

Summary of Analysis

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

Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 |
|----------------|-------------|-------|--------|-------|--------|
| logistic | 4.86 | 0.302 | 65.032 | 5.029 | 3.666 |
| gamma | nan | nan | nan | nan | nan |
| weibull | 4.245 | 0.236 | 66.226 | 4.998 | 3.742 |
| log_logistic | 2.019 | 0.569 | 62.683 | 4.943 | 4.699 |
| probit | 5.053 | 0.282 | 65.313 | 5.243 | 3.581 |
| log_probit | 2.019 | 0.569 | 62.683 | 4.903 | nan |
| multistage_2 | 204.7 | 0.0 | 247.98 | 0.316 | nan |
| quantal_linear | nan | nan | nan | nan | nan |

Scaled Residuals

| Model | dose0 | dose1 | dose2 | dose3 | dose4 | dose5 |
|----------------|-----------|-----------|-----------|----------|----------|-----------|
| logistic | -0.665475 | -0.623757 | -0.42641 | 0.928526 | 1.469936 | -0.90754 |
| gamma | nan | nan | nan | nan | nan | nan |
| weibull | -0.536859 | -0.536477 | -0.484216 | 0.84246 | 1.420309 | -0.841139 |
| log_logistic | -0.528145 | -0.528145 | -0.495074 | 0.792118 | 0.766968 | 0.0 |
| probit | -0.620086 | -0.575396 | -0.368852 | 0.959636 | 1.483852 | -1.038755 |
| log_probit | -0.528139 | -0.528139 | -0.495068 | 0.79212 | 0.766968 | -0.000188 |
| multistage_2 | 1.257237 | 1.613123 | 2.74971 | 4.435824 | 8.910903 | 9.688942 |
| quantal_linear | nan | nan | nan | nan | nan | nan |

Dose-response with best fit model (log_probit)

