Summary of Analysis

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

Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 | |
|----------------|-------------|-------|----------|--------|--------|--|
| logistic | 17.567 | 0.063 | 269.494 | 50.347 | 37.693 | |
| gamma | nan | nan | nan | nan | nan | |
| weibull | 17.58 | 0.04 | 270.997 | 51.489 | 37.93 | |
| log_logistic | 13.405 | 0.145 | 267.779 | 58.646 | 46.555 | |
| probit | 17.778 | 0.059 | 269.843 | 50.896 | 36.69 | |
| log_probit | 13.356 | 0.147 | 267.798 | 58.232 | nan | |
| multistage_2 | 6200.911 | 0.0 | 1255.467 | 1.36 | nan | |
| quantal_linear | nan | nan | nan | nan | nan | |

Scaled Residuals

| Model | dose0 | dosel | dose2 | dose3 | dose4 | dose5 | dose6 | dose? | dose8 | dose9 | dose10 | dosel) |
|----------------|-----------|-----------|-----------|----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|
| logistic | -0.741093 | -0.692295 | -0.724896 | 1.497665 | -2.323238 | 1.574956 | 1.521896 | -0.748402 | 0.469109 | 0.873963 | 0.851037 | -1.143625 |
| gamma | nan | nan | nan | nen | ten | nan | nan | nan | nan | nen | nen | nan |
| weibull | -0.649724 | -0.643618 | -0.714751 | 1.478697 | -2.395399 | 1.529826 | 1.472387 | -0.883615 | 0.411468 | 0.029844 | 0.832813 | -1.211314 |
| log_logistic | -0.285294 | -0.285294 | -0.446191 | 1.581988 | -2.093836 | 1.58199 | 1.49152 | -1.121643 | -0.393475 | 0.117429 | 0.050133 | -0.007979 |
| probit | -0.728521 | -0.676436 | -0.71011 | 1.506644 | -2.299685 | 1.589033 | 1.535779 | -0.708028 | 0.493547 | 0.892652 | 0.836615 | -1.277665 |
| leg_probit | -0.271696 | -0.271696 | -0.435644 | 1.586983 | -2.079312 | 1.586983 | 1.496222 | -1.109853 | -0.424365 | 0.089006 | 0.019312 | -0.003794 |
| multistage_2 | 0.727607 | 2.067927 | 2.081782 | 4,517605 | 2.700561 | 6.657145 | 7.256527 | 9.59154 | 20.790052 | 21.462117 | 37,04374 | 60.907615 |
| quantal_linear | nan | nan | nan | nen | nen | nan | nan | nen | nen | nen | nan | nan |

