

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	7.742	0.102	156.366	18.922	15.531
gamma	nan	nan	nan	nan	nan
weibull	2.779	0.427	153.679	8.852	6.66
log_logistic	2.43	0.488	153.301	8.974	3.919
probit	6.933	0.139	155.475	17.487	14.371
log_probit	2.083	0.555	152.904	9.199	nan
multistage_2	65.449	0.0	210.056	3.274	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.668436	0.726801	0.966403	-1.518683	-1.493733	1.138077
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.30558	0.09313	1.00153	-0.673085	-0.822154	0.738232
log_logistic	-0.271641	0.02382	0.946491	-0.646734	-0.71564	0.727495
probit	0.548857	0.620556	0.908423	-1.512662	-1.368661	1.12234
log_probit	-0.173914	-0.085171	0.852048	-0.612808	-0.666615	0.706886
multistage_2	1.296362	1.643964	2.706929	2.163329	3.458259	6.09092
quantal_linear	nan	nan	nan	nan	nan	nan

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

