

## Summary of Analysis

Dose-response data quality good.  
Best model found: log\_probit

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	8.228	0.084	149.352	25.28	20.637
gamma	nan	nan	nan	nan	nan
weibull	4.05	0.256	147.346	19.273	16.448
log_logistic	2.599	0.458	145.719	22.041	14.351
probit	7.297	0.121	148.405	23.75	19.551
log_probit	2.339	0.505	145.404	23.045	nan
multistage_2	15.685	0.001	163.545	10.063	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.546413	0.139994	1.147192	0.336548	-2.233673	1.221179
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.154006	-0.541874	0.957817	0.699068	-1.407109	0.588792
log_logistic	0.055096	-0.697198	0.702527	0.51564	-0.977199	0.629193
probit	0.353247	-0.020537	1.079055	0.352625	-2.186285	1.050448
log_probit	0.185962	-0.710636	0.548322	0.462504	-0.972175	0.582761
multistage_2	1.296362	1.460593	2.495071	2.333759	-0.291427	0.338667
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log\_probit)

