	5.26	586772
rat	day.7.21	water	20	4.9	586772
rat	day.7.21	water	20	5.26	586772
rat	day.7.21	water	20	4.98	586772
rat	day.7.21	water	20	5.14	586772
rat	day.7.21	water	20	5.03	586772
rat	day.7.21	water	20	5.44	586772
rat	day.7.21	water	20	5.1	586772
rat	day.7.21	water	20	5.26	586772
rat	day.7.21	water	20	4.97	586772
rat	day.7.21	water	20	4.95	586772
rat	day.7.21	water	20	5.25	586772
rat	day.7.21	water	20	5.36	586787
rat	day.7.21	water	20	5.22	586787
rat	day.7.21	water	20	4.96	586787
rat	day.7.21	water	20	4.9	586787

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	20	4.89	586787
rat	day.7.21	water	20	5.36	586787
rat	day.7.21	water	20	5.52	586787
rat	day.7.21	water	20	5.6	586787
rat	day.7.21	water	20	5.37	586787
rat	day.7.21	water	20	5.64	586787
rat	day.7.21	water	20	5.25	586787
rat	day.7.21	water	20	3.94	586788
rat	day.7.21	water	20	3.85	586788
rat	day.7.21	water	20	3.9	586788
rat	day.7.21	water	20	4.14	586788
rat	day.7.21	water	20	4.23	586788
rat	day.7.21	water	20	4.34	586788
rat	day.7.21	water	20	3.49	586788
rat	day.7.21	water	20	4.8	586788
rat	day.7.21	water	20	4.4	586788
rat	day.7.21	water	20	4.04	586788
rat	day.7.21	water	20	4.2	586788
rat	day.7.21	water	20	4.6	586788
rat	day.7.21	water	20	4.43	586788
rat	day.7.21	water	20	4.28	586788
rat	day.7.21	water	20	4.96	586796
rat	day.7.21	water	20	5.6	586796
rat	day.7.21	water	20	5.35	586796
rat	day.7.21	water	20	5.36	586796
rat	day.7.21	water	20	5.32	586796
rat	day.7.21	water	20	5.37	586796
rat	day.7.21	water	20	5.71	586796
rat	day.7.21	water	20	5.58	586796
rat	day.7.21	water	20	5.05	586796
rat	day.7.21	water	20	5.64	586796
rat	day.7.21	water	20	5.64	586796
rat	day.7.21	water	20	5.19	586796
rat	day.7.21	water	20	5.38	586796
rat	day.7.21	water	20	5.27	586803
rat	day.7.21	water	20	5.24	586803
rat	day.7.21	water	20	5.49	586803
rat	day.7.21	water	20	4.99	586803
rat	day.7.21	water	20	5.2	586803
rat	day.7.21	water	20	4.57	586803
rat	day.7.21	water	20	5.44	586803
rat	day.7.21	water	20	5.29	586803
rat	day.7.21	water	20	5.08	586803
rat	day.7.21	water	20	5.21	586803
rat	day.7.21	water	20	5.23	586803

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	20	5.04	586803
rat	day.7.21	water	20	5.01	586803
rat	day.7.21	water	20	5	586803
rat	day.7.21	water	20	4.77	586803
rat	day.7.21	water	20	4.95	586803
rat	day.7.21	water	20	5.95	586814
rat	day.7.21	water	20	5.69	586814
rat	day.7.21	water	20	5.41	586814
rat	day.7.21	water	20	5.95	586814
rat	day.7.21	water	20	5.22	586814
rat	day.7.21	water	20	5.89	586814
rat	day.7.21	water	20	5.39	586814
rat	day.7.21	water	20	5.91	586814
rat	day.7.21	water	20	5.69	586814
rat	day.7.21	water	20	5.34	586814
rat	day.7.21	water	20	5.62	586814
rat	day.7.21	water	20	5.47	586819
rat	day.7.21	water	20	5.29	586819
rat	day.7.21	water	20	5.52	586819
rat	day.7.21	water	20	5.26	586819
rat	day.7.21	water	20	5.35	586819
rat	day.7.21	water	20	5.66	586819
rat	day.7.21	water	20	5.4	586819
rat	day.7.21	water	20	5.63	586819
rat	day.7.21	water	20	5.28	586819
rat	day.7.21	water	20	5.41	586819
rat	day.7.21	water	20	5.56	586819
rat	day.7.21	water	20	5.41	586819
rat	day.7.21	water	20	4.35	586822
rat	day.7.21	water	20	4.46	586822
rat	day.7.21	water	20	4.63	586822
rat	day.7.21	water	20	4.56	586822
rat	day.7.21	water	20	4.58	586822
rat	day.7.21	water	20	4.4	586822
rat	day.7.21	water	20	4.2	586822
rat	day.7.21	water	20	4.64	586822
rat	day.7.21	water	20	4.39	586822
rat	day.7.21	water	20	4.4	586822
rat	day.7.21	water	20	4.21	586822
rat	day.7.21	water	20	4.33	586822
rat	day.7.21	water	65	4.69	586682
rat	day.7.21	water	65	4.69	586682
rat	day.7.21	water	65	5.12	586682
rat	day.7.21	water	65	4.69	586682
rat	day.7.21	water	65	4.85	586682

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	5.24	586682
rat	day.7.21	water	65	4.77	586682
rat	day.7.21	water	65	4.32	586682
rat	day.7.21	water	65	4.77	586682
rat	day.7.21	water	65	4.78	586682
rat	day.7.21	water	65	4.89	586682
rat	day.7.21	water	65	5.07	586682
rat	day.7.21	water	65	4.97	586682
rat	day.7.21	water	65	4.62	586682
rat	day.7.21	water	65	5.2	586682
rat	day.7.21	water	65	5.18	586682
rat	day.7.21	water	65	5.04	586695
rat	day.7.21	water	65	4.98	586695
rat	day.7.21	water	65	5.23	586695
rat	day.7.21	water	65	5.12	586695
rat	day.7.21	water	65	4.91	586695
rat	day.7.21	water	65	5.21	586695
rat	day.7.21	water	65	5.22	586695
rat	day.7.21	water	65	4.59	586695
rat	day.7.21	water	65	5.21	586695
rat	day.7.21	water	65	5.13	586695
rat	day.7.21	water	65	5.2	586695
rat	day.7.21	water	65	4.94	586695
rat	day.7.21	water	65	5.68	586695
rat	day.7.21	water	65	4.56	585702
rat	day.7.21	water	65	4.55	585702
rat	day.7.21	water	65	4.57	585702
rat	day.7.21	water	65	4.75	585702
rat	day.7.21	water	65	4.75	585702
rat	day.7.21	water	65	4.72	585702
rat	day.7.21	water	65	4.57	585702
rat	day.7.21	water	65	4.81	585702
rat	day.7.21	water	65	4.72	585702
rat	day.7.21	water	65	4.86	585702
rat	day.7.21	water	65	4.68	585702
rat	day.7.21	water	65	4.98	585702
rat	day.7.21	water	65	4.72	585702
rat	day.7.21	water	65	4.99	585702
rat	day.7.21	water	65	5.1	585702
rat	day.7.21	water	65	4.71	586703
rat	day.7.21	water	65	4.67	586703
rat	day.7.21	water	65	5.44	586703
rat	day.7.21	water	65	5.66	586703
rat	day.7.21	water	65	5.55	586703
rat	day.7.21	water	65	5	586703

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	5.19	586703
rat	day.7.21	water	65	5.47	586703
rat	day.7.21	water	65	5.2	586703
rat	day.7.21	water	65	5.22	586703
rat	day.7.21	water	65	5.01	586703
rat	day.7.21	water	65	5.02	586703
rat	day.7.21	water	65	5.02	586703
rat	day.7.21	water	65	4.94	586703
rat	day.7.21	water	65	5.06	586703
rat	day.7.21	water	65	4.97	586706
rat	day.7.21	water	65	5.52	586706
rat	day.7.21	water	65	5.1	586706
rat	day.7.21	water	65	4.87	586706
rat	day.7.21	water	65	4.27	586706
rat	day.7.21	water	65	4.93	586706
rat	day.7.21	water	65	5.06	586706
rat	day.7.21	water	65	4.78	586706
rat	day.7.21	water	65	5	586706
rat	day.7.21	water	65	4.79	586706
rat	day.7.21	water	65	5.51	586710
rat	day.7.21	water	65	5.45	586710
rat	day.7.21	water	65	4.63	586710
rat	day.7.21	water	65	5.28	586710
rat	day.7.21	water	65	5.14	586710
rat	day.7.21	water	65	5.07	586710
rat	day.7.21	water	65	4.75	586710
rat	day.7.21	water	65	5.44	586710
rat	day.7.21	water	65	5.38	586710
rat	day.7.21	water	65	4.97	586710
rat	day.7.21	water	65	5.11	586710
rat	day.7.21	water	65	5.34	586710
rat	day.7.21	water	65	5.02	586710
rat	day.7.21	water	65	4.91	586710
rat	day.7.21	water	65	5.07	586710
rat	day.7.21	water	65	5.55	586710
rat	day.7.21	water	65	4.76	586712
rat	day.7.21	water	65	5.15	586712
rat	day.7.21	water	65	4.74	586712
rat	day.7.21	water	65	5.25	586712
rat	day.7.21	water	65	4.26	586712
rat	day.7.21	water	65	4.83	586712
rat	day.7.21	water	65	5.01	586712
rat	day.7.21	water	65	5.02	586712
rat	day.7.21	water	65	5.4	586712
rat	day.7.21	water	65	5.21	586712

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	4.82	586712
rat	day.7.21	water	65	4.73	586712
rat	day.7.21	water	65	4.63	586712
rat	day.7.21	water	65	4.97	586712
rat	day.7.21	water	65	4.86	586714
rat	day.7.21	water	65	4.73	586714
rat	day.7.21	water	65	4.67	586714
rat	day.7.21	water	65	4.88	586714
rat	day.7.21	water	65	4.76	586714
rat	day.7.21	water	65	5.35	586714
rat	day.7.21	water	65	4.86	586714
rat	day.7.21	water	65	4.95	586714
rat	day.7.21	water	65	4.9	586714
rat	day.7.21	water	65	5.14	586714
rat	day.7.21	water	65	4.97	586714
rat	day.7.21	water	65	4.46	586714
rat	day.7.21	water	65	4.52	586714
rat	day.7.21	water	65	5.19	586714
rat	day.7.21	water	65	4.69	586714
rat	day.7.21	water	65	5.3	586723
rat	day.7.21	water	65	4.95	586723
rat	day.7.21	water	65	5.14	586723
rat	day.7.21	water	65	5.11	586723
rat	day.7.21	water	65	5.42	586723
rat	day.7.21	water	65	5.17	586723
rat	day.7.21	water	65	5.01	586723
rat	day.7.21	water	65	5.11	586723
rat	day.7.21	water	65	5.15	586723
rat	day.7.21	water	65	4.93	586723
rat	day.7.21	water	65	5.25	586723
rat	day.7.21	water	65	5.34	586723
rat	day.7.21	water	65	5.62	586723
rat	day.7.21	water	65	5.33	586723
rat	day.7.21	water	65	5.43	586723
rat	day.7.21	water	65	4.54	586731
rat	day.7.21	water	65	4.61	586731
rat	day.7.21	water	65	4.64	586731
rat	day.7.21	water	65	4.81	586731
rat	day.7.21	water	65	4.72	586731
rat	day.7.21	water	65	3.95	586731
rat	day.7.21	water	65	4.31	586731
rat	day.7.21	water	65	4.59	586731
rat	day.7.21	water	65	4.42	586731
rat	day.7.21	water	65	4.77	586731
rat	day.7.21	water	65	4.4	586731

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	4.49	586731
rat	day.7.21	water	65	5.1	586731
rat	day.7.21	water	65	4.5	586731
rat	day.7.21	water	65	4.79	586731
rat	day.7.21	water	65	5.68	586738
rat	day.7.21	water	65	5.86	586738
rat	day.7.21	water	65	5.58	586738
rat	day.7.21	water	65	5.66	586738
rat	day.7.21	water	65	5.09	586738
rat	day.7.21	water	65	4.92	586738
rat	day.7.21	water	65	5.78	586738
rat	day.7.21	water	65	5.59	586738
rat	day.7.21	water	65	4.99	586738
rat	day.7.21	water	65	5.1	586738
rat	day.7.21	water	65	5.6	586738
rat	day.7.21	water	65	5.39	586738
rat	day.7.21	water	65	5.01	586738
rat	day.7.21	water	65	4.71	586741
rat	day.7.21	water	65	4.94	586741
rat	day.7.21	water	65	5.17	586741
rat	day.7.21	water	65	3.1	586741
rat	day.7.21	water	65	4.65	586741
rat	day.7.21	water	65	5.09	586741
rat	day.7.21	water	65	5.32	586741
rat	day.7.21	water	65	5.09	586741
rat	day.7.21	water	65	4.64	586741
rat	day.7.21	water	65	4.51	586741
rat	day.7.21	water	65	4.85	586741
rat	day.7.21	water	65	5.18	586741
rat	day.7.21	water	65	4.29	586746
rat	day.7.21	water	65	4.76	586746
rat	day.7.21	water	65	5.03	586746
rat	day.7.21	water	65	4.8	586746
rat	day.7.21	water	65	4.48	586746
rat	day.7.21	water	65	4.53	586746
rat	day.7.21	water	65	4.09	586746
rat	day.7.21	water	65	4.81	586746
rat	day.7.21	water	65	4.51	586746
rat	day.7.21	water	65	4.88	586746
rat	day.7.21	water	65	4.52	586746
rat	day.7.21	water	65	4.49	586746
rat	day.7.21	water	65	4.81	586746
rat	day.7.21	water	65	5.24	586758
rat	day.7.21	water	65	5.38	586758
rat	day.7.21	water	65	5.59	586758

