

## Summary of Analysis

Data resolution poor. Caution advised.  
Best model found:log\_logistic

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	20.126	0.003	218.651	33.045	25.474
gamma	nan	nan	nan	nan	nan
weibull	8.073	0.152	207.944	7.942	5.132
log_logistic	7.565	0.182	207.349	7.873	3.544
probit	19.336	0.004	217.721	30.47	23.404
log_probit	nan	nan	nan	nan	nan
multistage_2	24.547	0.0	225.1	43.057	29.919
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.186268	1.817013	1.246309	0.165005	-0.745288	-2.275423	-2.44894	1.451332
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-0.665069	1.261174	0.759655	0.025914	-0.335349	-1.206579	-1.272567	1.508128
log_logistic	-0.685152	1.210489	0.699712	-0.009589	-0.318867	-1.129101	-1.173628	1.544987
probit	1.106574	1.759275	1.177524	0.08674	-0.802672	-2.26111	-2.326775	1.565753
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	1.444444	2.000568	1.447221	0.352421	-0.68274	-2.498918	-2.902703	1.050543
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log\_logistic)

