

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	3.371	0.498	85.781	21.888	17.138
gamma	nan	nan	nan	nan	nan
weibull	4.266	0.234	89.03	18.236	14.475
log_logistic	2.013	0.57	86.862	32.268	20.358
probit	3.767	0.438	86.222	19.827	15.522
log_probit	nan	nan	nan	nan	nan
multistage_2	8.697	0.034	95.829	17.454	16.091
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.490213	0.78775	-1.229704	0.390818	0.77994	-0.486806
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.297445	0.845264	-1.070106	0.61896	1.080968	-0.875308
log_logistic	-0.001611	0.973875	-1.026948	0.098574	-0.001784	0.00089
probit	-0.544732	0.774008	-1.186565	0.48824	0.917361	-0.619408
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	0.800132	1.455477	0.184888	1.316391	1.988211	0.467261
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (logistic)

