

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	5.676	0.128	97.356	15.638	12.052
gamma	nan	nan	nan	nan	nan
weibull	4.346	0.114	98.256	11.313	8.191
log_logistic	4.157	0.125	98.031	10.99	5.29
probit	5.32	0.15	97.068	14.39	11.039
log_probit	3.803	0.149	97.528	10.75	nan
multistage_2	31.82	0.0	129.385	2.952	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4
logistic	-0.344061	0.5112	1.495441	-1.732458	0.242141
gamma	nan	nan	nan	nan	nan
weibull	-0.726355	0.252311	1.483087	-1.223582	0.241637
log_logistic	-0.743255	0.219325	1.460549	-1.159157	0.28151
probit	-0.453665	0.447853	1.490463	-1.62048	0.257814
log_probit	-0.743075	0.162707	1.389629	-1.091225	0.319537
multistage_2	0.608581	1.546572	3.031374	1.971598	3.997694
quantal_linear	nan	nan	nan	nan	nan

Dose-response with best fit model (probit)

