

## Summary of Analysis

Dose-response data quality good.  
Best model found:log\_logistic

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	4.618	0.329	80.56	32.203	24.884
gamma	nan	nan	nan	nan	nan
weibull	2.111	0.55	79.476	7.87	4.283
log_logistic	2.077	0.557	79.425	7.362	2.112
probit	4.389	0.356	80.35	29.184	22.284
log_probit	nan	nan	nan	nan	nan
multistage_2	8.978	0.03	92.09	29.813	24.676
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.169844	0.970752	0.936683	0.004851	-1.662503	0.071426
gamma	nan	nan	nan	nan	nan	nan
weibull	-1.1143	0.629803	0.661498	-0.102967	-0.145651	0.053708
log_logistic	-1.111405	0.626354	0.649625	-0.139485	-0.078157	0.041549
probit	-0.203419	0.954384	0.921196	-0.02146	-1.605838	0.096236
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.045953	1.763834	1.699677	1.217723	-0.048176	0.631515
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log\_logistic)

