Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	0.85	0.932	199.997	19.928	14.95
gamma	nan	nan	nan	nan	nan
weibull	0.583	0.9	201.731	15.453	10.383
log_logistic	0.526	0.913	201.675	15.424	3.208
probit	0.793	0.939	199.941	19.123	14.168
log_probit	0.443	0.931	201.593	15.227	nan
multistage_2	14318.159	0.0	670.913	0.774	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.197072	0.360307	0.09771	0.011961	-0.686226	0.447692
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.335201	0.255902	0.097346	0.14928	-0.508477	0.339255
log_logistic	-0.324199	0.24908	0.074198	0.143045	-0.471422	0.332558
probit	-0.224139	0.340353	0.094135	0.030075	-0.655505	0.432822
log_probit	-0.290843	0.236285	0.024588	0.151409	-0.428891	0.307987
multistage_2	-1.06066	1.233332	4.406309	8.783033	41.664395	111.727497
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (probit)