

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	1020.236	0.0	95.473	5.128	4.049
gamma	29.349	0.0	119.488	1.189	nan
weibull	16.091	0.001	89.743	3.192	2.655
log_logistic	10.886	0.012	81.495	5.718	4.269
probit	nan	nan	nan	nan	nan
log_probit	20408.546	0.0	748.068	0.012	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	1.097718	0.424532	1.646059	-2.040343	-0.224747	31.810805
gamma	1.885618	2.174729	3.955303	-0.754559	-2.102626	-0.654791
weibull	0.017889	-0.483543	2.217461	-1.673396	-1.018654	2.664947
log_logistic	0.630864	-0.957251	0.942692	-0.623635	-0.595047	2.817803
probit	nan	nan	nan	nan	nan	nan
log_probit	0.017889	23.821989	95.16736	88.691443	-0.030292	54.019066
multistage_2	nan	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

