

## Summary of Analysis

Data resolution poor. Caution advised.

Best model found:log\_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	18.397	0.001	78.419	32.825	26.598
gamma	nan	nan	nan	nan	nan
weibull	21.313	0.0	87.386	22.76	nan
log_logistic	9.432	0.024	75.306	43.18	35.385
probit	nan	nan	nan	nan	nan
log_probit	20.719	0.0	89.057	15.552	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	0.663523	-3.675866	0.806957	1.002721	1.418409	-0.881099
gamma	nan	nan	nan	nan	nan	nan
weibull	0.547518	-3.038165	1.196013	1.5573	1.540352	-2.356773
log_logistic	0.855043	-2.666931	0.884035	0.898182	-2.7e-05	3e-06
probit	nan	nan	nan	nan	nan	nan
log_probit	0.01703	-2.27834	1.440712	1.755775	1.450516	-2.874999
multistage_2	nan	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan	nan

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

