

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	10.164	0.038	191.831	1.401	1.128
gamma	nan	nan	nan	nan	nan
weibull	1.286	0.732	184.372	0.17	0.11
log_logistic	0.956	0.812	184.026	0.189	0.038
probit	9.8	0.044	191.34	1.315	1.064
log_probit	0.702	0.873	183.76	0.205	nan
multistage_2	320.825	0.0	303.229	0.155	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	1.639734	1.173623	-0.614915	-2.182251	-0.542193	0.814514
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.171282	0.660307	0.003922	-0.831703	0.014516	0.359141
log_logistic	-0.162481	0.535153	0.016896	-0.726997	0.070202	0.330204
probit	1.578928	1.111878	-0.659619	-2.172097	-0.491297	0.822581
log_probit	-0.126031	0.393072	0.046809	-0.65924	0.071337	0.299952
multistage_2	1.257237	1.43828	1.812017	2.524121	9.107522	14.985815
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

