

Summary of Analysis

Dose-response data quality good.

Best model found: log_probit

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	35.045	0.0	190.377	14.098	11.661
gamma	nan	nan	nan	nan	nan
weibull	16.083	0.007	171.928	5.552	4.541
log_logistic	13.275	0.021	168.543	7.928	4.714
probit	nan	nan	nan	nan	nan
log_probit	12.595	0.027	168.02	8.445	nan
multistage_2	273.48	0.0	289.014	1.667	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.601479	0.2689	1.614081	1.170985	1.043492	-2.720165	-3.205327	3.109583
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	0.018708	-2.022389	1.045987	1.022726	1.595644	-0.996071	-2.082847	1.405672
log_logistic	0.692396	-1.975101	0.86752	0.555	1.227966	-0.918568	-1.562792	1.7435
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	0.783132	-1.893196	0.793541	0.333143	1.150574	-0.913885	-1.644163	1.671689
multistage_2	1.972027	1.499788	2.843517	3.527375	4.939205	3.765603	3.00299	14.114552
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

