

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	4.36	0.359	135.129	25.98	20.894
gamma	nan	nan	nan	nan	nan
weibull	5.55	0.136	139.236	15.63	10.04
log_logistic	3.211	0.36	135.947	35.786	23.655
probit	4.55	0.337	135.4	24.589	19.428
log_probit	23.965	0.0	154.524	16059.04	nan
multistage_2	622.697	0.0	389.897	1.605	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.462125	-0.294934	-1.525794	0.999886	0.707803	-0.480605
gamma	nan	nan	nan	nan	nan	nan
weibull	0.348019	-0.238451	-0.923764	1.501586	0.980796	-1.140988
log_logistic	0.73161	0.001713	-1.457585	0.741451	-0.029738	0.012104
probit	0.448785	-0.303275	-1.488201	1.049999	0.778098	-0.578229
log_probit	1.662926	1.137563	0.086839	1.662927	-0.438472	-4.115862
multistage_2	1.296362	1.471745	2.687487	6.13789	15.198988	18.518784
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (logistic)

