

Summary of Analysis

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

Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 |
|----------------|-------------|-------|---------|---------|--------|
| logistic | 0.806 | 0.938 | 69.158 | 13.73 | 4.62 |
| gamma | nan | nan | nan | nan | nan |
| weibull | 0.712 | 0.87 | 71.107 | 107.695 | nan |
| log_logistic | 0.712 | 0.87 | 71.106 | 115.162 | nan |
| probit | 0.806 | 0.938 | 69.159 | 14.667 | 4.614 |
| log_probit | 0.706 | 0.872 | 71.103 | 204.228 | nan |
| multistage_2 | 229.658 | 0.0 | 257.581 | 0.305 | nan |
| quantal_linear | nan | nan | nan | nan | nan |

Scaled Residuals

| Model | dose0 | dose1 | dose2 | dose3 | dose4 | dose5 |
|----------------|-----------|----------|----------|-----------|----------|-----------|
| logistic | 0.110202 | 0.120131 | 0.193456 | -0.69491 | 0.467321 | -0.202799 |
| gamma | nan | nan | nan | nan | nan | nan |
| weibull | -0.043835 | 0.094137 | 0.254152 | -0.560906 | 0.505328 | -0.257781 |
| log_logistic | -0.044022 | 0.093773 | 0.254286 | -0.560369 | 0.505524 | -0.257984 |
| probit | 0.10884 | 0.119115 | 0.193677 | -0.69252 | 0.469371 | -0.20517 |
| log_probit | -0.043061 | 0.084504 | 0.254625 | -0.553947 | 0.50836 | -0.259214 |
| multistage_2 | 1.217161 | 1.580779 | 2.734319 | 3.620311 | 8.755692 | 11.33279 |
| quantal_linear | nan | nan | nan | nan | nan | nan |

Dose-response with best fit model (logistic)

