

Summary of Analysis

Dose-response data quality good.
Best model found:log_logistic

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	13.081	0.011	183.241	17.318	13.979
gamma	nan	nan	nan	nan	nan
weibull	5.334	0.149	176.899	3.265	2.151
log_logistic	5.059	0.168	176.48	3.351	0.946
probit	12.824	0.012	182.785	16.158	13.026
log_probit	nan	nan	nan	nan	nan
multistage_2	17.808	0.0	188.386	20.202	17.547
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	1.314328	1.941049	-1.120078	-2.483548	0.33521	0.225398
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.408001	1.53497	-0.646319	-1.236653	0.920902	-0.127942
log_logistic	-0.440572	1.469746	-0.642633	-1.143501	0.982411	-0.138804
probit	1.251406	1.896457	-1.169411	-2.463957	0.409483	0.234341
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.296362	1.888051	-1.50282	-3.105449	0.458075	0.671474
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

