

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	16.209	0.003	129.57	16.453	12.92
gamma	nan	nan	nan	nan	nan
weibull	18.534	0.0	140.814	11.382	9.49
log_logistic	6.85	0.077	124.778	20.584	15.881
probit	18.234	0.001	132.347	14.977	11.794
log_probit	8.332	0.04	126.351	20.336	nan
multistage_2	20.06	0.0	142.556	13.825	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.087679	0.529885	1.423496	-2.235999	-0.11818	2.980037
gamma	nan	nan	nan	nan	nan	nan
weibull	1.157115	1.622026	2.832669	-2.167613	-1.319121	0.318785
log_logistic	-0.135041	-0.103851	1.050057	-1.527453	-0.0256	1.839776
probit	-0.135544	0.606995	1.600871	-2.590009	-0.601716	2.866047
log_probit	-0.107714	-0.106367	1.186955	-1.806212	-0.283566	1.886035
multistage_2	1.296362	1.639618	2.323051	-2.749857	-1.642097	0.190801
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

