

## Summary of Analysis

Dose-response data quality good.

Best model found:log\_logistic

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	90.396	0.0	157.449	0.057	nan
gamma	89.28	0.0	155.415	0.072	nan
weibull	70.395	0.0	163.368	0.058	nan
log_logistic	17.048	0.004	147.204	0.079	0.066
probit	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	42.294	0.0	191.243	0.02	0.017

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	-2.309806	0.100023	0.465147	1.975654	-0.009388	-1.756065	8.823122	-0.000174
gamma	-1.191727	0.193233	-0.018356	1.620871	-0.046481	-1.825758	9.047611	-3.7e-05
weibull	-1.540656	0.215751	0.593375	2.111941	0.135637	-2.561354	7.522187	-0.0
log_logistic	-1.09729	0.250496	-0.220433	1.33776	-0.078771	-0.951723	3.609574	-0.041549
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan	nan	nan	nan
quantal_linear	-2.308128	1.353807	2.244965	3.522088	1.483848	-3.706113	-1.248872	-0.438378

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

