

Summary of Analysis

Dose-response data quality good.
Best model found:log_logistic

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	6.658	0.155	115.117	35.216	26.643
gamma	nan	nan	nan	nan	nan
weibull	3.862	0.277	114.583	19.287	10.902
log_logistic	3.794	0.285	114.5	18.814	7.354
probit	6.484	0.166	114.871	33.705	24.961
log_probit	nan	nan	nan	nan	nan
multistage_2	9.11	0.028	123.634	35.259	29.739
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.348655	1.233674	0.529401	-2.12629	-0.245377	0.390412
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.572333	0.984604	0.594926	-1.453063	0.17535	0.262259
log_logistic	-0.58557	0.970522	0.589588	-1.432457	0.197373	0.265124
probit	0.291758	1.202866	0.501767	-2.122732	-0.173115	0.405196
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.296362	1.886417	1.321169	-0.846528	0.508882	1.07238
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

