

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	39.126	0.0	241.786	5.786	4.845
gamma	nan	nan	nan	nan	nan
weibull	13.495	0.019	240.82	3.482	2.935
log_logistic	8.873	0.114	236.144	7.641	4.935
probit	51.303	0.0	248.397	5.89	5.011
log_probit	10.633	0.059	237.87	7.308	nan
multistage_2	29053.779	0.0	432.004	0.571	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.649232	-0.691504	-0.429307	0.221758	1.040099	-1.153366	-1.296883	5.621453
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	1.087379	-1.419858	-0.77852	0.496311	1.835748	-0.41083	-1.814254	1.616619
log_logistic	1.692501	-0.872107	-0.828757	-0.440216	0.774539	-0.144281	-1.045236	1.629202
probit	1.815969	-0.422005	-0.181515	0.404652	1.064689	-1.693861	-2.10205	6.261744
log_probit	1.7071	-0.8539	-0.842862	-0.467533	0.985946	-0.270447	-1.33317	1.799443
multistage_2	1.444444	1.17413	2.610968	5.417128	10.106419	12.049168	7.83909	169.426615
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

