

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	4.402	0.354	98.695	17.869	13.648
gamma	nan	nan	nan	nan	nan
weibull	0.233	0.972	97.17	4.486	3.069
log_logistic	0.12	0.989	97.045	4.574	1.55
probit	3.954	0.412	98.322	15.877	12.405
log_probit	1193.428	0.0	216.654	0.001	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.422298	0.500929	0.426152	0.61345	-1.844347	0.11647
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.140744	-0.058864	-0.086013	0.410399	-0.180843	0.039255
log_logistic	-0.11268	-0.036005	-0.093869	0.296263	-0.091527	0.033632
probit	0.382125	0.460451	0.386911	0.581803	-1.75774	0.133373
log_probit	-33.020573	2.300961	3.56245	5.885397	6.784681	2.101191
multistage_2	nan	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan	nan

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

