

## 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	28.03	0.0	197.799	20.645	16.942
gamma	nan	nan	nan	nan	nan
weibull	10.171	0.071	183.12	3.354	2.733
log_logistic	10.365	0.066	180.314	5.764	3.216
probit	nan	nan	nan	nan	nan
log_probit	10.77	0.056	180.41	7.316	nan
multistage_2	778.07	0.0	382.06	1.664	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.6808	0.368686	1.653232	1.156117	0.302743	-3.285003	-2.644509	1.767133
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	0.018708	-0.417151	1.546535	1.551988	1.398342	-1.064682	-0.959653	1.089393
log_logistic	0.018708	-1.696086	1.105975	1.019882	0.904991	-1.433294	-1.061402	1.106743
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	0.668621	-1.857722	0.974096	0.817106	0.76092	-1.473258	-1.011264	1.218042
multistage_2	1.972027	1.501098	2.845305	3.531038	4.597737	4.179645	7.266452	25.68956
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

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