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	5.44	586758
rat	day.7.21	water	65	4.73	586758
rat	day.7.21	water	65	5.06	586758
rat	day.7.21	water	65	4.73	586758
rat	day.7.21	water	65	4.49	586758
rat	day.7.21	water	65	5.54	586758
rat	day.7.21	water	65	4.55	586758
rat	day.7.21	water	65	4.7	586758
rat	day.7.21	water	65	4.88	586758
rat	day.7.21	water	65	5.1	586758
rat	day.7.21	water	65	5.14	586758
rat	day.7.21	water	65	4.99	586758
rat	day.7.21	water	65	5.22	586758
rat	day.7.21	water	65	4.99	586764
rat	day.7.21	water	65	5.65	586764
rat	day.7.21	water	65	5.94	586764
rat	day.7.21	water	65	5.54	586764
rat	day.7.21	water	65	5.56	586764
rat	day.7.21	water	65	5.16	586764
rat	day.7.21	water	65	5.35	586764
rat	day.7.21	water	65	5.85	586764
rat	day.7.21	water	65	5.43	586764
rat	day.7.21	water	65	5.22	586764
rat	day.7.21	water	65	5.37	586764
rat	day.7.21	water	65	5.45	586769
rat	day.7.21	water	65	5.61	586769
rat	day.7.21	water	65	5.55	586769
rat	day.7.21	water	65	5.64	586769
rat	day.7.21	water	65	5.38	586769
rat	day.7.21	water	65	6.02	586769
rat	day.7.21	water	65	5.38	586769
rat	day.7.21	water	65	6.13	586769
rat	day.7.21	water	65	5.7	586769
rat	day.7.21	water	65	5.75	586769
rat	day.7.21	water	65	5.54	586769
rat	day.7.21	water	65	5.59	586769
rat	day.7.21	water	65	4.92	586776
rat	day.7.21	water	65	4.79	586776
rat	day.7.21	water	65	5.22	586776
rat	day.7.21	water	65	4.91	586776
rat	day.7.21	water	65	4.79	586776
rat	day.7.21	water	65	4.9	586776
rat	day.7.21	water	65	5	586776
rat	day.7.21	water	65	5.33	586776
rat	day.7.21	water	65	4.73	586776

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	5.19	586776
rat	day.7.21	water	65	4.34	586776
rat	day.7.21	water	65	4.94	586792
rat	day.7.21	water	65	4.9	586792
rat	day.7.21	water	65	5.08	586792
rat	day.7.21	water	65	5.28	586792
rat	day.7.21	water	65	4.97	586792
rat	day.7.21	water	65	4.81	586792
rat	day.7.21	water	65	4.81	586792
rat	day.7.21	water	65	4.73	586792
rat	day.7.21	water	65	5	586792
rat	day.7.21	water	65	5.2	586792
rat	day.7.21	water	65	4.81	586792
rat	day.7.21	water	65	5.13	586792
rat	day.7.21	water	65	5.13	586792
rat	day.7.21	water	65	4.74	586792
rat	day.7.21	water	65	5.08	586792
rat	day.7.21	water	65	4.67	586794
rat	day.7.21	water	65	5.31	586794
rat	day.7.21	water	65	4.55	586794
rat	day.7.21	water	65	5.26	586794
rat	day.7.21	water	65	4.99	586794
rat	day.7.21	water	65	4.75	586794
rat	day.7.21	water	65	4.53	586794
rat	day.7.21	water	65	4.95	586794
rat	day.7.21	water	65	4.83	586794
rat	day.7.21	water	65	4.93	586794
rat	day.7.21	water	65	4.86	586794
rat	day.7.21	water	65	3.28	586799
rat	day.7.21	water	65	4.98	586799
rat	day.7.21	water	65	3.9	586799
rat	day.7.21	water	65	5.08	586799
rat	day.7.21	water	65	5.1	586799
rat	day.7.21	water	65	4.99	586799
rat	day.7.21	water	65	4.71	586799
rat	day.7.21	water	65	5.24	586799
rat	day.7.21	water	65	5.28	586799
rat	day.7.21	water	65	4.78	586799
rat	day.7.21	water	65	4.58	586799
rat	day.7.21	water	65	4.87	586799
rat	day.7.21	water	65	4.93	586799
rat	day.7.21	water	65	4.94	586799
rat	day.7.21	water	65	4.66	586799
rat	day.7.21	water	65	3.93	586799
rat	day.7.21	water	65	5.15	586799

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	5.16	586799
rat	day.7.21	water	65	4.37	586800
rat	day.7.21	water	65	4.34	586800
rat	day.7.21	water	65	5.39	586800
rat	day.7.21	water	65	4.84	586800
rat	day.7.21	water	65	4.9	586800
rat	day.7.21	water	65	4.35	586800
rat	day.7.21	water	65	4.21	586800
rat	day.7.21	water	65	4.81	586800
rat	day.7.21	water	65	4.12	586800
rat	day.7.21	water	65	4.56	586800
rat	day.7.21	water	65	4.21	586800
rat	day.7.21	water	65	3.99	586800
rat	day.7.21	water	65	4.44	586800
rat	day.7.21	water	65	4.01	586800
rat	day.7.21	water	65	4.25	586800
rat	day.7.21	water	65	5.2	586802
rat	day.7.21	water	65	5.51	586802
rat	day.7.21	water	65	5.06	586802
rat	day.7.21	water	65	5.58	586802
rat	day.7.21	water	65	5.08	586802
rat	day.7.21	water	65	5	586802
rat	day.7.21	water	65	5.46	586802
rat	day.7.21	water	65	5.2	586802
rat	day.7.21	water	65	5.05	586802
rat	day.7.21	water	65	4.93	586802
rat	day.7.21	water	65	5.65	586802
rat	day.7.21	water	65	5.49	586802
rat	day.7.21	water	65	5.38	586802
rat	day.7.21	water	65	5.62	586802
rat	day.7.21	water	65	5.58	586802
rat	day.7.21	water	65	5.28	586802
rat	day.7.21	water	65	4.93	586816
rat	day.7.21	water	65	4.52	586816
rat	day.7.21	water	65	4.7	586816
rat	day.7.21	water	65	4.73	586816
rat	day.7.21	water	65	5.05	586816
rat	day.7.21	water	65	4.87	586816
rat	day.7.21	water	65	4.48	586816
rat	day.7.21	water	65	4.82	586816
rat	day.7.21	water	65	4.84	586816
rat	day.7.21	water	65	4.66	586816
rat	day.7.21	water	65	4.73	586816
rat	day.7.21	water	65	4.33	586816
rat	day.7.21	water	65	4.25	586816

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	65	5.06	586816
rat	day.7.21	water	65	4.47	586816
rat	day.7.21	water	65	5.27	586829
rat	day.7.21	water	65	5.11	586829
rat	day.7.21	water	65	5.4	586829
rat	day.7.21	water	65	5.64	586829
rat	day.7.21	water	65	5.23	586829
rat	day.7.21	water	65	5.36	586829
rat	day.7.21	water	65	5.08	586829
rat	day.7.21	water	65	5.46	586829
rat	day.7.21	water	65	5.36	586829
rat	day.7.21	water	65	4.92	586829
rat	day.7.21	water	65	4.96	586829
rat	day.7.21	water	65	5.44	586829
rat	day.7.21	water	65	4.87	586829
rat	day.7.21	water	65	4.76	586829
rat	day.7.21	water	65	5.09	586829
rat	day.7.21	water	65	5.41	586829
rat	day.7.21	water	65	4.6	586829
rat	day.7.21	water	65	5.03	586829
rat	day.7.21	water	150	4.72	586674
rat	day.7.21	water	150	4.92	586674
rat	day.7.21	water	150	4.71	586674
rat	day.7.21	water	150	4.68	586674
rat	day.7.21	water	150	4.59	586674
rat	day.7.21	water	150	4.37	586674
rat	day.7.21	water	150	4.63	586674
rat	day.7.21	water	150	4.53	586674
rat	day.7.21	water	150	4.7	586674
rat	day.7.21	water	150	4.44	586674
rat	day.7.21	water	150	4.85	586674
rat	day.7.21	water	150	4.87	586674
rat	day.7.21	water	150	4.6	586674
rat	day.7.21	water	150	4.83	586674
rat	day.7.21	water	150	4.56	586674
rat	day.7.21	water	150	4.62	586674
rat	day.7.21	water	150	4.72	586678
rat	day.7.21	water	150	4.64	586678
rat	day.7.21	water	150	4.67	586678
rat	day.7.21	water	150	4.44	586678
rat	day.7.21	water	150	4.27	586678
rat	day.7.21	water	150	4.79	586678
rat	day.7.21	water	150	4.56	586678
rat	day.7.21	water	150	4.41	586678
rat	day.7.21	water	150	4.29	586678

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	4.52	586678
rat	day.7.21	water	150	4.54	586678
rat	day.7.21	water	150	4.44	586678
rat	day.7.21	water	150	4.48	586678
rat	day.7.21	water	150	4.69	586678
rat	day.7.21	water	150	4.47	586678
rat	day.7.21	water	150	4.42	586678
rat	day.7.21	water	150	4.24	586686
rat	day.7.21	water	150	4.23	586686
rat	day.7.21	water	150	4.42	586686
rat	day.7.21	water	150	4.39	586686
rat	day.7.21	water	150	4.78	586686
rat	day.7.21	water	150	4.17	586686
rat	day.7.21	water	150	3.78	586686
rat	day.7.21	water	150	4.04	586686
rat	day.7.21	water	150	4.14	586686
rat	day.7.21	water	150	4.06	586686
rat	day.7.21	water	150	3.51	586686
rat	day.7.21	water	150	5.3	586687
rat	day.7.21	water	150	5.41	586687
rat	day.7.21	water	150	5.03	586687
rat	day.7.21	water	150	5.31	586687
rat	day.7.21	water	150	5.36	586687
rat	day.7.21	water	150	5.81	586687
rat	day.7.21	water	150	5.47	586687
rat	day.7.21	water	150	4.97	586687
rat	day.7.21	water	150	5.21	586687
rat	day.7.21	water	150	5.48	586687
rat	day.7.21	water	150	4.95	586687
rat	day.7.21	water	150	5.22	586687
rat	day.7.21	water	150	5.87	586687
rat	day.7.21	water	150	5.29	586687
rat	day.7.21	water	150	5.6	586687
rat	day.7.21	water	150	4.37	586688
rat	day.7.21	water	150	4.47	586688
rat	day.7.21	water	150	4.57	586688
rat	day.7.21	water	150	4.76	586688
rat	day.7.21	water	150	4.93	586688
rat	day.7.21	water	150	4.77	586688
rat	day.7.21	water	150	4.35	586688
rat	day.7.21	water	150	4.43	586688
rat	day.7.21	water	150	4.42	586688
rat	day.7.21	water	150	4.32	586688
rat	day.7.21	water	150	4.53	586688
rat	day.7.21	water	150	4.27	586688

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	4.22	586688
rat	day.7.21	water	150	4.78	586688
rat	day.7.21	water	150	4.31	586688
rat	day.7.21	water	150	4.67	586688
rat	day.7.21	water	150	4.41	586688
rat	day.7.21	water	150	4.51	586692
rat	day.7.21	water	150	5.15	586692
rat	day.7.21	water	150	4.99	586692
rat	day.7.21	water	150	4.67	586692
rat	day.7.21	water	150	4.97	586692
rat	day.7.21	water	150	4.67	586692
rat	day.7.21	water	150	4.22	586692
rat	day.7.21	water	150	4.83	586692
rat	day.7.21	water	150	4.89	586692
rat	day.7.21	water	150	5.18	586692
rat	day.7.21	water	150	4.38	586692
rat	day.7.21	water	150	4.71	586692
rat	day.7.21	water	150	5.19	586692
rat	day.7.21	water	150	4.59	586692
rat	day.7.21	water	150	4.7	586692
rat	day.7.21	water	150	3.35	586704
rat	day.7.21	water	150	4.41	586704
rat	day.7.21	water	150	4.72	586704
rat	day.7.21	water	150	4.66	586704
rat	day.7.21	water	150	4	586704
rat	day.7.21	water	150	4.51	586704
rat	day.7.21	water	150	4.51	586704
rat	day.7.21	water	150	4.67	586704
rat	day.7.21	water	150	4.66	586704
rat	day.7.21	water	150	4.57	586704
rat	day.7.21	water	150	4.71	586704
rat	day.7.21	water	150	4.93	586704
rat	day.7.21	water	150	3.89	586704
rat	day.7.21	water	150	4.6	586704
rat	day.7.21	water	150	4.41	586704
rat	day.7.21	water	150	5.14	586709
rat	day.7.21	water	150	5.32	586709
rat	day.7.21	water	150	4.88	586709
rat	day.7.21	water	150	5.11	586709
rat	day.7.21	water	150	5.15	586709
rat	day.7.21	water	150	4.34	586709
rat	day.7.21	water	150	4.7	586709
rat	day.7.21	water	150	4.42	586709
rat	day.7.21	water	150	4.95	586709
rat	day.7.21	water	150	5.07	586709

