

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	67.952	0.0	170.201	2.614	2.01
gamma	45.157	0.0	153.501	1.189	nan
weibull	39.568	0.0	145.093	1.251	0.699
log_logistic	20.28	0.0	117.296	0.858	0.45
probit	63.4	0.0	174.835	3.222	2.63
log_probit	255926.192	0.0	462.673	0.022	nan
multistage_2	81.536	0.0	181.712	3.081	nan
quantal_linear	39.568	0.0	143.093	1.251	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	3.074203	3.313747	-3.576706	-3.916698	3.555242	2.597601
gamma	1.257237	2.12582	-4.309355	-4.499493	0.130344	-0.473223
weibull	1.257237	2.068518	-3.767062	-3.640788	2.261343	1.071664
log_logistic	-0.47725	1.740707	-1.252235	-1.730088	3.431714	0.827425
probit	3.285829	3.47653	-3.710499	-4.494612	1.788094	1.830459
log_probit	0.075667	26.161948	39.5958	15.757842	447.385144	230.80757
multistage_2	1.257237	1.607275	-6.403749	-6.028023	0.12322	0.107211
quantal_linear	1.257237	2.068518	-3.767062	-3.640788	2.261343	1.071664

Dose-response with best fit model (log_logistic)

