Summary of Analysis

Dose-response data quality good.
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	1298.401	0.0	167.45	6.825	5.666
gamma	nan	nan	nan	nan	nan
weibull	35.707	0.0	163.792	3.631	3.124
log_logistic	27.055	0.0	148.745	7.841	5.961
probit	nan	nan	nan	nan	nan
log_probit	32.969	0.0	153.585	7.146	nan
multistage_2	48.196	0.0	197.436	1.836	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.279313	-0.098717	0.156813	0.80643	1.269609	-2.259064	-1.194561	35.887844
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	0.267482	-1.482293	-0.205768	1.364578	2.47577	-1.913503	-2.234846	4.092472
log_logistic	1.134402	-0.688483	-0.655432	-0.170537	1.10633	-0.813022	-1.327653	4.602988
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	1.13049	-0.701412	-0.692263	-0.098621	1.551532	-1.325472	-1.659272	4.877732
multistage_2	2.0	1.58923	2.139954	3.248551	4.233913	-0.905794	-2.298461	1.583694
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)