

## 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	9.56	0.049	137.76	20.063	15.795
gamma	nan	nan	nan	nan	nan
weibull	8.913	0.03	139.431	30.485	26.364
log_logistic	8.875	0.031	139.409	45.525	27.081
probit	9.669	0.046	137.84	18.183	14.389
log_probit	nan	nan	nan	nan	nan
multistage_2	8.4	0.038	140.525	21.887	18.884
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.967682	1.631807	-1.681549	-1.624673	0.701465	-0.032855
gamma	nan	nan	nan	nan	nan	nan
weibull	1.032348	1.680065	-1.558519	-1.558453	0.408643	-0.001307
log_logistic	1.035214	1.682232	-1.552858	-1.552858	0.388197	-3.8e-05
probit	0.959543	1.625801	-1.69689	-1.629775	0.753347	-0.043521
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.296362	1.885618	-1.060641	-1.05875	0.830324	0.477571
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (logistic)

