

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	6.873	0.333	223.981	28.97	23.059
gamma	nan	nan	nan	nan	nan
weibull	3.33	0.649	221.918	13.065	8.942
log_logistic	3.106	0.684	221.658	12.762	5.732
probit	6.35	0.385	223.395	26.989	21.325
log_probit	2.606	0.76	221.094	12.215	nan
multistage_2	137.663	0.0	325.747	3.696	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	-0.045024	1.209042	1.243574	0.177001	-0.6938	-1.122279	-1.242554	0.739615
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.047838	0.775734	0.940998	0.069693	-0.40508	-0.399546	-0.429948	0.481299
log_logistic	-1.051873	0.743501	0.907769	0.038984	-0.400491	-0.343066	-0.351435	0.468888
probit	-0.133386	1.15394	1.193977	0.126079	-0.718064	-1.080435	-1.130698	0.773222
log_probit	-1.024968	0.663329	0.826841	-0.015511	-0.364686	-0.238529	-0.267575	0.412232
multistage_2	0.333333	1.767378	2.052355	1.846968	2.149928	3.211111	4.817976	9.415888
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

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

