

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	13.063	0.011	185.501	22.785	16.956
gamma	nan	nan	nan	nan	nan
weibull	8.741	0.033	183.338	5.45	3.05
log_logistic	8.56	0.036	183.082	5.332	nan
probit	12.928	0.012	185.294	21.655	15.926
log_probit	nan	nan	nan	nan	nan
multistage_2	20.656	0.0	191.33	24.755	20.794
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.489164	2.139399	-0.297374	-2.825289	0.335462	0.252476
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.728806	1.875391	-0.067196	-2.018871	0.766	0.160788
log_logistic	-0.768995	1.83972	-0.07267	-1.972264	0.810689	0.179378
probit	0.444042	2.114119	-0.321816	-2.817821	0.380933	0.269209
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	0.117851	1.887238	-0.97143	-3.920173	0.331566	0.811632
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

