Summary of Analysis

Dose-response data quality good.
Best model found:log_logistic
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	452.654	0.0	197.198	0.092	0.076
gamma	nan	nan	nan	nan	nan
weibull	47.253	0.0	171.423	0.05	0.042
log_logistic	28.481	0.0	148.47	0.072	0.057
probit	201.877	0.0	210.098	0.099	0.084
log_probit	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	35.864	0.0	174.345	0.032	0.026

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.065994	1.848624	2.106085	2.284141	-0.920551	-4.619129	-0.515108	20.396024
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.25369	1.212153	1.948757	2.316636	-0.160164	-3.576457	-1.409178	4.499475
log_logistic	-1.383287	0.646873	1.234853	1.655096	-0.500419	-1.932568	0.182834	4.226807
probit	1.329193	2.039674	2.268597	2.427485	-0.835255	-5.562266	-2.351364	12.155074
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan	nan	nan	nan
quantal_linear	-1.320014	1.609808	2.43643	2.826835	0.556549	-3.302894	-1.86911	1.700233

Dose-response with best fit model (log_logistic)