Summary of Analysis

Data resolution poor. Caution advised.
Best model found:quantal_linear
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	24.784	0.0	186.732	0.4	0.326
gamma	14.032	0.015	177.684	0.193	0.118
weibull	37.68	0.0	201.763	0.662	0.527
log_logistic	12.864	0.025	176.478	0.182	0.114
probit	23.071	0.001	184.901	0.365	0.299
log_probit	nan	nan	nan	nan	nan
multistage_2	22.017	0.001	191.876	0.288	nan
quantal_linear	13.939	0.03	175.836	0.179	0.132

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.058988	1.505407	0.871849	1.610462	0.991792	-2.04937	-3.459817	1.416398
gamma	-1.582058	0.995764	0.349499	1.33197	0.876842	-1.32899	-1.989549	1.465579
weibull	0.900074	1.981067	1.418331	2.010581	1.383729	-1.881188	-4.604259	0.487973
log_logistic	-1.65557	0.960762	0.301946	1.309921	0.87915	-1.18907	-1.748319	1.466056
probit	-0.124454	1.418414	0.764578	1.53842	0.918844	-2.070501	-3.256459	1.535093
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	0.629588	1.848447	1.337442	1.980628	1.482501	-0.923448	-1.880754	2.42991
quantal_linear	-1.659606	1.030739	0.447365	1.399573	0.97576	-1.195862	-1.99069	1.271941

Dose-response with best fit model (quantal_linear)