

## 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	59.374	0.0	279.133	8.42	7.062
gamma	nan	nan	nan	nan	nan
weibull	21.771	0.001	247.311	2.536	2.09
log_logistic	14.77	0.011	238.599	3.476	2.304
probit	56.009	0.0	280.81	8.674	7.438
log_probit	nan	nan	nan	nan	nan
multistage_2	104.688	0.0	317.328	18.332	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.479529	2.521199	2.153773	0.260189	-1.007182	-3.447661	-2.859147	5.004682
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.318093	1.58482	1.471006	0.257769	-0.000877	-1.788979	-2.13531	2.744414
log_logistic	-1.324347	1.231679	0.981958	-0.138008	0.182818	-1.042016	-1.503908	2.671138
probit	1.471433	2.515239	2.146609	0.24231	-1.069174	-3.70431	-3.403362	4.050017
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	0.888889	2.003133	1.459713	-1.189886	-3.347987	-6.955884	-6.046536	0.429615
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

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

