

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	17.72	0.001	123.164	7.65	6.034
gamma	nan	nan	nan	nan	nan
weibull	30.169	0.0	144.693	2.917	2.533
log_logistic	13.08	0.004	114.196	15.144	11.194
probit	19.419	0.001	125.926	7.005	5.67
log_probit	13.877	0.003	115.849	14.499	nan
multistage_2	259.498	0.0	233.551	0.78	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-1.405344	-1.145596	-0.145149	2.670795	-2.083814	1.713484
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.926492	-0.283426	1.536638	4.521445	-2.520174	-0.272808
log_logistic	-0.455086	-0.455085	-0.450491	1.536734	-1.51739	2.792669
probit	-1.279635	-0.992856	0.061539	2.814514	-2.333078	1.851202
log_probit	-0.440191	-0.440191	-0.440042	1.558266	-1.784189	2.772012
multistage_2	-0.471405	1.224689	4.735099	10.936242	-0.486092	10.747878
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

