# Summary of Analysis

Data resolution poor. Caution advised.
Best model found:logistic

# Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 |
|---|---|---|---|---|---|
| logistic | 3.613 | 0.306 | 24.49 | 0.209 | 0.116 |
| gamma | 3.249 | 0.197 | 26.034 | 0.163 | 0.115 |
| weibull | 3.25 | 0.197 | 25.986 | 0.145 | nan |
| log_logistic | 3.251 | 0.197 | 25.97 | 0.13 | 0.121 |
| probit | nan | nan | nan | nan | nan |
| log_probit | nan | nan | nan | nan | nan |
| multistage_2 | 8.481 | 0.014 | 37.877 | 0.078 | nan |
| quantal_linear | 3.416 | 0.332 | 24.69 | 0.598 | nan |

## Scaled Residuals

| Model | dose0 | dose1 | dose2 | dose3 | dose4 |
|---|---|---|---|---|---|
| logistic | 0.452972 | -1.602095 | 0.57391 | 0.674002 | -0.240025 |
| gamma | 0.514297 | -1.561045 | 0.522316 | 0.520668 | -0.062898 |
| weibull | 0.512119 | -1.571743 | 0.519656 | 0.496991 | -0.015897 |
| log_logistic | 0.511408 | -1.575246 | 0.518874 | 0.488325 | 1.7e-05 |
| probit | nan | nan | nan | nan | nan |
| log_probit | nan | nan | nan | nan | nan |
| multistage_2 | 0.730969 | 0.113458 | 1.44555 | 1.807996 | 1.604703 |
| quantal_linear | 0.444628 | -1.43974 | 0.630917 | 0.724759 | -0.471438 |

Dose-response with best fit model (logistic)