

## Summary of Analysis

Data resolution poor. Caution advised.  
Best model found:log\_logistic

# Model Predictions

| Model          | Chi-squared | p-val | AIC     | BMD10 | BMDL10 |
|----------------|-------------|-------|---------|-------|--------|
| logistic       | 12.674      | 0.002 | 52.651  | 2.063 | 1.666  |
| gamma          | nan         | nan   | nan     | nan   | nan    |
| weibull        | 17.693      | 0.0   | 71.622  | 1.349 | 1.061  |
| log_logistic   | 0.002       | 0.962 | 48.4    | 3.638 | 2.596  |
| probit         | 26.428      | 0.0   | 56.637  | 1.838 | 1.476  |
| log_probit     | nan         | nan   | nan     | nan   | nan    |
| multistage_2   | 50.517      | 0.0   | 111.345 | 0.784 | 0.768  |
| quantal_linear | nan         | nan   | nan     | nan   | nan    |

# Scaled Residuals

| Model          | dose0     | dose1     | dose2    | dose3     |
|----------------|-----------|-----------|----------|-----------|
| logistic       | -3.185504 | -0.65611  | 1.33329  | -0.56447  |
| gamma          | nan       | nan       | nan      | nan       |
| weibull        | -1.276093 | 0.810697  | 2.786625 | -2.764376 |
| log_logistic   | -0.019695 | -0.019695 | 0.038312 | -4.4e-05  |
| probit         | -4.7053   | -0.446086 | 1.838311 | -0.842475 |
| log_probit     | nan       | nan       | nan      | nan       |
| multistage_2   | 1.371989  | 2.891689  | 6.251936 | 1.08914   |
| quantal_linear | nan       | nan       | nan      | nan       |

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

