

Summary of Analysis

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

Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 |
|----------------|-------------|-------|--------|--------|--------|
| logistic | 0.971 | 0.914 | 66.215 | 54.421 | 37.416 |
| gamma | nan | nan | nan | nan | nan |
| weibull | 1.026 | 0.795 | 68.212 | 60.035 | 32.644 |
| log_logistic | 1.029 | 0.794 | 68.214 | 60.605 | 29.207 |
| probit | 0.982 | 0.913 | 66.21 | 55.334 | 36.218 |
| log_probit | nan | nan | nan | nan | nan |
| multistage_2 | 11.69 | 0.009 | 83.673 | 48.62 | 40.078 |
| quantal_linear | nan | nan | nan | nan | nan |

Scaled Residuals

| Model | dose0 | dose1 | dose2 | dose3 | dose4 | dose5 |
|----------------|-----------|----------|-----------|-----------|----------|-----------|
| logistic | -0.431877 | 0.818267 | -0.326915 | -0.083641 | 0.030966 | 0.000943 |
| gamma | nan | nan | nan | nan | nan | nan |
| weibull | -0.502184 | 0.790304 | -0.340102 | -0.009613 | 0.156361 | -0.095955 |
| log_logistic | -0.502991 | 0.789672 | -0.340984 | -0.006999 | 0.161354 | -0.101539 |
| probit | -0.454786 | 0.810844 | -0.329125 | -0.06725 | 0.065581 | -0.021218 |
| log_probit | nan | nan | nan | nan | nan | nan |
| multistage_2 | 1.296362 | 1.856335 | 1.23 | 1.321398 | 1.326125 | 1.243251 |
| quantal_linear | nan | nan | nan | nan | nan | nan |

Dose-response with best fit model (probit)

