

## 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	66.39	0.0	238.706	6.873	5.479
gamma	nan	nan	nan	nan	nan
weibull	28.974	0.0	194.357	0.08	0.053
log_logistic	26.338	0.0	189.692	0.305	0.066
probit	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan
multistage_2	222.839	0.0	299.02	14.265	7.824
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	3.707889	3.793733	-4.362959	-4.169673	0.371521	1.299912
gamma	nan	nan	nan	nan	nan	nan
weibull	0.017889	3.395049	-2.982295	-2.350741	1.279668	1.178816
log_logistic	0.017954	2.905527	-2.935902	-2.036559	1.702064	1.493733
probit	nan	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.885618	1.890495	-10.909282	-9.723166	-1.396824	0.453974
quantal_linear	nan	nan	nan	nan	nan	nan

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

