Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	7.15	0.21	101.566	20.031	16.604
gamma	nan	nan	nan	nan	nan
weibull	10.166	0.038	108.147	15.125	11.149
log_logistic	4.131	0.389	101.395	28.182	20.931
probit	7.899	0.162	102.438	18.642	15.202
log_probit	4.128	0.389	101.396	26.878	nan
multistage_2	192.396	0.0	279.181	1.751	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6
logistic	-0.631276	-1.780575	0.821666	0.935495	-0.624566	1.224746	-0.375265
gamma	nan	nan	nan	nan	nan	nan	nan
weibull	-0.580473	-1.598192	0.914793	1.154452	0.166351	1.756074	-1.412066
log_logistic	-0.000894	-0.97233	1.014578	1.014578	-1.061708	0.005986	-0.000551
probit	-0.693621	-1.833927	0.81877	0.957884	-0.465544	1.389087	-0.565627
log_probit	-1.7e-05	-0.971034	1.015029	1.015029	-1.060632	7.3e-05	2e-06
multistage_2	1.371989	1.570079	2.934328	3.940718	4.782545	8.16302	8.625619
quantal_linear	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)