

## 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	13.79	0.008	123.653	39.096	27.581
gamma	nan	nan	nan	nan	nan
weibull	8.979	0.03	121.997	9.191	3.558
log_logistic	8.863	0.031	121.832	8.619	nan
probit	13.671	0.008	123.521	37.175	25.525
log_probit	8.535	0.036	121.253	7.824	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.138964	-0.502787	1.564147	1.575046	-2.926045	0.169194
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.500313	-1.208987	1.342669	1.559207	-1.685296	0.438973
log_logistic	-0.509208	-1.236059	1.328192	1.547272	-1.640241	0.47716
probit	0.121041	-0.524593	1.554106	1.566386	-2.910722	0.200666
log_probit	-0.50698	-1.297231	1.276224	1.492952	-1.561487	0.546997
multistage_2	nan	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log\_probit)

