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	14.288	0.006	170.929	5.519	4.44
gamma	nan	nan	nan	nan	nan
weibull	10.084	0.018	170.146	3.813	3.148
log_logistic	7.263	0.064	167.005	5.205	3.133
probit	15.079	0.005	172.682	5.537	4.602
log_probit	7.457	0.059	167.416	5.143	nan
multistage_2	19.738	0.0	177.151	1.621	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.587792	1.546315	0.521882	-1.008997	-1.744049	2.686923
gamma	nan	nan	nan	nan	nan	nan
weibull	-1.289115	1.155634	0.662703	-0.236381	-1.796178	1.834609
log_logistic	-1.163825	1.046616	0.202312	0.04987	-1.440673	1.641284
probit	-0.53512	1.585053	0.557177	-1.087967	-2.055911	2.561122
log_probit	-1.156956	1.018638	0.225372	0.107391	-1.569539	1.5985
multistage_2	-1.649916	1.465241	1.924577	1.460119	-1.146679	2.778219
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)