Summary of Analysis

Data resolution poor. Caution advised.
Best model found:weibull
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	25.289	0.005	240.98	30.723	26.268
gamma	nan	nan	nan	nan	nan
weibull	17.922	0.036	239.613	17.665	13.509
log_logistic	17.894	0.036	239.745	17.359	10.412
probit	23.791	0.008	240.037	28.554	24.222
log_probit	17.778	0.038	240.018	16.398	nan
multistage_2	85.361	0.0	328.613	6.948	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7	dose8	dose9	dose10	dose11
logistic	0.862766	0.947218	0.209269	0.417762	0.347857	-1.777071	-1.779166	1.113999	1.925208	-3.368334	-0.179912	0.811972
gamma	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-0.070381	0.286314	-0.209892	0.333854	0.313254	-1.309456	-1.148295	1.637013	2.417348	-2.446025	-0.135273	-0.153508
log_logistic	-0.044154	0.269123	-0.233665	0.317925	0.29978	-1.302882	-1.129118	1.863542	2.442664	-2.404758	-0.152336	-0.248329
probit	0.743641	0.839455	0.123122	0.357755	0.293423	-1.813174	-1.778865	1.161524	2.028447	-3.14571	-0.09471	0.695739
log_probit	0.030789	0.188262	-0.328923	0.285983	0.279981	-1.221865	-1.021525	1.747333	2.481794	-2.348188	-0.209452	-0.407588
multistage_2	2.27397	2.544405	1.625361	2.114062	2.045702	1.309232	1.374206	3.70974	4.980137	0.874961	3.1355	3.107464
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (weibull)