

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	50.015	0.0	171.572	0.721	0.584
gamma	nan	nan	nan	nan	nan
weibull	20.848	0.0	144.097	0.209	0.169
log_logistic	15.497	0.001	137.618	0.303	0.183
probit	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan
multistage_2	51.728	0.0	166.46	0.637	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	2.106914	2.20381	1.715042	-5.61692	-0.531667	2.438237
gamma	nan	nan	nan	nan	nan	nan
weibull	0.017889	1.306709	2.113569	-3.54198	-0.1878	1.446298
log_logistic	0.017889	0.796663	1.890095	-2.951045	0.367435	1.563889
probit	nan	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.186805	1.368879	0.932832	-6.675584	-1.54802	0.784426
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