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	5.16	586709
rat	day.7.21	water	150	4.78	586709
rat	day.7.21	water	150	4.88	586709
rat	day.7.21	water	150	5.07	586709
rat	day.7.21	water	150	4.76	586713
rat	day.7.21	water	150	4.4	586713
rat	day.7.21	water	150	4.98	586713
rat	day.7.21	water	150	4.56	586713
rat	day.7.21	water	150	4.83	586713
rat	day.7.21	water	150	4.5	586713
rat	day.7.21	water	150	4.67	586713
rat	day.7.21	water	150	5.27	586713
rat	day.7.21	water	150	4.6	586713
rat	day.7.21	water	150	4.43	586713
rat	day.7.21	water	150	4.53	586713
rat	day.7.21	water	150	4.72	586713
rat	day.7.21	water	150	4.78	586713
rat	day.7.21	water	150	4.7	586713
rat	day.7.21	water	150	4.62	586713
rat	day.7.21	water	150	4.8	586713
rat	day.7.21	water	150	5	586713
rat	day.7.21	water	150	4.99	586717
rat	day.7.21	water	150	5.18	586717
rat	day.7.21	water	150	4.87	586717
rat	day.7.21	water	150	4.99	586717
rat	day.7.21	water	150	5.14	586717
rat	day.7.21	water	150	5.02	586717
rat	day.7.21	water	150	5.02	586717
rat	day.7.21	water	150	4.49	586717
rat	day.7.21	water	150	4.68	586717
rat	day.7.21	water	150	4.72	586717
rat	day.7.21	water	150	5.14	586717
rat	day.7.21	water	150	4.57	586717
rat	day.7.21	water	150	5.24	586717
rat	day.7.21	water	150	4.85	586726
rat	day.7.21	water	150	5	586726
rat	day.7.21	water	150	4.89	586726
rat	day.7.21	water	150	4.81	586726
rat	day.7.21	water	150	4.85	586726
rat	day.7.21	water	150	4.45	586726
rat	day.7.21	water	150	4.48	586726
rat	day.7.21	water	150	4.69	586726
rat	day.7.21	water	150	4.28	586726
rat	day.7.21	water	150	4.68	586726
rat	day.7.21	water	150	4.4	586726

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	4.61	586726
rat	day.7.21	water	150	4.59	586726
rat	day.7.21	water	150	4.22	586743
rat	day.7.21	water	150	5.29	586743
rat	day.7.21	water	150	4.98	586743
rat	day.7.21	water	150	5	586743
rat	day.7.21	water	150	5.1	586743
rat	day.7.21	water	150	5.04	586743
rat	day.7.21	water	150	5.07	586743
rat	day.7.21	water	150	4.89	586743
rat	day.7.21	water	150	4.34	586743
rat	day.7.21	water	150	4.83	586743
rat	day.7.21	water	150	4.85	586743
rat	day.7.21	water	150	4.62	586743
rat	day.7.21	water	150	3.85	586743
rat	day.7.21	water	150	4.63	586744
rat	day.7.21	water	150	4.83	586744
rat	day.7.21	water	150	4.8	586744
rat	day.7.21	water	150	4.64	586744
rat	day.7.21	water	150	4.6	586744
rat	day.7.21	water	150	4.15	586744
rat	day.7.21	water	150	4.61	586744
rat	day.7.21	water	150	4.54	586744
rat	day.7.21	water	150	4.65	586744
rat	day.7.21	water	150	4.2	586744
rat	day.7.21	water	150	4.42	586744
rat	day.7.21	water	150	4.72	586744
rat	day.7.21	water	150	4.96	586744
rat	day.7.21	water	150	4.54	586744
rat	day.7.21	water	150	4.12	586744
rat	day.7.21	water	150	4.26	586744
rat	day.7.21	water	150	4.51	586751
rat	day.7.21	water	150	4.67	586751
rat	day.7.21	water	150	4.68	586751
rat	day.7.21	water	150	4.59	586751
rat	day.7.21	water	150	4.94	586751
rat	day.7.21	water	150	4.8	586751
rat	day.7.21	water	150	4.7	586751
rat	day.7.21	water	150	4.56	586751
rat	day.7.21	water	150	4.39	586751
rat	day.7.21	water	150	4.32	586751
rat	day.7.21	water	150	4.71	586751
rat	day.7.21	water	150	4.74	586751
rat	day.7.21	water	150	4.69	586751
rat	day.7.21	water	150	4.95	586751

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	4.89	586751
rat	day.7.21	water	150	4.1	586751
rat	day.7.21	water	150	4.07	586751
rat	day.7.21	water	150	5.12	586751
rat	day.7.21	water	150	4.45	586752
rat	day.7.21	water	150	4.44	586752
rat	day.7.21	water	150	4.58	586752
rat	day.7.21	water	150	4.72	586752
rat	day.7.21	water	150	5.03	586752
rat	day.7.21	water	150	4.59	586752
rat	day.7.21	water	150	4.58	586752
rat	day.7.21	water	150	4.33	586752
rat	day.7.21	water	150	4.78	586752
rat	day.7.21	water	150	4.73	586752
rat	day.7.21	water	150	4.62	586752
rat	day.7.21	water	150	4.41	586752
rat	day.7.21	water	150	4.84	586752
rat	day.7.21	water	150	4.63	586752
rat	day.7.21	water	150	5.18	586752
rat	day.7.21	water	150	4.85	586752
rat	day.7.21	water	150	5.21	586753
rat	day.7.21	water	150	4.79	586753
rat	day.7.21	water	150	5.18	586753
rat	day.7.21	water	150	4.11	586753
rat	day.7.21	water	150	4.69	586753
rat	day.7.21	water	150	4.6	586753
rat	day.7.21	water	150	4.68	586753
rat	day.7.21	water	150	4.7	586753
rat	day.7.21	water	150	4.73	586753
rat	day.7.21	water	150	4.51	586753
rat	day.7.21	water	150	4.91	586753
rat	day.7.21	water	150	4.42	586753
rat	day.7.21	water	150	4.22	586753
rat	day.7.21	water	150	4.03	586753
rat	day.7.21	water	150	4.55	586753
rat	day.7.21	water	150	4.81	586753
rat	day.7.21	water	150	4.01	586770
rat	day.7.21	water	150	4.95	586770
rat	day.7.21	water	150	4.77	586770
rat	day.7.21	water	150	4.4	586770
rat	day.7.21	water	150	3.22	586770
rat	day.7.21	water	150	4.52	586770
rat	day.7.21	water	150	4.2	586770
rat	day.7.21	water	150	4.87	586770
rat	day.7.21	water	150	4.31	586770

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	4.82	586770
rat	day.7.21	water	150	4.45	586770
rat	day.7.21	water	150	4.74	586770
rat	day.7.21	water	150	4.55	586770
rat	day.7.21	water	150	4.2	586770
rat	day.7.21	water	150	4.87	586770
rat	day.7.21	water	150	4.33	586773
rat	day.7.21	water	150	3.96	586773
rat	day.7.21	water	150	4.61	586773
rat	day.7.21	water	150	4.53	586773
rat	day.7.21	water	150	4.37	586773
rat	day.7.21	water	150	4.38	586773
rat	day.7.21	water	150	4.65	586773
rat	day.7.21	water	150	4.32	586773
rat	day.7.21	water	150	4.55	586773
rat	day.7.21	water	150	4.69	586773
rat	day.7.21	water	150	4.57	586773
rat	day.7.21	water	150	4.3	586773
rat	day.7.21	water	150	4.37	586773
rat	day.7.21	water	150	4.22	586773
rat	day.7.21	water	150	4.75	586773
rat	day.7.21	water	150	4.07	586778
rat	day.7.21	water	150	4.74	586778
rat	day.7.21	water	150	4.15	586778
rat	day.7.21	water	150	4.53	586778
rat	day.7.21	water	150	4.08	586778
rat	day.7.21	water	150	4.72	586778
rat	day.7.21	water	150	4.03	586778
rat	day.7.21	water	150	4.13	586778
rat	day.7.21	water	150	4.75	586778
rat	day.7.21	water	150	4.49	586778
rat	day.7.21	water	150	4.36	586778
rat	day.7.21	water	150	4.43	586778
rat	day.7.21	water	150	4.43	586778
rat	day.7.21	water	150	4.52	586778
rat	day.7.21	water	150	4.71	586781
rat	day.7.21	water	150	4.54	586781
rat	day.7.21	water	150	4.53	586781
rat	day.7.21	water	150	5.12	586781
rat	day.7.21	water	150	4.88	586781
rat	day.7.21	water	150	4.99	586781
rat	day.7.21	water	150	4.85	586781
rat	day.7.21	water	150	5.19	586781
rat	day.7.21	water	150	4.87	586781
rat	day.7.21	water	150	5.04	586781

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	4.75	586781
rat	day.7.21	water	150	4.8	586781
rat	day.7.21	water	150	4.61	586781
rat	day.7.21	water	150	5.02	586781
rat	day.7.21	water	150	5.23	586781
rat	day.7.21	water	150	4.54	586785
rat	day.7.21	water	150	4.43	586785
rat	day.7.21	water	150	5.06	586785
rat	day.7.21	water	150	4.45	586785
rat	day.7.21	water	150	4.48	586785
rat	day.7.21	water	150	4.54	586785
rat	day.7.21	water	150	4.04	586785
rat	day.7.21	water	150	4.56	586785
rat	day.7.21	water	150	4.5	586785
rat	day.7.21	water	150	4.49	586785
rat	day.7.21	water	150	4.93	586785
rat	day.7.21	water	150	4.26	586785
rat	day.7.21	water	150	4.36	586785
rat	day.7.21	water	150	4.63	586785
rat	day.7.21	water	150	4.85	586789
rat	day.7.21	water	150	5.22	586789
rat	day.7.21	water	150	5.18	586789
rat	day.7.21	water	150	5.37	586789
rat	day.7.21	water	150	4.95	586789
rat	day.7.21	water	150	5.43	586789
rat	day.7.21	water	150	5.41	586789
rat	day.7.21	water	150	5	586789
rat	day.7.21	water	150	4.27	586789
rat	day.7.21	water	150	5.29	586789
rat	day.7.21	water	150	5.19	586789
rat	day.7.21	water	150	5.05	586789
rat	day.7.21	water	150	4.78	586789
rat	day.7.21	water	150	4.34	586789
rat	day.7.21	water	150	4.81	586789
rat	day.7.21	water	150	5.26	586810
rat	day.7.21	water	150	4.94	586810
rat	day.7.21	water	150	5.24	586810
rat	day.7.21	water	150	5.41	586810
rat	day.7.21	water	150	4.7	586810
rat	day.7.21	water	150	5.21	586810
rat	day.7.21	water	150	5.16	586810
rat	day.7.21	water	150	4.55	586810
rat	day.7.21	water	150	5.01	586810
rat	day.7.21	water	150	5.49	586810
rat	day.7.21	water	150	4.85	586810

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	150	5.11	586810
rat	day.7.21	water	150	5.16	586810
rat	day.7.21	water	150	5.27	586818
rat	day.7.21	water	150	5	586818
rat	day.7.21	water	150	5.07	586818
rat	day.7.21	water	150	4.36	586818
rat	day.7.21	water	150	4.72	586818
rat	day.7.21	water	150	4.46	586818
rat	day.7.21	water	150	4.86	586818
rat	day.7.21	water	150	4.96	586818
rat	day.7.21	water	150	4.29	586818
rat	day.7.21	water	150	4.7	586818
rat	day.7.21	water	150	4.93	586818
rat	day.7.21	water	150	4.74	586818
rat	day.7.21	water	150	5.01	586818
rat	day.7.21	water	150	4.63	586826
rat	day.7.21	water	150	4.52	586826
rat	day.7.21	water	150	4.85	586826
rat	day.7.21	water	150	5.04	586826
rat	day.7.21	water	150	5.03	586826
rat	day.7.21	water	150	4.88	586826
rat	day.7.21	water	150	5.09	586826
rat	day.7.21	water	400	2.73	586675
rat	day.7.21	water	400	3.37	586675
rat	day.7.21	water	400	3.44	586675
rat	day.7.21	water	400	3.76	586675
rat	day.7.21	water	400	2.94	586675
rat	day.7.21	water	400	3.59	586675
rat	day.7.21	water	400	3.79	586675
rat	day.7.21	water	400	2.86	586675
rat	day.7.21	water	400	3.57	586675
rat	day.7.21	water	400	3.2	586675
rat	day.7.21	water	400	3.5	586675
rat	day.7.21	water	400	3.12	586675
rat	day.7.21	water	400	3.28	586677
rat	day.7.21	water	400	2.92	586677
rat	day.7.21	water	400	3.25	586677
rat	day.7.21	water	400	3.18	586677
rat	day.7.21	water	400	3.65	586677
rat	day.7.21	water	400	3.25	586677
rat	day.7.21	water	400	3.64	586677
rat	day.7.21	water	400	3.38	586677
rat	day.7.21	water	400	3.44	586677
rat	day.7.21	water	400	3.45	586677
rat	day.7.21	water	400	3.25	586677

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	400	2.95	586683
rat	day.7.21	water	400	3.44	586683
rat	day.7.21	water	400	2.79	586683
rat	day.7.21	water	400	3.42	586683
rat	day.7.21	water	400	3.72	586683
rat	day.7.21	water	400	3.34	586684
rat	day.7.21	water	400	3.24	586684
rat	day.7.21	water	400	3.09	586684
rat	day.7.21	water	400	2.84	586684
rat	day.7.21	water	400	2.58	586684
rat	day.7.21	water	400	3.42	586684
rat	day.7.21	water	400	3.26	586684
rat	day.7.21	water	400	3.03	586684
rat	day.7.21	water	400	3.31	586693
rat	day.7.21	water	400	3.41	586693
rat	day.7.21	water	400	2.78	586693
rat	day.7.21	water	400	3.6	586693
rat	day.7.21	water	400	2.94	586693
rat	day.7.21	water	400	3.27	586693
rat	day.7.21	water	400	3.75	586693
rat	day.7.21	water	400	2.92	586693
rat	day.7.21	water	400	3.23	586693
rat	day.7.21	water	400	3.17	586693
rat	day.7.21	water	400	2.67	586693
rat	day.7.21	water	400	3.76	586694
rat	day.7.21	water	400	3.67	586694
rat	day.7.21	water	400	3.95	586694
rat	day.7.21	water	400	3.54	586694
rat	day.7.21	water	400	3.2	586694
rat	day.7.21	water	400	3.51	586694
rat	day.7.21	water	400	3.63	586694
rat	day.7.21	water	400	3.79	586694
rat	day.7.21	water	400	3.4	586694
rat	day.7.21	water	400	3.48	586694
rat	day.7.21	water	400	3.15	586697
rat	day.7.21	water	400	3.32	586697
rat	day.7.21	water	400	2.9	586697
rat	day.7.21	water	400	3.31	586697
rat	day.7.21	water	400	3.44	586697
rat	day.7.21	water	400	2.9	586697
rat	day.7.21	water	400	2.82	586697
rat	day.7.21	water	400	3.14	586697
rat	day.7.21	water	400	2.98	586697
rat	day.7.21	water	400	3.06	586697
rat	day.7.21	water	400	2.75	586697

