

Summary of Analysis

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

Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 |
|----------------|-------------|-------|---------|--------|--------|
| logistic | 3.645 | 0.602 | 110.36 | 16.643 | 13.694 |
| gamma | nan | nan | nan | nan | nan |
| weibull | 9.151 | 0.057 | 120.144 | 13.318 | 10.47 |
| log_logistic | 0.511 | 0.972 | 109.504 | 22.445 | 15.942 |
| probit | 4.77 | 0.445 | 111.561 | 15.203 | 12.398 |
| log_probit | 0.504 | 0.973 | 109.498 | 21.767 | nan |
| multistage_2 | 45.433 | 0.0 | 168.128 | 3.606 | nan |
| quantal_linear | nan | nan | nan | nan | nan |

Scaled Residuals

| Model | dose0 | dose1 | dose2 | dose3 | dose4 | dose5 | dose6 |
|----------------|-----------|-----------|-----------|----------|----------|-----------|-----------|
| logistic | -1.398414 | -0.1736 | -0.095374 | 0.011204 | 0.569224 | 1.052346 | -0.467187 |
| gamma | nan | nan | nan | nan | nan | nan | nan |
| weibull | 0.067987 | 0.787362 | 0.822982 | 0.865655 | 1.404248 | 1.784251 | -1.394454 |
| log_logistic | -0.618926 | 0.243602 | 0.213897 | 0.052078 | 0.143071 | -0.011381 | 0.001542 |
| probit | -1.473685 | -0.193228 | -0.089029 | 0.071821 | 0.699244 | 1.255701 | -0.694102 |
| log_probit | -0.615361 | 0.246115 | 0.216396 | 0.05396 | 0.123762 | -0.001293 | 0.000264 |
| multistage_2 | 0.888889 | 1.735877 | 1.980972 | 2.328557 | 3.326253 | 4.307164 | 1.633171 |
| quantal_linear | nan | nan | nan | nan | nan | nan | nan |

Dose-response with best fit model (log_probit)

