

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	29.711	0.0	265.277	0.071	0.059
gamma	5.465	0.362	244.705	0.019	0.009
weibull	5.114	0.402	244.376	0.019	0.015
log_logistic	4.454	0.486	243.361	0.026	0.016
probit	43.368	0.0	268.754	0.073	0.062
log_probit	nan	nan	nan	nan	nan
multistage_2	7.446	0.19	246.896	0.025	nan
quantal_linear	6.863	0.334	243.488	0.025	0.021

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	2.163782	2.338205	0.835714	-2.212094	-1.865089	-1.380189	1.057712	2.732734
gamma	-0.365364	1.490819	0.464852	-1.53913	-0.405573	-0.151411	0.53585	0.222753
weibull	-0.400552	1.485741	0.490294	-1.466043	-0.318396	-0.092266	0.49259	0.064219
log_logistic	-0.33021	1.032298	0.082571	-1.403758	0.264535	0.588068	0.498833	-0.798126
probit	2.250161	2.419366	0.931491	-2.129846	-1.943019	-1.844866	0.242499	4.450859
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	0.739595	1.649981	0.525616	-1.557381	-0.384985	0.019276	0.934752	0.672416
quantal_linear	-0.103888	1.25919	0.106678	-1.922403	-0.594942	-0.099761	0.87412	0.657132

Dose-response with best fit model (log_logistic)