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	400	2.96	586697
rat	day.7.21	water	400	2.65	586697
rat	day.7.21	water	400	3.5	586697
rat	day.7.21	water	400	2.89	586699
rat	day.7.21	water	400	3.57	586699
rat	day.7.21	water	400	3.45	586699
rat	day.7.21	water	400	3.2	586699
rat	day.7.21	water	400	3.4	586699
rat	day.7.21	water	400	3.67	586699
rat	day.7.21	water	400	3.6	586699
rat	day.7.21	water	400	2.68	586699
rat	day.7.21	water	400	3.28	586699
rat	day.7.21	water	400	3.36	586699
rat	day.7.21	water	400	3.24	586699
rat	day.7.21	water	400	3.47	586699
rat	day.7.21	water	400	3.38	586705
rat	day.7.21	water	400	3.11	586705
rat	day.7.21	water	400	3.76	586705
rat	day.7.21	water	400	3.59	586705
rat	day.7.21	water	400	3.75	586705
rat	day.7.21	water	400	3.48	586705
rat	day.7.21	water	400	2.96	586705
rat	day.7.21	water	400	3.46	586705
rat	day.7.21	water	400	3.33	586705
rat	day.7.21	water	400	4.04	586705
rat	day.7.21	water	400	3.1	586705
rat	day.7.21	water	400	2.72	586705
rat	day.7.21	water	400	3.83	586705
rat	day.7.21	water	400	3.63	586708
rat	day.7.21	water	400	2.41	586708
rat	day.7.21	water	400	3.27	586708
rat	day.7.21	water	400	2.54	586708
rat	day.7.21	water	400	3.49	586708
rat	day.7.21	water	400	3.21	586708
rat	day.7.21	water	400	3.02	586708
rat	day.7.21	water	400	2.88	586708
rat	day.7.21	water	400	2.73	586708
rat	day.7.21	water	400	3.06	586708
rat	day.7.21	water	400	3	586708
rat	day.7.21	water	400	2.74	586708
rat	day.7.21	water	400	2.29	586727
rat	day.7.21	water	400	3.18	586727
rat	day.7.21	water	400	3.34	586727
rat	day.7.21	water	400	2.64	586727
rat	day.7.21	water	400	3.47	586727

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	400	3.83	586727
rat	day.7.21	water	400	2.79	586727
rat	day.7.21	water	400	3.42	586727
rat	day.7.21	water	400	3.43	586727
rat	day.7.21	water	400	3.23	586727
rat	day.7.21	water	400	2.56	586727
rat	day.7.21	water	400	3.13	586730
rat	day.7.21	water	400	3.1	586730
rat	day.7.21	water	400	3.08	586730
rat	day.7.21	water	400	3.43	586730
rat	day.7.21	water	400	3.13	586730
rat	day.7.21	water	400	2.78	586730
rat	day.7.21	water	400	3.32	586730
rat	day.7.21	water	400	3	586730
rat	day.7.21	water	400	2.39	586730
rat	day.7.21	water	400	2.72	586730
rat	day.7.21	water	400	3.03	586730
rat	day.7.21	water	400	3.33	586730
rat	day.7.21	water	400	2.61	586735
rat	day.7.21	water	400	3.1	586735
rat	day.7.21	water	400	3.26	586735
rat	day.7.21	water	400	3.15	586735
rat	day.7.21	water	400	2.97	586735
rat	day.7.21	water	400	3.39	586735
rat	day.7.21	water	400	2.76	586735
rat	day.7.21	water	400	2.96	586735
rat	day.7.21	water	400	3.53	586735
rat	day.7.21	water	400	3.24	586735
rat	day.7.21	water	400	3.05	586735
rat	day.7.21	water	400	3.4	586735
rat	day.7.21	water	400	3	586736
rat	day.7.21	water	400	3.27	586736
rat	day.7.21	water	400	3.59	586736
rat	day.7.21	water	400	3.27	586736
rat	day.7.21	water	400	3.48	586736
rat	day.7.21	water	400	2.72	586736
rat	day.7.21	water	400	3.76	586736
rat	day.7.21	water	400	3.35	586736
rat	day.7.21	water	400	2.6	586736
rat	day.7.21	water	400	3.51	586742
rat	day.7.21	water	400	2.39	586742
rat	day.7.21	water	400	3.25	586742
rat	day.7.21	water	400	3.68	586742
rat	day.7.21	water	400	3.31	586742
rat	day.7.21	water	400	3.5	586742

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	400	3.48	586742
rat	day.7.21	water	400	3.08	586742
rat	day.7.21	water	400	3.38	586742
rat	day.7.21	water	400	3.25	586742
rat	day.7.21	water	400	3.7	586742
rat	day.7.21	water	400	3.74	586742
rat	day.7.21	water	400	3.31	586742
rat	day.7.21	water	400	3.43	586742
rat	day.7.21	water	400	3.67	586742
rat	day.7.21	water	400	3.19	586763
rat	day.7.21	water	400	3.43	586763
rat	day.7.21	water	400	2.93	586763
rat	day.7.21	water	400	3.65	586763
rat	day.7.21	water	400	3.84	586763
rat	day.7.21	water	400	3.77	586763
rat	day.7.21	water	400	3.17	586763
rat	day.7.21	water	400	3.14	586763
rat	day.7.21	water	400	4.02	586763
rat	day.7.21	water	400	3.33	586763
rat	day.7.21	water	400	3.9	586763
rat	day.7.21	water	400	3.42	586766
rat	day.7.21	water	400	2.89	586766
rat	day.7.21	water	400	3.09	586766
rat	day.7.21	water	400	3.39	586766
rat	day.7.21	water	400	3.39	586766
rat	day.7.21	water	400	3.74	586766
rat	day.7.21	water	400	2.77	586766
rat	day.7.21	water	400	3.45	586775
rat	day.7.21	water	400	3.89	586775
rat	day.7.21	water	400	4.09	586775
rat	day.7.21	water	400	3.85	586775
rat	day.7.21	water	400	3.26	586775
rat	day.7.21	water	400	4.01	586775
rat	day.7.21	water	400	3.81	586775
rat	day.7.21	water	400	3.68	586775
rat	day.7.21	water	400	3.52	586775
rat	day.7.21	water	400	3.79	586775
rat	day.7.21	water	400	3.74	586775
rat	day.7.21	water	400	3.46	586775
rat	day.7.21	water	400	3.65	586791
rat	day.7.21	water	400	3.48	586791
rat	day.7.21	water	400	2.95	586791
rat	day.7.21	water	400	3.76	586791
rat	day.7.21	water	400	2.9	586791
rat	day.7.21	water	400	3.42	586791

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	400	2.81	586791
rat	day.7.21	water	400	3.16	586791
rat	day.7.21	water	400	2.92	586791
rat	day.7.21	water	400	2.93	586791
rat	day.7.21	water	400	2.77	586791
rat	day.7.21	water	400	2.85	586791
rat	day.7.21	water	400	2.85	586791
rat	day.7.21	water	400	2.84	586804
rat	day.7.21	water	400	2.91	586804
rat	day.7.21	water	400	3.55	586804
rat	day.7.21	water	400	3.3	586804
rat	day.7.21	water	400	3.53	586804
rat	day.7.21	water	400	3.48	586804
rat	day.7.21	water	400	3.08	586804
rat	day.7.21	water	400	3.65	586804
rat	day.7.21	water	400	3.61	586804
rat	day.7.21	water	400	3.62	586804
rat	day.7.21	water	400	3.59	586804
rat	day.7.21	water	400	3.13	586806
rat	day.7.21	water	400	2.87	586806
rat	day.7.21	water	400	2.75	586806
rat	day.7.21	water	400	3.13	586806
rat	day.7.21	water	400	2.96	586806
rat	day.7.21	water	400	3	586823
rat	day.7.21	water	400	3.05	586823
rat	day.7.21	water	400	2.7	586823
rat	day.7.21	water	400	2.77	586823
rat	day.7.21	water	400	3.16	586823
rat	day.7.21	water	400	3.65	586823
rat	day.7.21	water	400	3.27	586823
rat	day.7.21	water	400	2.77	586823
rat	day.7.21	water	400	3.36	586827
rat	day.7.21	water	400	3.69	586827
rat	day.7.21	water	400	3.51	586827
rat	day.7.21	water	400	3.83	586827
rat	day.7.21	water	400	3.78	586827
rat	day.7.21	water	400	3.68	586827
rat	day.7.21	water	400	3.8	586827
rat	day.7.21	water	400	3.26	586827
rat	day.7.21	water	400	3.03	586827
rat	day.7.21	water	400	3.6	586827
rat	day.7.21	water	400	3.21	586827
rat	day.7.21	water	400	3.49	586827
rat	day.7.21	water	400	3.85	586827
rat	day.7.21	water	400	3.15	586827

Species	Exposure	Route	Dose (mg/kg bw/d)	Foetal body weight (g)	Dam number
rat	day.7.21	water	400	3.51	586827
rat	day.7.21	water	400	2.43	586832

Table 108: Individual data of foetal body weight from the study of BASF (2005)and BASF (2010). Exposure duration is gestation day 6 through 19 (day6.19) or 6 through 28 (day6.28). Exposure route is dermal

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
BASF (2005)	rat	day6.19	0	3.6	1
	rat	day6.19	0	4	1
	rat	day6.19	0	3.4	1
	rat	day6.19	0	3.3	1
	rat	day6.19	0	3.5	1
	rat	day6.19	0	3.8	1
	rat	day6.19	0	3.2	1
	rat	day6.19	0	3	1
	rat	day6.19	0	3.1	1
	rat	day6.19	0	3.1	1
	rat	day6.19	0	3.2	2
	rat	day6.19	0	4	2
	rat	day6.19	0	3.5	2
	rat	day6.19	0	3.7	2
	rat	day6.19	0	3.3	2
	rat	day6.19	0	3.2	2
	rat	day6.19	0	3.5	2
	rat	day6.19	0	3.7	2
	rat	day6.19	0	3.7	2
	rat	day6.19	0	3.4	4
	rat	day6.19	0	3.5	4
	rat	day6.19	0	3.6	4
	rat	day6.19	0	3	4
	rat	day6.19	0	3.3	4
	rat	day6.19	0	3.7	4
	rat	day6.19	0	3.6	4
	rat	day6.19	0	3.8	4
	rat	day6.19	0	4.1	4
	rat	day6.19	0	3.5	4
	rat	day6.19	0	3.4	5
	rat	day6.19	0	3.6	5
	rat	day6.19	0	3.7	5
	rat	day6.19	0	3.7	5
	rat	day6.19	0	3.8	5
	rat	day6.19	0	3.8	5
	rat	day6.19	0	3.9	5
	rat	day6.19	0	4.3	5
	rat	day6.19	0	3.8	5
BASF (2005)	rat	day6.19	0	3.7	6
	rat	day6.19	0	4	6
	rat	day6.19	0	3.9	6
	rat	day6.19	0	3	6

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	0	4	6
	rat	day6.19	0	3.8	6
	rat	day6.19	0	3.9	6
	rat	day6.19	0	4.1	6
	rat	day6.19	0	2.8	7
	rat	day6.19	0	3.4	7
	rat	day6.19	0	3.5	7
	rat	day6.19	0	3.8	7
	rat	day6.19	0	3.2	7
	rat	day6.19	0	3.8	7
	rat	day6.19	0	3.4	7
	rat	day6.19	0	3.5	7
	rat	day6.19	0	4	7
	rat	day6.19	0	3.6	7
	rat	day6.19	0	3.8	7
	rat	day6.19	0	3.2	8
	rat	day6.19	0	3.6	8
	rat	day6.19	0	3.2	8
	rat	day6.19	0	3.3	8
	rat	day6.19	0	3.8	8
	rat	day6.19	0	3.7	8
	rat	day6.19	0	3.6	8
	rat	day6.19	0	3.8	8
	rat	day6.19	0	3.7	8
	rat	day6.19	0	3.2	9
	rat	day6.19	0	3.6	9
	rat	day6.19	0	3.2	9
	rat	day6.19	0	3.3	9
	rat	day6.19	0	3.8	9
	rat	day6.19	0	3.7	9
	rat	day6.19	0	3.6	9
	rat	day6.19	0	3.8	9
	rat	day6.19	0	3.7	9
	rat	day6.19	0	3.4	10
	rat	day6.19	0	4	10
	rat	day6.19	0	3.8	10
	rat	day6.19	0	3.7	10
	rat	day6.19	0	3.3	10
	rat	day6.19	0	3.1	10
	rat	day6.19	0	3.6	10
BASF (2005)	rat	day6.19	0	3.9	10
	rat	day6.19	0	3.5	10
	rat	day6.19	0	3.5	11
	rat	day6.19	0	2.7	11

