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	28.092	0.002	301.718	47.168	35.13
gamma	nan	nan	nan	nan	nan
weibull	27.617	0.001	303.992	53.162	37.729
log_logistic	17.764	0.038	289.153	64.837	61.131
probit	28.669	0.001	302.221	48.029	34.363
log_probit	17.764	0.038	289.153	63.823	nan
multistage_2	5430.402	0.0	1243.602	1.361	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7	dose8	dose9	dose10	dose11
logistic	-0.76677	-0.230363	-1.693513	1.662471	-1.159884	-0.745102	1.682061	-0.383314	-0.250398	2.175272	2.531735	-2.395429
gamma	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-0.27752	0.178619	-1.307647	1.786648	-0.890535	-0.544586	1.760101	-0.269711	-0.211618	2.191561	2.500466	-2.691754
log_logistic	-0.437338	0.024991	-1.476898	1.70015	-1.092898	-0.841489	1.602917	-0.841489	-1.476898	1.602917	1.602923	-0.0
probit	-0.734223	-0.198739	-1.658736	1.676999	-1.125216	-0.707306	1.699226	-0.344946	-0.231671	2.182986	2.511191	-2.574577
log_probit	-0.43736	0.024971	-1.476919	1.700142	-1.092916	-0.841506	1.60291	-0.841506	-1.476919	1.60291	1.60291	-4.2e-05
multistage_2	0.323381	2.067387	1.287966	4.546646	3.06199	5.314596	7.254059	9.587029	19.420013	22.969348	40.917276	51.405818
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)