# Summary of Analysis

Dose-response data quality good.
Best model found:logistic

# Model Predictions

| Model | Chi-squared | p-val | AIC | BMD10 | BMDL10 |
|---|---|---|---|---|---|
| logistic | 1.363 | 0.851 | 104.304 | 18.954 | 15.087 |
| gamma | nan | nan | nan | nan | nan |
| weibull | 12.612 | 0.006 | 121.331 | 3.5 | 2.585 |
| log_logistic | 1.674 | 0.643 | 106.407 | 19.246 | 11.005 |
| probit | 1.581 | 0.812 | 104.468 | 16.986 | 13.585 |
| log_probit | 1.948 | 0.583 | 106.647 | 16.925 | nan |
| multistage_2 | 48.412 | 0.0 | 158.834 | 2.878 | nan |
| quantal_linear | nan | nan | nan | nan | nan |

# Scaled Residuals

| Model | dose0 | dose1 | dose2 | dose3 | dose4 | dose5 |
|---|---|---|---|---|---|---|
| logistic | -0.368329 | -0.346745 | 1.009656 | -0.295985 | -0.017692 | 0.009783 |
| gamma | nan | nan | nan | nan | nan | nan |
| weibull | -0.664081 | 0.529905 | 2.113038 | 1.820225 | 0.366201 | -1.994424 |
| log_logistic | -0.174901 | -0.244744 | 0.912192 | -0.669969 | 0.422348 | -0.35174 |
| probit | -0.524678 | -0.469296 | 1.004304 | -0.154553 | 0.164397 | -0.161056 |
| log_probit | -0.23533 | -0.305876 | 0.869809 | -0.525975 | 0.673955 | -0.558279 |
| multistage_2 | 1.217161 | 1.508982 | 3.004277 | 3.387158 | 4.464923 | 2.054088 |
| quantal_linear | nan | nan | nan | nan | nan | nan |

Dose-response with best fit model (logistic)