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	0	3.1	11
	rat	day6.19	0	3.3	11
	rat	day6.19	0	3.3	11
	rat	day6.19	0	3.4	11
	rat	day6.19	0	3.3	11
	rat	day6.19	0	3.2	11
	rat	day6.19	0	4	12
	rat	day6.19	0	3.9	12
	rat	day6.19	0	3.5	12
	rat	day6.19	0	3.7	12
	rat	day6.19	0	3.6	12
	rat	day6.19	0	3.6	12
	rat	day6.19	0	3.7	12
	rat	day6.19	0	3.9	12
	rat	day6.19	0	3.7	12
	rat	day6.19	0	3.8	12
	rat	day6.19	0	3.3	13
	rat	day6.19	0	3.6	13
	rat	day6.19	0	3.1	13
	rat	day6.19	0	3.5	13
	rat	day6.19	0	3.7	13
	rat	day6.19	0	3.3	13
	rat	day6.19	0	3.4	13
	rat	day6.19	0	3.5	13
	rat	day6.19	0	3.5	13
	rat	day6.19	0	3.5	14
	rat	day6.19	0	3.3	14
	rat	day6.19	0	3.6	14
	rat	day6.19	0	3.5	14
	rat	day6.19	0	3.6	14
	rat	day6.19	0	3.6	14
	rat	day6.19	0	3.7	14
	rat	day6.19	0	3.3	15
	rat	day6.19	0	3.1	15
	rat	day6.19	0	3.6	15
	rat	day6.19	0	3.5	15
	rat	day6.19	0	3.5	15
	rat	day6.19	0	3.7	15
	rat	day6.19	0	3.2	15
	rat	day6.19	0	4	15
BASF (2005)	rat	day6.19	0	3.6	15
	rat	day6.19	0	3.4	16
	rat	day6.19	0	3.6	16
	rat	day6.19	0	3.9	16

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	0	4.1	16
	rat	day6.19	0	4.1	16
	rat	day6.19	0	4.2	16
	rat	day6.19	0	3.6	16
	rat	day6.19	0	3.7	16
	rat	day6.19	0	3	17
	rat	day6.19	0	3.4	17
	rat	day6.19	0	3.5	17
	rat	day6.19	0	3.3	17
	rat	day6.19	0	3.4	17
	rat	day6.19	0	3.6	17
	rat	day6.19	0	3.4	17
	rat	day6.19	0	3.2	17
	rat	day6.19	0	3.3	17
	rat	day6.19	0	3.2	18
	rat	day6.19	0	3.1	18
	rat	day6.19	0	3.6	18
	rat	day6.19	0	3.7	18
	rat	day6.19	0	3.6	18
	rat	day6.19	0	3.5	18
	rat	day6.19	0	3.3	18
	rat	day6.19	0	3.5	19
	rat	day6.19	0	3.8	19
	rat	day6.19	0	3.6	19
	rat	day6.19	0	3.8	19
	rat	day6.19	0	3.8	19
	rat	day6.19	0	3.8	19
	rat	day6.19	0	3.6	19
	rat	day6.19	0	3.5	19
	rat	day6.19	0	3.7	20
	rat	day6.19	0	3.9	20
	rat	day6.19	0	3.3	20
	rat	day6.19	0	3	20
	rat	day6.19	0	3.8	21
	rat	day6.19	0	3.4	21
	rat	day6.19	0	3.4	21
	rat	day6.19	0	3.3	21
	rat	day6.19	0	3	21
	rat	day6.19	0	3.1	22
	rat	day6.19	0	3.3	22
BASF (2005)	rat	day6.19	0	3.2	22
	rat	day6.19	0	3.4	22
	rat	day6.19	0	3.6	22
	rat	day6.19	0	3.1	22

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	0	3.8	22
	rat	day6.19	0	3.2	22
	rat	day6.19	0	3.5	22
	rat	day6.19	0	3.3	23
	rat	day6.19	0	3.8	23
	rat	day6.19	0	3.2	23
	rat	day6.19	0	3.5	23
	rat	day6.19	0	3.6	23
	rat	day6.19	0	3.9	23
	rat	day6.19	0	3.3	23
	rat	day6.19	0	3.4	23
	rat	day6.19	0	3.1	23
	rat	day6.19	0	3.8	24
	rat	day6.19	0	3.9	24
	rat	day6.19	0	3.3	25
	rat	day6.19	0	3.3	25
	rat	day6.19	0	3.5	25
	rat	day6.19	0	3.6	25
	rat	day6.19	0	3.4	25
	rat	day6.19	0	3.2	25
	rat	day6.19	0	3.4	25
	rat	day6.19	0	3.6	25
	rat	day6.19	0	3.6	25
	rat	day6.19	200	3.9	26
	rat	day6.19	200	3.6	26
	rat	day6.19	200	4.1	26
	rat	day6.19	200	3.6	26
	rat	day6.19	200	3.7	26
	rat	day6.19	200	3.8	26
	rat	day6.19	200	3.9	26
	rat	day6.19	200	3.7	28
	rat	day6.19	200	3.8	28
	rat	day6.19	200	3.7	28
	rat	day6.19	200	3.9	28
	rat	day6.19	200	4	28
	rat	day6.19	200	4.6	28
	rat	day6.19	200	4.1	28
	rat	day6.19	200	4.4	28
	rat	day6.19	200	3.7	28
	rat	day6.19	200	4.3	28
BASF (2005)	rat	day6.19	200	2.9	29
	rat	day6.19	200	3.4	29
	rat	day6.19	200	3.1	29
	rat	day6.19	200	2.8	29

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	200	3	29
	rat	day6.19	200	2.9	29
	rat	day6.19	200	3.3	29
	rat	day6.19	200	3.3	29
	rat	day6.19	200	3.1	29
	rat	day6.19	200	3	29
	rat	day6.19	200	3.2	30
	rat	day6.19	200	3.6	30
	rat	day6.19	200	3.9	30
	rat	day6.19	200	3.2	30
	rat	day6.19	200	3.5	30
	rat	day6.19	200	3.9	30
	rat	day6.19	200	3.7	30
	rat	day6.19	200	3.5	30
	rat	day6.19	200	3.6	31
	rat	day6.19	200	3.6	31
	rat	day6.19	200	3.7	31
	rat	day6.19	200	3.8	31
	rat	day6.19	200	3.6	31
	rat	day6.19	200	3.7	31
	rat	day6.19	200	3.3	31
	rat	day6.19	200	3.3	31
	rat	day6.19	200	4.1	32
	rat	day6.19	200	3.9	32
	rat	day6.19	200	3.6	32
	rat	day6.19	200	3.4	32
	rat	day6.19	200	3.6	32
	rat	day6.19	200	3.5	32
	rat	day6.19	200	4	32
	rat	day6.19	200	3.6	32
	rat	day6.19	200	3.7	32
	rat	day6.19	200	3.5	33
	rat	day6.19	200	3.7	33
	rat	day6.19	200	4	33
	rat	day6.19	200	3.9	33
	rat	day6.19	200	3.5	33
	rat	day6.19	200	3.9	33
	rat	day6.19	200	3.9	33
	rat	day6.19	200	3.6	33
	rat	day6.19	200	3.5	33
BASF (2005)	rat	day6.19	200	3.7	33
	rat	day6.19	200	3.6	34
	rat	day6.19	200	3.4	34
	rat	day6.19	200	3.4	34

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	200	3.9	34
	rat	day6.19	200	4.1	34
	rat	day6.19	200	2.7	34
	rat	day6.19	200	3.6	34
	rat	day6.19	200	3.5	34
	rat	day6.19	200	3.6	34
	rat	day6.19	200	3.8	35
	rat	day6.19	200	3.6	35
	rat	day6.19	200	3.5	35
	rat	day6.19	200	3.8	35
	rat	day6.19	200	3.5	35
	rat	day6.19	200	3.4	35
	rat	day6.19	200	3.8	35
	rat	day6.19	200	3.5	35
	rat	day6.19	200	3.6	35
	rat	day6.19	200	3.5	36
	rat	day6.19	200	3.6	36
	rat	day6.19	200	2.8	36
	rat	day6.19	200	3.2	36
	rat	day6.19	200	3.5	36
	rat	day6.19	200	3.2	36
	rat	day6.19	200	3.9	37
	rat	day6.19	200	3.6	37
	rat	day6.19	200	3.5	37
	rat	day6.19	200	3.6	37
	rat	day6.19	200	3.6	37
	rat	day6.19	200	3.5	37
	rat	day6.19	200	3.6	37
	rat	day6.19	200	3.1	37
	rat	day6.19	200	3.2	38
	rat	day6.19	200	3.3	38
	rat	day6.19	200	2.7	38
	rat	day6.19	200	3.4	38
	rat	day6.19	200	3.6	38
	rat	day6.19	200	3.5	38
	rat	day6.19	200	3.5	38
	rat	day6.19	200	3.7	38
	rat	day6.19	200	3.4	38
	rat	day6.19	200	3.1	39
	rat	day6.19	200	3.6	39
BASF (2005)	rat	day6.19	200	3.5	39
	rat	day6.19	200	2.7	39
	rat	day6.19	200	3.2	39
	rat	day6.19	200	3.4	39

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	200	3.5	39
	rat	day6.19	200	3.5	39
	rat	day6.19	200	3.4	39
	rat	day6.19	200	3.3	39
	rat	day6.19	200	3.4	39
	rat	day6.19	200	2.3	39
	rat	day6.19	200	3.3	39
	rat	day6.19	200	3.9	40
	rat	day6.19	200	3.9	40
	rat	day6.19	200	3.9	40
	rat	day6.19	200	2.8	40
	rat	day6.19	200	3.6	40
	rat	day6.19	200	2.8	40
	rat	day6.19	200	3.7	40
	rat	day6.19	200	3.1	41
	rat	day6.19	200	3.8	41
	rat	day6.19	200	2.9	41
	rat	day6.19	200	3	41
	rat	day6.19	200	3.3	41
	rat	day6.19	200	3.3	41
	rat	day6.19	200	2.2	41
	rat	day6.19	200	3	41
	rat	day6.19	200	3.4	42
	rat	day6.19	200	3.4	42
	rat	day6.19	200	3.5	42
	rat	day6.19	200	3.4	42
	rat	day6.19	200	3.4	42
	rat	day6.19	200	3.5	42
	rat	day6.19	200	3.4	42
	rat	day6.19	200	3.2	42
	rat	day6.19	200	3.1	42
	rat	day6.19	200	3.7	42
	rat	day6.19	200	3.7	42
	rat	day6.19	200	3.1	44
	rat	day6.19	200	3.8	44
	rat	day6.19	200	3.3	44
	rat	day6.19	200	4	44
	rat	day6.19	200	3.8	44
	rat	day6.19	200	3.7	44
	rat	day6.19	200	2.6	44
BASF (2005)	rat	day6.19	200	3.4	44
	rat	day6.19	200	3.3	44
	rat	day6.19	200	2.8	45
	rat	day6.19	200	3.3	45

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	200	3.1	45
	rat	day6.19	200	3.3	45
	rat	day6.19	200	2.9	45
	rat	day6.19	200	3.3	45
	rat	day6.19	200	3.2	45
	rat	day6.19	200	3.1	45
	rat	day6.19	200	3.3	45
	rat	day6.19	200	3	46
	rat	day6.19	200	2.5	46
	rat	day6.19	200	3.3	46
	rat	day6.19	200	2.7	46
	rat	day6.19	200	3.3	46
	rat	day6.19	200	3.5	46
	rat	day6.19	200	3	46
	rat	day6.19	200	3.2	46
	rat	day6.19	200	3	46
	rat	day6.19	200	3.5	46
	rat	day6.19	200	3.3	46
	rat	day6.19	200	3.2	47
	rat	day6.19	200	3.5	47
	rat	day6.19	200	3.3	47
	rat	day6.19	200	3.3	47
	rat	day6.19	200	3.7	47
	rat	day6.19	200	3.4	47
	rat	day6.19	200	3.3	47
	rat	day6.19	200	3.2	47
	rat	day6.19	200	3.6	47
	rat	day6.19	200	2.7	47
	rat	day6.19	200	3.4	48
	rat	day6.19	200	3.4	48
	rat	day6.19	200	3.3	48
	rat	day6.19	200	3.4	48
	rat	day6.19	200	3.1	48
	rat	day6.19	200	3.6	48
	rat	day6.19	200	3.3	48
	rat	day6.19	200	3.4	48
	rat	day6.19	200	2.9	48
	rat	day6.19	200	3.2	49
	rat	day6.19	200	3.6	49
	rat	day6.19	200	3.7	49
BASF (2005)	rat	day6.19	200	3.2	49
	rat	day6.19	200	3.3	49
	rat	day6.19	200	2.8	49
	rat	day6.19	200	3.6	49

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	200	3.1	49
	rat	day6.19	200	3.6	49
	rat	day6.19	200	3.4	49
	rat	day6.19	200	3.8	50
	rat	day6.19	200	3.6	50
	rat	day6.19	200	3.4	50
	rat	day6.19	200	3.2	50
	rat	day6.19	200	3.8	50
	rat	day6.19	200	3.5	50
	rat	day6.19	200	2.8	50
	rat	day6.19	200	3.3	50
	rat	day6.19	200	3.1	50
	rat	day6.19	200	3.4	50
	rat	day6.19	400	3.7	51
	rat	day6.19	400	4	51
	rat	day6.19	400	4	51
	rat	day6.19	400	3.9	51
	rat	day6.19	400	3.9	51
	rat	day6.19	400	3.8	51
	rat	day6.19	400	4	51
	rat	day6.19	400	3.8	51
	rat	day6.19	400	2.7	52
	rat	day6.19	400	3.1	52
	rat	day6.19	400	3.3	52
	rat	day6.19	400	3	52
	rat	day6.19	400	2.3	52
	rat	day6.19	400	3	52
	rat	day6.19	400	3.3	52
	rat	day6.19	400	3.2	52
	rat	day6.19	400	3.2	52
	rat	day6.19	400	3.1	53
	rat	day6.19	400	3.6	53
	rat	day6.19	400	3.5	53
	rat	day6.19	400	3.4	53
	rat	day6.19	400	3.3	53
	rat	day6.19	400	3	53
	rat	day6.19	400	3.4	53
	rat	day6.19	400	2.8	53
	rat	day6.19	400	3.2	53
	rat	day6.19	400	3.3	55
BASF (2005)	rat	day6.19	400	3	55
	rat	day6.19	400	3.4	55
	rat	day6.19	400	3.7	55
	rat	day6.19	400	3.4	55

