

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	130.49	0.0	279.322	1.84	1.458
gamma	54.853	0.0	301.249	0.529	nan
weibull	68.259	0.0	304.929	1.237	nan
log_logistic	1.297	0.935	244.313	0.324	0.13
probit	140.31	0.0	288.36	2.521	2.06
log_probit	2.329	0.802	245.303	0.296	nan
multistage_2	27716991295.107	0.0	368.622	0.256	nan
quantal_linear	68.259	0.0	302.929	1.237	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	3.417346	1.422932	-0.536574	-2.604036	-2.160987	-0.709592	1.718865	10.079219
gamma	-0.777778	-1.44696	-3.017619	-4.443334	-3.748495	-2.675067	-1.429876	-0.231166
weibull	-0.777778	-2.532797	-4.023727	-4.820433	-3.396757	-1.682282	0.161152	2.723599
log_logistic	-0.142747	0.535422	0.056376	-0.735039	-0.245073	0.120753	0.477631	0.379707
probit	3.94929	1.861364	-0.218753	-2.607515	-2.616763	-1.650149	0.382027	10.231582
log_probit	-0.153294	0.737311	0.108317	-0.907293	-0.478865	-0.023504	0.515833	0.656381
multistage_2	-0.777778	0.854465	0.938209	1.385085	4.735531	21.12236	379.033011	166483.774454
quantal_linear	-0.777778	-2.532797	-4.023727	-4.820433	-3.396757	-1.682282	0.161152	2.723599

Dose-response with best fit model (log_logistic)

