

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	4.799	0.309	128.097	5.789	4.552
gamma	nan	nan	nan	nan	nan
weibull	3.631	0.304	129.759	4.297	3.59
log_logistic	4.934	0.177	131.046	6.871	3.995
probit	7.021	0.135	129.293	5.632	4.549
log_probit	5.446	0.142	131.631	6.236	nan
multistage_2	37.001	0.0	160.201	1.064	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	1.081696	0.04929	-0.906853	0.078032	-0.653232	1.539832
gamma	nan	nan	nan	nan	nan	nan
weibull	0.632647	-0.56981	-0.667899	0.949239	-0.970284	0.785872
log_logistic	1.134248	-0.105879	-1.572372	0.754	-0.724731	0.265456
probit	1.092063	0.081819	-0.836014	-0.006542	-0.96244	2.048493
log_probit	1.050308	-0.23605	-1.492167	1.105116	-0.862811	0.30776
multistage_2	1.296362	1.327707	2.645533	4.837029	0.167677	1.770303
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (logistic)