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	400	3.3	55
	rat	day6.19	400	3	55
	rat	day6.19	400	3.2	55
	rat	day6.19	400	3.5	55
	rat	day6.19	400	3.3	55
	rat	day6.19	400	3	56
	rat	day6.19	400	3.7	56
	rat	day6.19	400	3.5	56
	rat	day6.19	400	3.7	56
	rat	day6.19	400	3.2	56
	rat	day6.19	400	3.3	56
	rat	day6.19	400	3.9	56
	rat	day6.19	400	3.5	56
	rat	day6.19	400	3.5	56
	rat	day6.19	400	2.5	57
	rat	day6.19	400	3.6	57
	rat	day6.19	400	3.4	57
	rat	day6.19	400	3.4	57
	rat	day6.19	400	3.6	57
	rat	day6.19	400	3.1	57
	rat	day6.19	400	3.1	57
	rat	day6.19	400	2.8	57
	rat	day6.19	400	3.2	57
	rat	day6.19	400	3.6	57
	rat	day6.19	400	3.4	57
	rat	day6.19	400	3.4	57
	rat	day6.19	400	3.3	59
	rat	day6.19	400	3.7	59
	rat	day6.19	400	3.6	59
	rat	day6.19	400	3.6	59
	rat	day6.19	400	3.4	59
	rat	day6.19	400	3.1	59
	rat	day6.19	400	3.3	59
	rat	day6.19	400	3.4	59
	rat	day6.19	400	3.3	59
	rat	day6.19	400	3.2	59
	rat	day6.19	400	3.4	59
	rat	day6.19	400	2.8	60
	rat	day6.19	400	3.3	60
	rat	day6.19	400	3.3	60
BASF (2005)	rat	day6.19	400	3.2	60
	rat	day6.19	400	3	60
	rat	day6.19	400	3.6	60
	rat	day6.19	400	2.9	60

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	400	3.2	60
	rat	day6.19	400	3.2	60
	rat	day6.19	400	3.1	60
	rat	day6.19	400	3.6	61
	rat	day6.19	400	3.6	61
	rat	day6.19	400	3.8	61
	rat	day6.19	400	3.4	61
	rat	day6.19	400	2.6	61
	rat	day6.19	400	3.8	61
	rat	day6.19	400	3.9	61
	rat	day6.19	400	4.2	61
	rat	day6.19	400	3.4	61
	rat	day6.19	400	3.6	62
	rat	day6.19	400	3.7	62
	rat	day6.19	400	3.3	62
	rat	day6.19	400	3.7	62
	rat	day6.19	400	3.5	62
	rat	day6.19	400	3.5	62
	rat	day6.19	400	3.4	62
	rat	day6.19	400	1.7	63
	rat	day6.19	400	3.7	63
	rat	day6.19	400	3.6	63
	rat	day6.19	400	3.5	63
	rat	day6.19	400	3.6	63
	rat	day6.19	400	3.6	63
	rat	day6.19	400	3.6	63
	rat	day6.19	400	3.3	63
	rat	day6.19	400	3.7	63
	rat	day6.19	400	3.3	64
	rat	day6.19	400	3.2	64
	rat	day6.19	400	3	64
	rat	day6.19	400	3.2	64
	rat	day6.19	400	3.5	64
	rat	day6.19	400	3.4	64
	rat	day6.19	400	3.3	64
	rat	day6.19	400	3.5	64
	rat	day6.19	400	3.4	65
	rat	day6.19	400	3.7	65
	rat	day6.19	400	3.4	65
	rat	day6.19	400	3.6	65
BASF (2005)	rat	day6.19	400	2.2	65
	rat	day6.19	400	3.6	65
	rat	day6.19	400	4	65
	rat	day6.19	400	3.5	66

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	400	3.3	66
	rat	day6.19	400	3.3	66
	rat	day6.19	400	3.8	66
	rat	day6.19	400	3.9	66
	rat	day6.19	400	3.1	66
	rat	day6.19	400	3.2	66
	rat	day6.19	400	2.4	66
	rat	day6.19	400	3.6	67
	rat	day6.19	400	3.8	67
	rat	day6.19	400	3.5	67
	rat	day6.19	400	3.5	67
	rat	day6.19	400	4	67
	rat	day6.19	400	3.7	67
	rat	day6.19	400	2.8	67
	rat	day6.19	400	3.6	67
	rat	day6.19	400	3.2	67
	rat	day6.19	400	3.5	68
	rat	day6.19	400	3.3	70
	rat	day6.19	400	3.3	70
	rat	day6.19	400	3.5	70
	rat	day6.19	400	3.2	70
	rat	day6.19	400	3.6	70
	rat	day6.19	400	3.2	70
	rat	day6.19	400	3.3	70
	rat	day6.19	400	3.1	70
	rat	day6.19	400	3.3	70
	rat	day6.19	400	3.5	70
	rat	day6.19	400	3	71
	rat	day6.19	400	3.1	71
	rat	day6.19	400	3.2	71
	rat	day6.19	400	3.2	71
	rat	day6.19	400	2.9	71
	rat	day6.19	400	3.4	71
	rat	day6.19	400	3	71
	rat	day6.19	400	3.3	71
	rat	day6.19	400	3.3	71
	rat	day6.19	400	3.1	71
	rat	day6.19	400	3.4	71
	rat	day6.19	400	3.2	72
	rat	day6.19	400	3.4	72
BASF (2005)	rat	day6.19	400	3.1	72
	rat	day6.19	400	3.5	72
	rat	day6.19	400	3.5	73
	rat	day6.19	400	3.6	73

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	400	3.7	73
	rat	day6.19	400	3.6	73
	rat	day6.19	400	3.7	73
	rat	day6.19	400	3.7	73
	rat	day6.19	400	3.7	73
	rat	day6.19	400	3.4	73
	rat	day6.19	400	3.5	75
	rat	day6.19	400	4	75
	rat	day6.19	400	3.9	75
	rat	day6.19	400	3.4	75
	rat	day6.19	400	3.6	75
	rat	day6.19	400	3.8	75
	rat	day6.19	400	3.4	75
	rat	day6.19	400	3.9	75
	rat	day6.19	400	3.5	75
	rat	day6.19	400	3.3	75
	rat	day6.19	800	3.6	76
	rat	day6.19	800	3.5	76
	rat	day6.19	800	3.7	76
	rat	day6.19	800	3.5	76
	rat	day6.19	800	3.5	76
	rat	day6.19	800	3.2	76
	rat	day6.19	800	3.2	76
	rat	day6.19	800	3.2	76
	rat	day6.19	800	2.8	78
	rat	day6.19	800	3.1	78
	rat	day6.19	800	3	78
	rat	day6.19	800	3.1	78
	rat	day6.19	800	3	78
	rat	day6.19	800	3	78
	rat	day6.19	800	2.5	78
	rat	day6.19	800	3.1	78
	rat	day6.19	800	2.9	78
	rat	day6.19	800	2.7	79
	rat	day6.19	800	3.3	79
	rat	day6.19	800	3.2	79
	rat	day6.19	800	3.4	79
	rat	day6.19	800	3	79
	rat	day6.19	800	2.9	79
	rat	day6.19	800	3	79
BASF (2005)	rat	day6.19	800	3.5	79
	rat	day6.19	800	3.1	79
	rat	day6.19	800	3.3	79
	rat	day6.19	800	3.1	79

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	800	3	80
	rat	day6.19	800	3	80
	rat	day6.19	800	3.1	80
	rat	day6.19	800	3	80
	rat	day6.19	800	3.3	80
	rat	day6.19	800	2.8	80
	rat	day6.19	800	3.2	80
	rat	day6.19	800	3	80
	rat	day6.19	800	2.4	81
	rat	day6.19	800	2.4	81
	rat	day6.19	800	2.5	81
	rat	day6.19	800	2.7	81
	rat	day6.19	800	2.9	81
	rat	day6.19	800	3.1	81
	rat	day6.19	800	2.8	81
	rat	day6.19	800	2.9	81
	rat	day6.19	800	3	81
	rat	day6.19	800	2.9	81
	rat	day6.19	800	3.1	82
	rat	day6.19	800	2.9	82
	rat	day6.19	800	2.9	82
	rat	day6.19	800	2.9	82
	rat	day6.19	800	2.9	82
	rat	day6.19	800	3.3	82
	rat	day6.19	800	3.3	82
	rat	day6.19	800	3.3	83
	rat	day6.19	800	3.3	83
	rat	day6.19	800	3.2	83
	rat	day6.19	800	3.4	83
	rat	day6.19	800	3.1	83
	rat	day6.19	800	2.9	83
	rat	day6.19	800	3.1	83
	rat	day6.19	800	3.1	83
	rat	day6.19	800	3.2	84
	rat	day6.19	800	3.4	84
	rat	day6.19	800	3.1	84
	rat	day6.19	800	3.1	84
	rat	day6.19	800	3.3	84
	rat	day6.19	800	3.1	84
	rat	day6.19	800	3.4	84
BASF (2005)	rat	day6.19	800	3	84
	rat	day6.19	800	3.3	84
	rat	day6.19	800	2.8	84
	rat	day6.19	800	2.8	85

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	800	2.9	85
	rat	day6.19	800	2.9	85
	rat	day6.19	800	2.6	85
	rat	day6.19	800	2.6	85
	rat	day6.19	800	3.1	85
	rat	day6.19	800	2.9	85
	rat	day6.19	800	3.1	85
	rat	day6.19	800	2.9	85
	rat	day6.19	800	3.1	85
	rat	day6.19	800	2.9	85
	rat	day6.19	800	3	86
	rat	day6.19	800	2.8	86
	rat	day6.19	800	2.4	86
	rat	day6.19	800	2.7	86
	rat	day6.19	800	2.5	86
	rat	day6.19	800	2.9	86
	rat	day6.19	800	3.1	86
	rat	day6.19	800	3.1	86
	rat	day6.19	800	2.5	86
	rat	day6.19	800	2.5	87
	rat	day6.19	800	3.1	87
	rat	day6.19	800	2.8	87
	rat	day6.19	800	2.8	87
	rat	day6.19	800	3	87
	rat	day6.19	800	3.1	87
	rat	day6.19	800	2.8	87
	rat	day6.19	800	2.8	87
	rat	day6.19	800	2.7	87
	rat	day6.19	800	2.8	88
	rat	day6.19	800	3	88
	rat	day6.19	800	2.7	88
	rat	day6.19	800	2.8	88
	rat	day6.19	800	3	88
	rat	day6.19	800	2.9	88
	rat	day6.19	800	3.4	88
	rat	day6.19	800	2.7	88
	rat	day6.19	800	3	88
	rat	day6.19	800	2.8	89
	rat	day6.19	800	3.2	89
	rat	day6.19	800	3.3	89
BASF (2005)	rat	day6.19	800	3.2	89
	rat	day6.19	800	3.3	89
	rat	day6.19	800	3.3	89
	rat	day6.19	800	2.3	89

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	800	3.7	89
	rat	day6.19	800	3.3	89
	rat	day6.19	800	3	92
	rat	day6.19	800	3.2	92
	rat	day6.19	800	3.5	92
	rat	day6.19	800	3.3	92
	rat	day6.19	800	3.4	92
	rat	day6.19	800	3.1	92
	rat	day6.19	800	3.5	92
	rat	day6.19	800	3.2	93
	rat	day6.19	800	3.7	93
	rat	day6.19	800	3.3	93
	rat	day6.19	800	3.2	93
	rat	day6.19	800	3.6	93
	rat	day6.19	800	3.3	93
	rat	day6.19	800	3.6	93
	rat	day6.19	800	3.3	93
	rat	day6.19	800	3.7	93
	rat	day6.19	800	3.6	93
	rat	day6.19	800	3.2	94
	rat	day6.19	800	3.3	94
	rat	day6.19	800	2.9	94
	rat	day6.19	800	2.9	94
	rat	day6.19	800	3.3	94
	rat	day6.19	800	3.1	94
	rat	day6.19	800	2.9	95
	rat	day6.19	800	3	95
	rat	day6.19	800	3	95
	rat	day6.19	800	2.8	95
	rat	day6.19	800	2.8	95
	rat	day6.19	800	2.9	95
	rat	day6.19	800	2.7	95
	rat	day6.19	800	2.9	95
	rat	day6.19	800	2.8	95
	rat	day6.19	800	2.8	95
	rat	day6.19	800	2.6	96
	rat	day6.19	800	3	96
	rat	day6.19	800	3.2	96
	rat	day6.19	800	3.2	96
	rat	day6.19	800	3.1	96
BASF (2005)	rat	day6.19	800	3.2	96
	rat	day6.19	800	2.9	96
	rat	day6.19	800	3.1	96
	rat	day6.19	800	3	96

