Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10	
logistic	6.931	0.544	241.396	19.192	16.531	
gamma	nan	nan	nan	nan	nan	
weibull	27.051	0.0	266.074	9.306	7.758	
log_logistic	2.474	0.929	238.787	24.63	21.046	
probit	8.89	0.352	243.566	17.307	14.919	
log_probit	2.63	0.917	238.947	24.768	nan	
multistage_2	15562284545.651	0.0	2181.2	0.331	nan	
quantal_linear	nan	nan	nan	nan	nan	

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7	dose8	dose9
logistic	-0.230728	-0.154691	-0.120883	-1.133551	0.259342	1.623083	-0.246858	-1.484759	0.125085	0.755951
gamma	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.063281	-0.731268	-0.59832	-1.651048	0.692434	3.691307	1.011833	-1.463298	-1.446356	-1.71452
log_logistic	0.157739	0.111538	0.111538	-0.852119	0.114493	0.646616	-0.281134	-0.850678	0.56302	0.384059
probit	-0.355157	-0.240043	-0.195912	-1.228205	0.281385	1.971837	-0.063166	-1.63653	-0.293329	0.650669
log_probit	0.166511	0.117741	0.117741	-0.843104	0.117742	0.613766	-0.221965	-1.000221	0.372015	0.534124
multistage_2	1.833333	1.639972	2.692598	3.362245	11.468949	399.056826	790.17685	2266.840455	14988.197246	123821.3073
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan

