

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	37.002	0.0	242.892	0.076	0.063
gamma	8.705	0.121	221.014	0.028	0.015
weibull	8.394	0.136	221.027	0.026	0.021
log_logistic	6.681	0.245	218.038	0.034	0.023
probit	60.696	0.0	246.742	0.077	0.066
log_probit	nan	nan	nan	nan	nan
multistage_2	32.968	0.0	244.898	0.079	nan
quantal_linear	8.529	0.202	219.04	0.026	0.022

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.860711	2.468348	1.614625	-2.185133	-2.09781	-1.600109	1.207242	3.412784
gamma	-0.596886	1.641406	1.138128	-1.741758	-0.708555	-0.369009	0.633215	0.535491
weibull	-0.64092	1.700057	1.228201	-1.614242	-0.639206	-0.376628	0.528263	0.38572
log_logistic	-0.65317	1.308238	0.780543	-1.721039	-0.056568	0.454638	0.665928	-0.564359
probit	1.938821	2.534657	1.689893	-2.095962	-2.167083	-2.101557	0.289247	5.836743
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	1.482456	2.163111	1.244191	-2.812899	-2.708105	-2.555586	-0.568274	1.562976
quantal_linear	-0.622891	1.678241	1.193417	-1.666415	-0.671145	-0.378256	0.569971	0.45296

Dose-response with best fit model (log_logistic)

