

## Summary of Analysis

Data resolution poor. Caution advised.

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	110.324	0.0	348.03	4.646	3.637
gamma	102.539	0.0	316.44	0.529	nan
weibull	46.481	0.0	275.915	0.013	0.009
log_logistic	42.988	0.0	269.791	0.128	0.034
probit	nan	nan	nan	nan	nan
log_probit	43.888	0.0	271.462	0.118	nan
multistage_2	119.65	0.0	335.282	2.218	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	5.314217	4.10503	-1.774516	-4.407178	-0.08768	-3.678214	-2.131956	4.957596
gamma	2.0	1.71369	-4.111024	-5.458777	-0.063116	-3.044478	-1.429876	6.130774
weibull	0.018974	3.670141	-1.361154	-3.128696	1.909289	-2.264659	-1.425571	3.250045
log_logistic	0.01905	2.946628	-1.691994	-2.966187	2.438522	-1.89631	-1.13991	3.435367
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	0.018974	3.096178	-1.63935	-3.061468	2.206982	-2.039806	-1.239821	3.416453
multistage_2	4.159029	3.067433	-2.777637	-4.899106	0.047922	-3.072302	-1.386043	7.061481
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

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

