Summary of Analysis

Data resolution poor. Caution advised.
Best model found: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	18.35	0.005	159.655	58.034	38.942
gamma	nan	nan	nan	nan	nan
weibull	16.098	0.007	161.194	39.751	13.182
log_logistic	16.077	0.007	161.199	39.661	8.256
probit	18.369	0.005	159.725	58.184	37.374
log_probit	15.989	0.007	161.171	38.818	nan
multistage_2	244.894	0.0	350.209	3.691	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.711977	0.732024	1.472262	-3.427829	-1.142173	1.084553	0.886377	-0.35065
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-0.095398	0.596838	1.470692	-3.007937	-0.660198	1.41417	1.150713	-0.873163
log_logistic	-0.100929	0.594528	1.470928	-2.999834	-0.65246	1.418389	1.151702	-0.887034
probit	0.707468	0.729153	1.471363	-3.421125	-1.127074	1.101343	0.910593	-0.394716
log_probit	-0.116292	0.565916	1.463895	-2.979136	-0.623351	1.436597	1.161628	-0.913718
multistage_2	1.444444	1.767831	2.519993	0.207651	2.515249	5.221807	7.638721	11.888874
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (logistic)