

## Summary of Analysis

Data resolution poor. Caution advised.

Best model found: logistic

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	11.613	0.02	157.267	21.858	16.818
gamma	nan	nan	nan	nan	nan
weibull	10.859	0.013	158.739	34.969	29.732
log_logistic	11.744	0.008	161.096	0.199	nan
probit	11.681	0.02	157.344	20.338	15.557
log_probit	11.839	0.008	161.324	0.152	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	1.328714	1.328969	-1.580566	-2.113173	1.055904	-0.055652
gamma	nan	nan	nan	nan	nan	nan
weibull	1.389065	1.389065	-1.467721	-2.039047	0.829403	-0.006619
log_logistic	0.070302	0.871668	-1.535796	-0.835471	2.554458	-1.182082
probit	1.325786	1.326075	-1.585682	-2.112284	1.088232	-0.068785
log_probit	0.002252	0.82441	-1.469344	-0.697943	2.614016	-1.296358
multistage_2	nan	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (logistic)