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.19	800	2.7	96
	rat	day6.19	800	3.8	97
	rat	day6.19	800	3.3	97
	rat	day6.19	800	3	97
	rat	day6.19	800	3.1	97
	rat	day6.19	800	3.1	97
	rat	day6.19	800	2.8	97
	rat	day6.19	800	2.7	97
	rat	day6.19	800	3.1	99
	rat	day6.19	800	3.5	99
	rat	day6.19	800	3	99
	rat	day6.19	800	3.2	99
	rat	day6.19	800	3.4	99
	rat	day6.19	800	3.6	99
	rat	day6.19	800	3.5	99
	rat	day6.19	800	3.4	99
	rat	day6.19	800	3.1	99
	rat	day6.19	800	3.3	100
	rat	day6.19	800	3.1	100
	rat	day6.19	800	3.2	100
	rat	day6.19	800	3.3	100
	rat	day6.19	800	2.8	100
	rat	day6.19	800	3	100
	rat	day6.19	800	3.4	100
	rat	day6.19	800	3.1	100
	rat	day6.19	800	3	100
	rat	day6.19	800	2.3	100
	rat	day6.19	800	3	100
	rat	day6.19	800	3.3	100
BASF (2010)	rat	day6.28	0	39.8	1
	rat	day6.28	0	39	1
	rat	day6.28	0	NA	1
	rat	day6.28	0	37.5	1
	rat	day6.28	0	NA	1
	rat	day6.28	0	40.9	1
	rat	day6.28	0	39	1
	rat	day6.28	0	35	1
	rat	day6.28	0	39.2	1
	rat	day6.28	0	41.5	2
	rat	day6.28	0	NA	2
BASF (2010)	rat	day6.28	0	41.8	2
	rat	day6.28	0	NA	2
	rat	day6.28	0	39.8	2
	rat	day6.28	0	42.3	2

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	0	40.3	2
	rat	day6.28	0	NA	2
	rat	day6.28	0	42	3
	rat	day6.28	0	39.8	3
	rat	day6.28	0	35.6	3
	rat	day6.28	0	36.1	3
	rat	day6.28	0	39.3	3
	rat	day6.28	0	33.8	3
	rat	day6.28	0	41.8	3
	rat	day6.28	0	39.1	3
	rat	day6.28	0	44.2	3
	rat	day6.28	0	43.9	4
	rat	day6.28	0	42.4	4
	rat	day6.28	0	41.3	4
	rat	day6.28	0	42.1	4
	rat	day6.28	0	42.8	4
	rat	day6.28	0	42.4	4
	rat	day6.28	0	40.9	5
	rat	day6.28	0	43.9	5
	rat	day6.28	0	40.2	5
	rat	day6.28	0	44.1	5
	rat	day6.28	0	43.8	5
	rat	day6.28	0	41.1	6
	rat	day6.28	0	38	6
	rat	day6.28	0	37.9	6
	rat	day6.28	0	NA	6
	rat	day6.28	0	42.6	6
	rat	day6.28	0	42.9	6
	rat	day6.28	0	40.7	7
	rat	day6.28	0	39.2	7
	rat	day6.28	0	38.1	7
	rat	day6.28	0	38	8
	rat	day6.28	0	35.9	8
	rat	day6.28	0	23.9	8
	rat	day6.28	0	35.5	8
	rat	day6.28	0	37	8
	rat	day6.28	0	33.2	8
	rat	day6.28	0	35.8	8
	rat	day6.28	0	35.3	8
	rat	day6.28	0	44	9
BASF (2010)	rat	day6.28	0	44.2	9
	rat	day6.28	0	NA	9
	rat	day6.28	0	37	9
	rat	day6.28	0	42.9	10

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	0	44.3	10
	rat	day6.28	0	42.7	10
	rat	day6.28	0	35.5	10
	rat	day6.28	0	39.6	10
	rat	day6.28	0	37.9	10
	rat	day6.28	0	31.8	10
	rat	day6.28	0	39	10
	rat	day6.28	0	39	11
	rat	day6.28	0	40.6	11
	rat	day6.28	0	37.7	11
	rat	day6.28	0	34.4	11
	rat	day6.28	0	32.5	11
	rat	day6.28	0	33.4	11
	rat	day6.28	0	37.6	11
	rat	day6.28	0	38.7	11
	rat	day6.28	0	NA	12
	rat	day6.28	0	42.2	12
	rat	day6.28	0	39.4	12
	rat	day6.28	0	40	12
	rat	day6.28	0	36.5	12
	rat	day6.28	0	41.1	12
	rat	day6.28	0	37.3	12
	rat	day6.28	0	38.4	13
	rat	day6.28	0	38.2	13
	rat	day6.28	0	NA	13
	rat	day6.28	0	42.3	13
	rat	day6.28	0	42	13
	rat	day6.28	0	36.7	13
	rat	day6.28	0	40	14
	rat	day6.28	0	40	14
	rat	day6.28	0	37.1	14
	rat	day6.28	0	38.4	14
	rat	day6.28	0	39.2	14
	rat	day6.28	0	32.8	14
	rat	day6.28	0	33.6	14
	rat	day6.28	0	38.5	14
	rat	day6.28	0	39.1	14
	rat	day6.28	0	39.4	14
	rat	day6.28	0	NA	15
	rat	day6.28	0	39.7	16
BASF (2010)	rat	day6.28	0	39.2	16
	rat	day6.28	0	29.6	16
	rat	day6.28	0	35.6	16
	rat	day6.28	0	39	16

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	0	39.4	16
	rat	day6.28	0	39	16
	rat	day6.28	0	39.4	16
	rat	day6.28	0	33.3	16
	rat	day6.28	0	39.1	17
	rat	day6.28	0	38.9	17
	rat	day6.28	0	39.4	17
	rat	day6.28	0	39.5	17
	rat	day6.28	0	27.8	17
	rat	day6.28	0	39.8	17
	rat	day6.28	0	37.5	17
	rat	day6.28	0	44.4	18
	rat	day6.28	0	42	18
	rat	day6.28	0	44.2	18
	rat	day6.28	0	46.2	18
	rat	day6.28	0	42.9	18
	rat	day6.28	0	41.7	18
	rat	day6.28	0	38.4	19
	rat	day6.28	0	35.9	19
	rat	day6.28	0	34.3	19
	rat	day6.28	0	37.5	19
	rat	day6.28	0	33.9	19
	rat	day6.28	0	37.7	19
	rat	day6.28	0	37	19
	rat	day6.28	0	35.3	19
	rat	day6.28	0	38.4	20
	rat	day6.28	0	37.9	20
	rat	day6.28	0	37.1	20
	rat	day6.28	0	35.4	20
	rat	day6.28	0	36.2	20
	rat	day6.28	0	42	20
	rat	day6.28	0	40.7	20
	rat	day6.28	0	37	20
	rat	day6.28	0	41.1	21
	rat	day6.28	0	42.9	21
	rat	day6.28	0	43	21
	rat	day6.28	0	40.8	21
	rat	day6.28	0	43.5	21
	rat	day6.28	0	45.3	21
	rat	day6.28	0	38.4	22
BASF (2010)	rat	day6.28	0	37.1	22
	rat	day6.28	0	35.3	22
	rat	day6.28	0	34.4	22
	rat	day6.28	0	29.1	22

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	0	33.2	22
	rat	day6.28	0	33.4	22
	rat	day6.28	0	37.2	22
	rat	day6.28	0	NA	23
	rat	day6.28	0	42.1	24
	rat	day6.28	0	38.4	24
	rat	day6.28	0	35.5	24
	rat	day6.28	0	36	24
	rat	day6.28	0	37.5	24
	rat	day6.28	0	39.6	24
	rat	day6.28	0	41.3	25
	rat	day6.28	0	39.1	25
	rat	day6.28	0	38.8	25
	rat	day6.28	0	38.3	25
	rat	day6.28	0	37.4	25
	rat	day6.28	0	36	25
	rat	day6.28	0	42.7	25
	rat	day6.28	0	39.8	25
	rat	day6.28	0	39.1	25
	rat	day6.28	100	39.3	26
	rat	day6.28	100	NA	26
	rat	day6.28	100	42.9	26
	rat	day6.28	100	34.3	26
	rat	day6.28	100	41	26
	rat	day6.28	100	41.9	26
	rat	day6.28	100	NA	27
	rat	day6.28	100	36.8	28
	rat	day6.28	100	NA	28
	rat	day6.28	100	36	28
	rat	day6.28	100	32.2	28
	rat	day6.28	100	36.7	28
	rat	day6.28	100	35	28
	rat	day6.28	100	35.8	28
	rat	day6.28	100	36.6	28
	rat	day6.28	100	33.6	29
	rat	day6.28	100	31.8	29
	rat	day6.28	100	32.4	29
	rat	day6.28	100	24.4	29
	rat	day6.28	100	26.9	29
	rat	day6.28	100	32.9	29
BASF (2010)	rat	day6.28	100	32.9	29
	rat	day6.28	100	31.3	29
	rat	day6.28	100	34.3	29
	rat	day6.28	100	36.4	29

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	100	43	30
	rat	day6.28	100	NA	30
	rat	day6.28	100	41.2	30
	rat	day6.28	100	37.2	30
	rat	day6.28	100	37	30
	rat	day6.28	100	38	30
	rat	day6.28	100	39.2	30
	rat	day6.28	100	NA	30
	rat	day6.28	100	39.5	30
	rat	day6.28	100	44	30
	rat	day6.28	100	35.3	31
	rat	day6.28	100	36.1	31
	rat	day6.28	100	36.7	31
	rat	day6.28	100	34.3	31
	rat	day6.28	100	30.7	31
	rat	day6.28	100	32.3	31
	rat	day6.28	100	36.8	31
	rat	day6.28	100	42	32
	rat	day6.28	100	44.1	32
	rat	day6.28	100	44	32
	rat	day6.28	100	40.1	32
	rat	day6.28	100	42.5	32
	rat	day6.28	100	42.9	33
	rat	day6.28	100	45.4	33
	rat	day6.28	100	45.3	33
	rat	day6.28	100	42.4	33
	rat	day6.28	100	42.8	34
	rat	day6.28	100	43	34
	rat	day6.28	100	45.5	34
	rat	day6.28	100	37.7	35
	rat	day6.28	100	37	35
	rat	day6.28	100	33.1	35
	rat	day6.28	100	35.4	35
	rat	day6.28	100	35	35
	rat	day6.28	100	36.4	35
	rat	day6.28	100	39.7	35
	rat	day6.28	100	39.6	35
	rat	day6.28	100	37.7	35
	rat	day6.28	100	42.6	36
	rat	day6.28	100	47.4	36
BASF (2010)	rat	day6.28	100	47.6	36
	rat	day6.28	100	47.6	36
	rat	day6.28	100	33	37
	rat	day6.28	100	33.8	37

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	100	32.9	37
	rat	day6.28	100	32.7	37
	rat	day6.28	100	29.9	37
	rat	day6.28	100	30.8	37
	rat	day6.28	100	32	37
	rat	day6.28	100	35.1	37
	rat	day6.28	100	35	37
	rat	day6.28	100	36.1	37
	rat	day6.28	100	36.1	37
	rat	day6.28	100	32.7	38
	rat	day6.28	100	35.9	38
	rat	day6.28	100	35.7	38
	rat	day6.28	100	36.3	38
	rat	day6.28	100	37.3	38
	rat	day6.28	100	36.2	38
	rat	day6.28	100	37.8	38
	rat	day6.28	100	39.3	39
	rat	day6.28	100	41.5	39
	rat	day6.28	100	40.3	39
	rat	day6.28	100	42.2	39
	rat	day6.28	100	44.8	39
	rat	day6.28	100	41.7	40
	rat	day6.28	100	43.8	40
	rat	day6.28	100	47.1	40
	rat	day6.28	100	28.7	40
	rat	day6.28	100	38.9	40
	rat	day6.28	100	32.3	40
	rat	day6.28	100	39.2	41
	rat	day6.28	100	34.2	41
	rat	day6.28	100	30.3	41
	rat	day6.28	100	32.7	41
	rat	day6.28	100	34.5	41
	rat	day6.28	100	35.2	41
	rat	day6.28	100	35.6	41
	rat	day6.28	100	42.5	42
	rat	day6.28	100	41.6	42
	rat	day6.28	100	NA	42
	rat	day6.28	100	43.5	42
	rat	day6.28	100	37.6	43
	rat	day6.28	100	41	43
BASF (2010)	rat	day6.28	100	36.1	43
	rat	day6.28	100	38.5	43
	rat	day6.28	100	37.4	43
	rat	day6.28	100	40.5	43

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	100	38.4	43
	rat	day6.28	100	35.3	44
	rat	day6.28	100	34.3	44
	rat	day6.28	100	34.4	44
	rat	day6.28	100	30.9	44
	rat	day6.28	100	32	44
	rat	day6.28	100	33.3	44
	rat	day6.28	100	32.6	44
	rat	day6.28	100	35.4	44
	rat	day6.28	100	37.3	44
	rat	day6.28	100	19.7	45
	rat	day6.28	100	20.4	45
	rat	day6.28	100	22.9	45
	rat	day6.28	100	20.4	45
	rat	day6.28	100	24.6	45
	rat	day6.28	100	28.6	45
	rat	day6.28	100	NA	46
	rat	day6.28	100	45.4	46
	rat	day6.28	100	39.7	46
	rat	day6.28	100	48.6	46
	rat	day6.28	100	43.5	46
	rat	day6.28	100	34.9	47
	rat	day6.28	100	34.3	47
	rat	day6.28	100	35.9	47
	rat	day6.28	100	35.3	47
	rat	day6.28	100	38.2	47
	rat	day6.28	100	35	47
	rat	day6.28	100	34.8	47
	rat	day6.28	100	40.9	48
	rat	day6.28	100	38.3	48
	rat	day6.28	100	39.7	48
	rat	day6.28	100	36.7	48
	rat	day6.28	100	38.8	48
	rat	day6.28	100	38.8	48
	rat	day6.28	100	40.6	48
	rat	day6.28	100	41.6	48
	rat	day6.28	100	42.5	49
	rat	day6.28	100	36.5	49
	rat	day6.28	100	NA	49
	rat	day6.28	100	40.5	49
BASF (2010)	rat	day6.28	100	41.5	49
	rat	day6.28	100	38.7	49
	rat	day6.28	100	40.1	50
	rat	day6.28	100	37.1	50

