

## 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	62.327	0.0	214.06	4.865	3.924
gamma	nan	nan	nan	nan	nan
weibull	23.01	0.0	168.879	0.183	0.132
log_logistic	18.597	0.0	161.923	0.583	0.227
probit	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan
multistage_2	206.565	0.0	275.527	12.418	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	3.52552	3.648799	-4.685992	-2.982278	-0.380351	2.363544
gamma	nan	nan	nan	nan	nan	nan
weibull	0.017889	3.135065	-3.094224	-0.981847	0.111052	1.621805
log_logistic	0.017889	2.475112	-2.908644	-0.387702	0.550356	1.886045
probit	nan	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.885618	1.892051	-11.245115	-8.130993	-2.593137	0.373881
quantal_linear	nan	nan	nan	nan	nan	nan

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

