

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	6.866	0.143	161.301	20.495	16.598
gamma	nan	nan	nan	nan	nan
weibull	5.364	0.147	161.791	29.706	25.907
log_logistic	4.416	0.22	160.899	35.396	24.529
probit	7.099	0.131	161.64	19.215	15.399
log_probit	4.414	0.22	160.895	35.393	nan
multistage_2	463.524	0.0	364.264	1.607	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.20526	0.267929	-1.96748	0.920872	1.186883	-0.790168
gamma	nan	nan	nan	nan	nan	nan
weibull	0.561479	0.561531	-1.884369	0.642005	0.733242	-0.482151
log_logistic	0.606742	0.606742	-1.81895	0.608934	-0.005441	0.002001
probit	0.193204	0.26482	-1.919265	0.983303	1.24978	-0.882662
log_probit	0.606481	0.606481	-1.819432	0.606483	-2.1e-05	1e-05
multistage_2	0.707107	1.470845	1.944025	5.77522	14.544414	14.56669
quantal_linear	nan	nan	nan	nan	nan	nan

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

