

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	12.16	0.058	142.984	33.094	27.821
gamma	nan	nan	nan	nan	nan
weibull	10.011	0.075	144.982	24.815	nan
log_logistic	11.217	0.047	142.923	28.828	20.239
probit	nan	nan	nan	nan	nan
log_probit	10.505	0.062	142.125	28.252	nan
multistage_2	5679.49	0.0	705.059	1.194	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.929935	-2.266767	0.980339	0.063192	1.179262	0.785196	-1.732702	0.426992
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	1.011402	-1.989823	1.048973	0.229358	1.354963	1.272985	-0.637126	-0.117462
log_logistic	0.880603	-2.594743	0.885547	-0.209468	1.0271	0.746425	-1.057669	0.386919
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	0.88586	-2.574502	0.885885	-0.261788	0.943404	0.648355	-0.888851	0.372598
multistage_2	2.0	1.459838	3.423062	4.505732	7.244147	12.207369	21.246853	70.628704
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

