

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	8.748	0.12	160.929	4.491	3.693
gamma	nan	nan	nan	nan	nan
weibull	8.456	0.076	162.06	4.085	3.394
log_logistic	8.074	0.089	161.622	4.335	2.475
probit	8.592	0.127	160.558	4.145	3.422
log_probit	7.922	0.094	161.469	4.443	nan
multistage_2	127.262	0.0	270.294	0.581	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6
logistic	0.559766	-1.463377	1.654075	-0.50048	0.849082	-1.464128	0.665234
gamma	nan	nan	nan	nan	nan	nan	nan
weibull	0.482698	-1.797453	1.536287	-0.606601	1.015338	-1.040372	0.387772
log_logistic	0.569474	-1.757278	1.503433	-0.782428	0.940526	-0.859492	0.407773
probit	0.432877	-1.617303	1.61809	-0.498641	0.931008	-1.324971	0.547162
log_probit	0.648809	-1.683283	1.478004	-0.950384	0.925668	-0.778711	0.34145
multistage_2	1.296362	1.225171	3.844381	3.56129	5.821629	4.875289	6.241676
quantal_linear	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (probit)

