

## Summary of Analysis

Data resolution poor. Caution advised.

Best model found:log\_probit

Model fit might be unreliable.

p-val for chi-squared statistic was  $< 0.1$  for all converged models.

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	13.817	0.008	179.185	9.543	7.28
gamma	nan	nan	nan	nan	nan
weibull	8.975	0.03	176.688	2.443	1.666
log_logistic	8.038	0.045	175.336	2.543	1.029
probit	13.663	0.008	178.997	9.211	7.326
log_probit	7.549	0.056	174.591	2.585	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.32435	-0.32359	0.63201	2.568919	-2.555694	0.276759
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.922862	-0.912818	0.182219	2.470722	-1.043602	0.2516
log_logistic	-0.983551	-0.982129	0.089402	2.349441	-0.675624	0.348748
probit	-0.354653	-0.353833	0.606573	2.554749	-2.540009	0.256073
log_probit	-0.991198	-0.991198	0.064918	2.271471	-0.583609	0.282446
multistage_2	nan	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan	nan

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

