Summary of Analysis

Dose-response data quality good.
Best model found:log_logistic
Model fit might be unreliable.
p-val for chi-squared statistic was < 0.1 for all converged models.

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	40.423	0.0	195.631	0.134	0.111
gamma	21.429	0.001	192.744	0.145	0.099
weibull	22.776	0.0	196.27	0.116	0.1
log_logistic	16.462	0.006	185.752	0.178	0.131
probit	35.191	0.0	201.126	0.132	0.111
log_probit	nan	nan	nan	nan	nan
multistage_2	2333.224	0.0	376.198	0.012	nan
quantal_linear	29.537	0.0	205.139	0.048	0.039

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.202542	-0.985591	-0.229381	1.277545	0.276629	1.610218	-2.922159	5.149468
gamma	0.246981	-1.094025	-0.411273	1.013474	-0.118302	1.80781	-2.893272	2.705878
weibull	0.090488	-1.238846	-0.45573	1.171652	0.404628	2.07067	-3.228077	2.186548
log_logistic	0.338583	-0.968076	-0.313703	1.007109	-0.606567	1.356168	-1.966103	2.867864
probit	0.346708	-0.781505	-0.054442	1.398819	0.425337	1.542695	-3.882018	3.856127
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	-0.147595	0.600979	1.816925	4.294092	6.188431	12.606097	3.426861	45.849175
quantal_linear	-0.6593	-1.285236	-0.153266	1.808978	1.642564	3.180478	-3.33548	-0.464136

Dose-response with best fit model (log_logistic)