# Summary of Analysis

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

## Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 |
|---|---|---|---|---|---|
| logistic | 0.088 | 0.999 | 69.612 | 9.056 | 4.407 |
| gamma | nan | nan | nan | nan | nan |
| weibull | 0.074 | 0.995 | 71.598 | 11.016 | 4.537 |
| log_logistic | 0.073 | 0.995 | 71.597 | 11.201 | 4.27 |
| probit | 0.085 | 0.999 | 69.609 | 9.528 | 4.369 |
| log_probit | 3130.712 | 0.0 | 168.965 | 0.026 | nan |
| multistage_2 | 220.716 | 0.0 | 261.246 | 0.325 | nan |
| quantal_linear | nan | nan | nan | nan | nan |

# Scaled Residuals

| Model | dose0 | dose1 | dose2 | dose3 | dose4 | dose5 |
|---|---|---|---|---|---|---|
| logistic | -0.045407 | -0.028543 | 0.038908 | 0.143576 | -0.22232 | 0.115759 |
| gamma | nan | nan | nan | nan | nan | nan |
| weibull | -0.045925 | -0.035901 | 0.025891 | 0.139033 | -0.195126 | 0.111074 |
| log_logistic | -0.0455 | -0.035892 | 0.025069 | 0.138215 | -0.193927 | 0.111244 |
| probit | -0.050885 | -0.032933 | 0.038421 | 0.147768 | -0.212804 | 0.111881 |
| log_probit | -55.383873 | 2.019484 | 3.011875 | 3.583646 | 4.163549 | 4.473351 |
| multistage_2 | 1.296362 | 1.645824 | 2.713597 | 4.004126 | 8.191677 | 11.217255 |
| quantal_linear | nan | nan | nan | nan | nan | nan |

Dose-response with best fit model (probit)