

Summary of Analysis

Dose-response data quality good.

Best model found:probit

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	17.683	0.007	173.105	0.458	0.37
gamma	nan	nan	nan	nan	nan
weibull	20.1	0.001	182.645	0.597	0.427
log_logistic	18.512	0.002	178.95	0.531	nan
probit	16.593	0.011	171.85	0.419	0.338
log_probit	nan	nan	nan	nan	nan
multistage_2	18.92	0.002	181.956	0.525	0.41
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	-0.113189	1.411692	0.730559	1.50532	0.838154	-2.467761	-2.258217	0.992957
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	0.847544	1.946009	1.379559	1.981567	1.364588	-1.762911	-2.158913	0.36611
log_logistic	0.5587	1.758179	1.145695	1.795435	1.147147	-2.099063	-2.155079	0.453465
probit	-0.266869	1.34367	0.644639	1.450417	0.782656	-2.466887	-2.077031	1.088674
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	0.845154	1.945107	1.381844	1.985558	1.379541	-1.642426	-1.800444	0.853105
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (probit)

