

Summary of Analysis

Data resolution poor. Caution advised.

Best model found:log_probit

Model fit might be unreliable.

p-val for chi-squared statistic was < 0.1 for all converged models.

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	10.93	0.027	163.41	11.497	9.368
gamma	nan	nan	nan	nan	nan
weibull	9.739	0.021	163.89	13.816	12.167
log_logistic	7.463	0.059	161.043	15.612	10.009
probit	11.263	0.024	163.968	10.55	8.735
log_probit	7.0	0.072	160.494	15.883	nan
multistage_2	2890.255	0.0	405.571	0.776	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.426951	-0.947576	0.231949	2.021181	-1.975871	1.344282
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.206255	-0.835137	0.023332	1.813122	-1.985243	1.330382
log_logistic	-0.182122	-0.8162	-0.118101	1.544946	-1.527952	1.42429
probit	-0.488962	-0.991162	0.271455	2.108658	-2.032808	1.178802
log_probit	-0.148033	-0.777242	-0.141581	1.440679	-1.574697	1.341277
multistage_2	0.117851	1.230338	5.10708	10.983944	16.279363	49.769274
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

