Summary of Analysis

Dose-response data quality good.
Best model found:gamma
Model fit might be unreliable.
p-val for chi-squared statistic was < 0.1 for all converged models.

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	19.72	0.003	175.29	0.443	0.359
gamma	11.475	0.043	168.635	0.225	0.137
weibull	39.673	0.0	192.531	0.856	nan
log_logistic	24.468	0.0	182.93	0.499	0.117
probit	18.265	0.006	173.779	0.405	0.328
log_probit	nan	nan	nan	nan	nan
multistage_2	21.411	0.001	182.694	0.203	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	-0.097771	1.420571	0.745619	1.516821	0.857336	-1.797038	-3.070402	1.201761
gamma	-1.554002	0.97816	0.272089	1.272551	0.752141	-1.157072	-1.723855	1.238497
weibull	0.692889	1.842614	1.245712	1.869515	1.209437	-1.738562	-5.12141	0.1914
log_logistic	0.370002	1.64203	0.98707	1.669756	0.970946	-1.951385	-3.171938	1.749335
probit	-0.269718	1.343818	0.647986	1.453858	0.792281	-1.807843	-2.869396	1.312682
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	-0.006793	1.53611	1.026944	1.768646	1.337055	-0.300868	-0.537817	3.563804
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (gamma)