Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	8.097	0.151	93.277	17.213	14.326
gamma	nan	nan	nan	nan	nan
weibull	9.999	0.04	100.197	13.688	11.521
log_logistic	3.707	0.447	91.785	24.3	18.016
probit	10.434	0.064	95.632	15.308	12.708
log_probit	3.703	0.448	91.787	23.166	nan
multistage_2	56.572	0.0	168.0	3.593	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6
logistic	-1.460878	-1.235364	0.599401	0.731673	-0.968308	1.538396	-0.488092
gamma	nan	nan	nan	nan	nan	nan	nan
weibull	-0.843592	-0.783457	0.709641	0.878806	-0.170578	2.237911	-1.536317
log_logistic	-0.228347	-0.19885	0.904199	0.9042	-1.406993	0.008735	-0.000467
probit	-1.716781	-1.393007	0.578895	0.755753	-0.648032	1.895721	-0.791503
log_probit	-0.226339	-0.196844	0.905114	0.905114	-1.405232	0.000111	-2.1e-05
multistage_2	1.371989	1.733508	2.458269	3.02154	3.127924	5.154721	0.395684
quantal_linear	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)