Summary of Analysis

Dose-response data quality good.
Best model found:log_probit
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	16.926	0.01	101.467	25.03	20.233
gamma	nan	nan	nan	nan	nan
weibull	16.248	0.006	102.605	18.225	nan
log_logistic	16.089	0.007	99.899	22.531	16.15
probit	nan	nan	nan	nan	nan
log_probit	15.413	0.009	99.028	22.343	nan
multistage_2	8863.59	0.0	487.151	0.883	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.863186	-2.854887	0.910513	0.976793	1.122956	0.705923	-1.998771	0.701835
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	0.823998	-3.141898	0.854422	0.959055	1.235287	1.201525	-1.027645	-0.147682
log_logistic	0.794371	-3.385603	0.783871	0.79119	0.90066	0.659598	-1.080838	0.583688
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	0.794058	-3.389536	0.781148	0.768985	0.807488	0.589808	-0.926902	0.482375
multistage_2	1.855921	1.168067	3.509736	5.111472	7.941138	13.941511	22.339556	89.798955
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)