Summary of Analysis

Data resolution poor. Caution advised.
Best model found:log_logistic
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	19.626	0.0	37.821	14.323	10.905
gamma	nan	nan	nan	nan	nan
weibull	32.816	0.0	79.243	2.316	nan
log_logistic	6.034	0.049	34.484	26.63	15.775
probit	nan	nan	nan	nan	nan
log_probit	22.888	0.0	61.389	6.728	nan
multistage_2	70.273	0.0	123.24	1.572	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4
logistic	0.389626	-4.112227	0.673838	1.372699	-0.474309
gamma	nan	nan	nan	nan	nan
weibull	0.017321	-0.234138	2.480291	3.595863	-3.698552
log_logistic	0.704178	-2.124368	0.704178	0.727273	1e-06
probit	nan	nan	nan	nan	nan
log_probit	0.675471	-2.252579	1.435371	3.408798	-1.917669
multistage_2	1.825742	1.427778	4.127385	6.917704	0.107743
quantal_linear	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)