Summary of Analysis

Data resolution poor. Caution advised.
Best model found:weibull

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	10.731	0.097	240.444	54.674	31.886
gamma	nan	nan	nan	nan	nan
weibull	8.494	0.131	240.834	6.107	nan
log_logistic	8.494	0.131	240.838	5.574	nan
probit	10.743	0.097	240.462	54.582	30.744
log_probit	8.49	0.131	240.844	5.773	nan
multistage_2	590793.654	0.0	1296.436	0.694	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.184291	-0.33152	1.220343	-2.256968	-1.118162	1.041267	0.492802	-0.240283
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	0.00559	-0.263135	1.373379	-1.783094	-0.621117	1.38064	0.682887	-0.775114
log_logistic	0.005139	-0.26538	1.374014	-1.778949	-0.616988	1.382625	0.682155	-0.78301
probit	1.18134	-0.334437	1.219062	-2.255764	-1.112347	1.050011	0.504862	-0.257961
log_probit	0.003003	-0.27079	1.375278	-1.770249	-0.608514	1.386655	0.681094	-0.796515
multistage_2	0.888889	1.258393	3.558074	3.558456	8.21381	21.91416	71.587854	764.914008
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (weibull)