

## Summary of Analysis

Dose-response data quality good.

Best model found: weibull

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	16.948	0.002	144.094	5.368	4.25
gamma	nan	nan	nan	nan	nan
weibull	6.28	0.099	137.776	2.271	1.858
log_logistic	7.571	0.056	139.126	3.095	1.8
probit	18.798	0.001	145.836	5.389	4.407
log_probit	7.049	0.07	138.656	3.056	nan
multistage_2	10.362	0.016	144.607	3.21	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	1.433794	1.594449	-2.175117	-0.335892	-0.927386	2.578028
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.258997	0.76153	-1.305573	1.213908	-1.234801	0.964563
log_logistic	-0.039523	0.355935	-1.510079	1.862257	-1.295032	0.130548
probit	1.453315	1.618665	-2.149458	-0.50409	-1.317099	2.730655
log_probit	-0.013708	0.197747	-1.306	1.885833	-1.289037	0.294142
multistage_2	1.296362	1.639618	-1.381816	0.325436	-1.988521	0.153449
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (weibull)

