Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	14.912	0.135	241.753	37.817	32.242
gamma	nan	nan	nan	nan	nan
weibull	22.145	0.008	248.035	33.03	24.045
log_logistic	12.094	0.208	241.7	45.099	35.272
probit	15.667	0.11	242.636	36.191	30.232
log_probit	12.321	0.196	241.846	43.706	nan
multistage_2	120.157	0.0	379.447	7.058	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7	dose8	dose9	dose10	dose11
logistic	-0.618465	0.821773	-2.579841	0.294165	1.1206	-1.148316	-0.385674	1.543478	0.542348	-0.116125	0.977599	-0.862436
gamma	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.131632	0.511472	-3.247539	0.082028	1.014363	-1.297132	-0.427257	1.611238	0.752325	0.100042	0.922746	-1.769642
log_logistic	-0.084232	1.123962	-2.063829	0.427432	1.185736	-1.224646	-0.559609	1.302951	-0.160636	-0.870171	0.790108	-0.242224
probit	-0.653466	0.807522	-2.594826	0.303101	1.127254	-1.091827	-0.328269	1.592039	0.651106	-0.000761	1.004601	-1.106791
log_probit	-0.095054	1.116681	-2.077401	0.420653	1.181650	-1.244509	-0.583614	1.270712	-0.125482	-0.799219	0.944278	-0.354269
multistage_2	1.536059	2.565662	0.277315	2.147334	2.512173	1.901893	2.33688	4.041152	4.51458	3.921365	5.127876	3.571105
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)