

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	53.283	0.0	353.97	7.321	4.957
gamma	131.128	0.0	410.208	0.529	nan
weibull	29.051	0.0	331.358	0.02	0.011
log_logistic	38.533	0.0	340.052	0.111	nan
probit	53.535	0.0	354.149	7.826	5.466
log_probit	4.314	0.505	303.01	0.0	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	6.29751	-1.796464	-1.049464	-1.91779	-1.989116	-0.736732	1.021374	0.274363
gamma	0.333333	-7.373179	-5.204428	-4.443334	-3.078426	-0.4586	2.92364	3.404228
weibull	4.357528	-1.605805	-0.494257	-0.993746	-0.822195	0.620078	2.258704	0.300835
log_logistic	5.178341	-1.333523	-0.164666	-0.620552	-0.411874	1.105338	2.793426	0.577006
probit	6.33535	-1.771897	-1.028935	-1.909	-1.9982	-0.776838	0.943072	0.265412
log_probit	0.130242	-0.671072	0.342095	-0.463552	-0.591068	0.47255	1.564383	-0.703559
multistage_2	nan	nan	nan	nan	nan	nan	nan	nan
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

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

