

Summary of Analysis

Data resolution poor. Caution advised.

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	87.087	0.0	221.496	0.408	0.32
gamma	nan	nan	nan	nan	nan
weibull	40.87	0.0	167.641	0.003	0.002
log_logistic	36.896	0.0	158.118	0.028	0.009
probit	87.847	0.0	223.246	0.456	0.371
log_probit	nan	nan	nan	nan	nan
multistage_2	95.0	0.0	205.95	0.153	nan
quantal_linear	95.0	0.0	203.95	0.153	0.116

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	4.227399	4.011169	-5.286548	-4.256707	0.099919	2.655098
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.229988	3.862774	-3.664406	-2.496325	0.868616	2.341341
log_logistic	-0.332514	2.834751	-3.434323	-1.959465	1.688244	3.203937
probit	4.303174	4.072642	-5.298405	-4.38447	-0.25185	2.320163
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	2.100483	2.212564	-6.038761	-3.739496	1.849338	5.641129
quantal_linear	2.100482	2.212564	-6.038761	-3.739496	1.849338	5.64113

Dose-response with best fit model (log_logistic)

