

Summary of Analysis

Data resolution poor. Caution advised.

Best model found:log_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	14.763	0.005	185.821	7.677	6.272
gamma	nan	nan	nan	nan	nan
weibull	8.566	0.036	181.421	3.532	2.857
log_logistic	6.699	0.082	179.28	4.33	2.318
probit	14.795	0.005	186.167	7.431	6.216
log_probit	6.521	0.089	179.13	4.386	nan
multistage_2	8.454	0.037	182.483	3.31	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.187593	1.835999	0.019411	-1.286181	-2.009186	2.380184
gamma	nan	nan	nan	nan	nan	nan
weibull	-1.072888	1.293084	0.264027	-0.202481	-1.746186	1.607101
log_logistic	-1.029519	1.118689	0.025597	0.047942	-1.457956	1.502974
probit	0.129493	1.803857	0.008469	-1.28555	-2.201061	2.242055
log_probit	-1.011927	1.033054	0.042827	0.146788	-1.541333	1.425103
multistage_2	-0.471405	1.640439	0.60163	-0.059841	-2.054988	0.976019
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

