

## 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	13.801	0.008	126.093	8.417	6.662
gamma	nan	nan	nan	nan	nan
weibull	8.92	0.03	126.215	6.019	5.149
log_logistic	6.376	0.095	123.042	8.001	5.334
probit	14.181	0.007	127.945	7.984	6.469
log_probit	7.041	0.071	124.036	7.931	nan
multistage_2	37.736	0.0	155.144	1.621	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.702445	0.132449	0.248296	-0.189323	-1.992379	3.036881
gamma	nan	nan	nan	nan	nan	nan
weibull	0.192366	-0.518579	0.303521	0.682066	-2.111237	1.897283
log_logistic	0.46694	-0.340526	-0.342327	0.480286	-1.6277	1.744806
probit	0.662309	0.105434	0.294836	-0.120155	-2.371219	2.829741
log_probit	0.508068	-0.295289	-0.454444	0.612632	-1.790719	1.705028
multistage_2	1.296362	1.465241	3.036636	3.956471	-1.146679	2.778219
quantal_linear	nan	nan	nan	nan	nan	nan

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

