

Summary of Analysis

Dose-response data quality good.
Best model found: log_probit

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	3.592	0.464	131.763	13.661	10.955
gamma	nan	nan	nan	nan	nan
weibull	1.46	0.691	131.681	10.504	9.143
log_logistic	0.458	0.928	130.648	11.128	7.12
probit	3.168	0.53	131.38	12.487	10.123
log_probit	0.344	0.951	130.527	11.037	nan
multistage_2	20.167	0.0	156.542	3.316	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.193213	0.292808	0.701114	-0.31359	-1.1943	1.205243
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.216052	-0.156129	0.531584	0.147546	-0.826281	0.634149
log_logistic	-0.132359	-0.120151	0.327806	0.017735	-0.396811	0.401361
probit	0.026757	0.157059	0.666723	-0.19694	-1.241572	1.057478
log_probit	-0.081473	-0.081419	0.169296	0.076316	-0.405797	0.363218
multistage_2	1.296362	1.639894	2.692318	2.865607	0.275776	0.511228
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

