Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	2.996	0.558	133.189	26.182	20.521
gamma	nan	nan	nan	nan	nan
weibull	0.73	0.866	133.104	11.387	6.916
log_logistic	0.687	0.876	133.064	11.164	3.07
probit	2.769	0.597	132.947	24.684	19.072
log_probit	15.607	0.001	148.494	121146814.781	nan
multistage_2	111.343	0.0	224.966	3.162	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.643117	0.651253	0.119474	-1.428521	-0.140796	0.28916
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.178147	0.28807	0.319943	-0.659573	0.27353	-0.051159
log_logistic	-0.173369	0.260088	0.315217	-0.63119	0.29454	-0.068851
probit	0.588623	0.604336	0.093308	-1.4031	-0.059653	0.276102
log_probit	1.665989	1.623086	1.089786	-0.510113	-1.483416	-2.559056
multistage_2	1.296362	1.612445	2.26913	2.511674	6.415897	7.378449
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (probit)