

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	34.59	0.0	239.632	11.717	9.843
gamma	nan	nan	nan	nan	nan
weibull	14.024	0.015	220.19	3.854	3.181
log_logistic	10.814	0.055	217.401	6.549	3.63
probit	nan	nan	nan	nan	nan
log_probit	10.512	0.062	217.54	7.128	nan
multistage_2	1029.372	0.0	399.286	1.197	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.85875	0.20594	1.436334	1.135221	0.692132	-2.650206	-2.899515	3.439635
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	0.018974	-2.047625	0.690445	1.125703	1.526412	-0.77202	-1.910671	1.228769
log_logistic	0.96348	-1.878359	0.378144	0.54269	1.067355	-0.704261	-1.401348	1.523497
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	1.08582	-1.735445	0.284911	0.357331	1.006246	-0.735164	-1.506713	1.512859
multistage_2	2.0	1.457865	3.033015	4.159326	5.876908	5.737281	5.920191	29.903911
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

