

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	5.831	0.323	104.041	15.054	12.488
gamma	nan	nan	nan	nan	nan
weibull	19.312	0.001	122.383	8.06	5.73
log_logistic	6.291	0.178	106.21	18.828	12.909
probit	7.401	0.192	105.48	13.465	11.167
log_probit	6.433	0.169	106.421	19.198	nan
multistage_2	51.408	0.0	170.244	3.533	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6
logistic	-0.995183	-0.792221	0.731421	0.891188	-1.255328	1.083167	-0.366366
gamma	nan	nan	nan	nan	nan	nan	nan
weibull	-1.256928	-0.517994	0.988401	1.460339	0.538558	2.056501	-3.136103
log_logistic	-0.06206	-0.032654	0.983583	0.984444	-2.073109	0.218503	-0.061616
probit	-1.294547	-1.000788	0.685923	0.894138	-0.968309	1.461684	-0.615918
log_probit	-0.003059	0.026364	1.013464	1.013464	-2.092306	0.016762	-0.005267
multistage_2	1.371989	1.733508	2.461507	3.043849	2.850076	4.791441	0.340264
quantal_linear	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (logistic)