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	100	33.1	50
	rat	day6.28	100	27	50
	rat	day6.28	100	34.8	50
	rat	day6.28	100	30.3	50
	rat	day6.28	100	34.3	50
	rat	day6.28	100	32	50
	rat	day6.28	300	39.4	51
	rat	day6.28	300	40.6	51
	rat	day6.28	300	38.8	51
	rat	day6.28	300	34.5	51
	rat	day6.28	300	35.3	51
	rat	day6.28	300	41	51
	rat	day6.28	300	37.6	51
	rat	day6.28	300	38.2	51
	rat	day6.28	300	38.8	51
	rat	day6.28	300	42.5	52
	rat	day6.28	300	46.8	52
	rat	day6.28	300	35	52
	rat	day6.28	300	39.8	52
	rat	day6.28	300	45.9	52
	rat	day6.28	300	46.2	52
	rat	day6.28	300	43.8	52
	rat	day6.28	300	42	53
	rat	day6.28	300	39.3	53
	rat	day6.28	300	42.8	53
	rat	day6.28	300	40.7	53
	rat	day6.28	300	44.5	53
	rat	day6.28	300	41.8	53
	rat	day6.28	300	40.8	54
	rat	day6.28	300	43.3	54
	rat	day6.28	300	41.5	54
	rat	day6.28	300	46.4	54
	rat	day6.28	300	43.4	54
	rat	day6.28	300	41.9	54
	rat	day6.28	300	42.6	55
	rat	day6.28	300	33.6	55
	rat	day6.28	300	38.1	56
	rat	day6.28	300	39	56
	rat	day6.28	300	31.3	56
	rat	day6.28	300	32.1	56
BASF (2010)	rat	day6.28	300	36.1	56
	rat	day6.28	300	33.4	56
	rat	day6.28	300	41.5	56
	rat	day6.28	300	39.8	57

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	300	NA	57
	rat	day6.28	300	38.5	57
	rat	day6.28	300	37.3	57
	rat	day6.28	300	35.7	57
	rat	day6.28	300	36.8	57
	rat	day6.28	300	37.7	57
	rat	day6.28	300	36.9	57
	rat	day6.28	300	41.8	57
	rat	day6.28	300	42.6	58
	rat	day6.28	300	38.8	59
	rat	day6.28	300	40.5	59
	rat	day6.28	300	39.9	59
	rat	day6.28	300	NA	59
	rat	day6.28	300	NA	59
	rat	day6.28	300	41.7	59
	rat	day6.28	300	40.1	59
	rat	day6.28	300	38.2	59
	rat	day6.28	300	40.4	60
	rat	day6.28	300	33.1	60
	rat	day6.28	300	36.6	60
	rat	day6.28	300	34.7	60
	rat	day6.28	300	37	60
	rat	day6.28	300	36.5	60
	rat	day6.28	300	42.1	60
	rat	day6.28	300	41.3	60
	rat	day6.28	300	NA	61
	rat	day6.28	300	NA	62
	rat	day6.28	300	NA	63
	rat	day6.28	300	46.7	63
	rat	day6.28	300	47.4	63
	rat	day6.28	300	43.3	63
	rat	day6.28	300	45.8	63
	rat	day6.28	300	44.1	63
	rat	day6.28	300	46	63
	rat	day6.28	300	NA	63
	rat	day6.28	300	41.3	64
	rat	day6.28	300	NA	64
	rat	day6.28	300	45.4	64
	rat	day6.28	300	45.6	64
	rat	day6.28	300	43.4	64
BASF (2010)	rat	day6.28	300	NA	64
	rat	day6.28	300	39.9	65
	rat	day6.28	300	35.8	65
	rat	day6.28	300	27	65

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	300	24.5	65
	rat	day6.28	300	18.5	65
	rat	day6.28	300	24.9	65
	rat	day6.28	300	29.8	65
	rat	day6.28	300	27.9	65
	rat	day6.28	300	33.8	65
	rat	day6.28	300	29.2	65
	rat	day6.28	300	32	65
	rat	day6.28	300	28.4	65
	rat	day6.28	300	42	66
	rat	day6.28	300	44.4	66
	rat	day6.28	300	42.3	66
	rat	day6.28	300	42.2	66
	rat	day6.28	300	42.3	66
	rat	day6.28	300	45.4	66
	rat	day6.28	300	NA	67
	rat	day6.28	300	39.8	68
	rat	day6.28	300	37	68
	rat	day6.28	300	36.6	68
	rat	day6.28	300	39.5	68
	rat	day6.28	300	34.4	68
	rat	day6.28	300	NA	68
	rat	day6.28	300	41.2	68
	rat	day6.28	300	NA	68
	rat	day6.28	300	39.7	68
	rat	day6.28	300	42.5	68
	rat	day6.28	300	42.1	69
	rat	day6.28	300	NA	69
	rat	day6.28	300	44.9	69
	rat	day6.28	300	44.3	69
	rat	day6.28	300	NA	69
	rat	day6.28	300	38.8	69
	rat	day6.28	300	40.3	69
	rat	day6.28	300	NA	69
	rat	day6.28	300	42.4	69
	rat	day6.28	300	36	69
	rat	day6.28	300	NA	69
	rat	day6.28	300	NA	69
	rat	day6.28	300	29.1	70
	rat	day6.28	300	32.6	70
BASF (2010)	rat	day6.28	300	29.5	70
	rat	day6.28	300	34.4	70
	rat	day6.28	300	31.2	70
	rat	day6.28	300	NA	70

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	300	42.8	71
	rat	day6.28	300	44.7	71
	rat	day6.28	300	40.2	71
	rat	day6.28	300	40.4	71
	rat	day6.28	300	NA	71
	rat	day6.28	300	36.2	71
	rat	day6.28	300	37.2	71
	rat	day6.28	300	NA	72
	rat	day6.28	300	37.8	73
	rat	day6.28	300	42	73
	rat	day6.28	300	39	73
	rat	day6.28	300	37.8	73
	rat	day6.28	300	31.6	73
	rat	day6.28	300	32.7	73
	rat	day6.28	300	37	73
	rat	day6.28	300	35.3	73
	rat	day6.28	300	42.1	74
	rat	day6.28	300	39.5	74
	rat	day6.28	300	42.5	74
	rat	day6.28	300	39.5	74
	rat	day6.28	300	41.1	74
	rat	day6.28	300	41.1	74
	rat	day6.28	300	40.8	74
	rat	day6.28	300	37.2	75
	rat	day6.28	300	36.6	75
	rat	day6.28	300	40.8	75
	rat	day6.28	300	38	75
	rat	day6.28	300	37	75
	rat	day6.28	1000	30.1	76
	rat	day6.28	1000	37.5	77
	rat	day6.28	1000	40.7	77
	rat	day6.28	1000	41.1	77
	rat	day6.28	1000	23	77
	rat	day6.28	1000	44.9	77
	rat	day6.28	1000	43	77
	rat	day6.28	1000	37.7	78
	rat	day6.28	1000	36.9	78
	rat	day6.28	1000	33.2	78
	rat	day6.28	1000	31.2	78
	rat	day6.28	1000	32	78
BASF (2010)	rat	day6.28	1000	32.4	78
	rat	day6.28	1000	37.8	78
	rat	day6.28	1000	37.3	79
	rat	day6.28	1000	37	79

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	1000	32	79
	rat	day6.28	1000	35.7	79
	rat	day6.28	1000	35.2	79
	rat	day6.28	1000	36.9	79
	rat	day6.28	1000	NA	80
	rat	day6.28	1000	NA	81
	rat	day6.28	1000	38.7	82
	rat	day6.28	1000	38.9	82
	rat	day6.28	1000	40.4	82
	rat	day6.28	1000	40.5	82
	rat	day6.28	1000	NA	82
	rat	day6.28	1000	39.7	82
	rat	day6.28	1000	NA	82
	rat	day6.28	1000	42	83
	rat	day6.28	1000	43	83
	rat	day6.28	1000	43.4	83
	rat	day6.28	1000	43	83
	rat	day6.28	1000	40.4	83
	rat	day6.28	1000	44.5	83
	rat	day6.28	1000	NA	83
	rat	day6.28	1000	NA	83
	rat	day6.28	1000	NA	83
	rat	day6.28	1000	34.2	84
	rat	day6.28	1000	31	84
	rat	day6.28	1000	25.5	84
	rat	day6.28	1000	27.8	84
	rat	day6.28	1000	27.4	84
	rat	day6.28	1000	27.9	84
	rat	day6.28	1000	33.8	84
	rat	day6.28	1000	34.1	84
	rat	day6.28	1000	42.7	84
	rat	day6.28	1000	39.9	85
	rat	day6.28	1000	42	85
	rat	day6.28	1000	38.7	85
	rat	day6.28	1000	37	85
	rat	day6.28	1000	32.1	85
	rat	day6.28	1000	38	85
	rat	day6.28	1000	39.3	85
	rat	day6.28	1000	41.1	86
	rat	day6.28	1000	38.8	86
BASF (2010)	rat	day6.28	1000	36.9	86
	rat	day6.28	1000	25.3	86
	rat	day6.28	1000	27.5	86
	rat	day6.28	1000	39.3	87

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	1000	NA	87
	rat	day6.28	1000	34.9	87
	rat	day6.28	1000	30.8	87
	rat	day6.28	1000	33.4	87
	rat	day6.28	1000	29.8	87
	rat	day6.28	1000	36.8	87
	rat	day6.28	1000	39.2	87
	rat	day6.28	1000	NA	88
	rat	day6.28	1000	40.1	88
	rat	day6.28	1000	41.4	88
	rat	day6.28	1000	36.2	88
	rat	day6.28	1000	43.8	88
	rat	day6.28	1000	39.2	88
	rat	day6.28	1000	NA	89
	rat	day6.28	1000	40.7	89
	rat	day6.28	1000	40.6	89
	rat	day6.28	1000	35.3	89
	rat	day6.28	1000	38.5	89
	rat	day6.28	1000	35.5	89
	rat	day6.28	1000	36.4	89
	rat	day6.28	1000	37.7	90
	rat	day6.28	1000	35.8	90
	rat	day6.28	1000	34.9	90
	rat	day6.28	1000	37.5	90
	rat	day6.28	1000	NA	90
	rat	day6.28	1000	36.5	90
	rat	day6.28	1000	36.4	90
	rat	day6.28	1000	NA	91
	rat	day6.28	1000	40.7	91
	rat	day6.28	1000	40	91
	rat	day6.28	1000	39.6	91
	rat	day6.28	1000	NA	91
	rat	day6.28	1000	38.6	91
	rat	day6.28	1000	39.6	91
	rat	day6.28	1000	38.4	91
	rat	day6.28	1000	42.4	91
	rat	day6.28	1000	41.4	91
	rat	day6.28	1000	35	92
	rat	day6.28	1000	38.2	92
	rat	day6.28	1000	34.4	92
BASF (2010)	rat	day6.28	1000	43.6	92
	rat	day6.28	1000	40.8	92
	rat	day6.28	1000	42.7	92
	rat	day6.28	1000	36.2	93

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	1000	29.3	93
	rat	day6.28	1000	33.1	93
	rat	day6.28	1000	NA	93
	rat	day6.28	1000	33.7	93
	rat	day6.28	1000	26	93
	rat	day6.28	1000	26.6	93
	rat	day6.28	1000	25.6	93
	rat	day6.28	1000	33.1	93
	rat	day6.28	1000	32.4	93
	rat	day6.28	1000	32.8	93
	rat	day6.28	1000	42.8	94
	rat	day6.28	1000	42.5	94
	rat	day6.28	1000	36.7	94
	rat	day6.28	1000	35.4	94
	rat	day6.28	1000	35.5	94
	rat	day6.28	1000	37.5	94
	rat	day6.28	1000	43.8	94
	rat	day6.28	1000	41.2	95
	rat	day6.28	1000	40.2	95
	rat	day6.28	1000	39.4	95
	rat	day6.28	1000	38.8	95
	rat	day6.28	1000	42.5	95
	rat	day6.28	1000	42.2	95
	rat	day6.28	1000	36.9	96
	rat	day6.28	1000	36.7	96
	rat	day6.28	1000	32	96
	rat	day6.28	1000	30.8	96
	rat	day6.28	1000	38	96
	rat	day6.28	1000	35.2	96
	rat	day6.28	1000	34.6	96
	rat	day6.28	1000	40.7	96
	rat	day6.28	1000	36.6	97
	rat	day6.28	1000	30.1	97
	rat	day6.28	1000	32.5	97
	rat	day6.28	1000	35.9	97
	rat	day6.28	1000	37.9	97
	rat	day6.28	1000	NA	98
	rat	day6.28	1000	NA	98
	rat	day6.28	1000	NA	98
	rat	day6.28	1000	41.4	98
BASF (2010)	rat	day6.28	1000	NA	98
	rat	day6.28	1000	43	98
	rat	day6.28	1000	39.3	98
	rat	day6.28	1000	33.6	99

Study	Species	Exposure duration (day)	Dose (mg/kg bw/day)	Foetal body weight (g)	Dam number
	rat	day6.28	1000	23.6	99
	rat	day6.28	1000	25.1	99
	rat	day6.28	1000	28.2	99
	rat	day6.28	1000	29.5	99
	rat	day6.28	1000	19.9	99
	rat	day6.28	1000	24.3	99
	rat	day6.28	1000	38.6	99
	rat	day6.28	1000	37.2	99
	rat	day6.28	1000	40.1	100
	rat	day6.28	1000	NA	100
	rat	day6.28	1000	41.4	100
	rat	day6.28	1000	41.7	100
	rat	day6.28	1000	42.8	100
	rat	day6.28	1000	42	100
	rat	day6.28	1000	40.5	100