

## Summary of Analysis

Dose-response data quality very good.  
Best model found: weibull

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	2.845	0.584	121.343	22.352	18.051
gamma	nan	nan	nan	nan	nan
weibull	0.379	0.945	119.674	7.162	4.776
log_logistic	0.532	0.912	119.814	6.95	2.647
probit	nan	nan	nan	nan	nan
log_probit	0.949	0.814	120.196	6.232	nan
multistage_2	83.16	0.0	193.828	3.065	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	1.184228	0.324322	-0.285203	-1.037644	-0.282553	0.316246
gamma	nan	nan	nan	nan	nan	nan
weibull	0.017607	-0.39273	0.155819	0.151547	0.280511	-0.313919
log_logistic	0.017607	-0.466567	0.173331	0.217125	0.291707	-0.389617
probit	nan	nan	nan	nan	nan	nan
log_probit	0.017607	-0.613289	0.291425	0.374616	0.266003	-0.525743
multistage_2	1.855921	1.578997	2.177006	2.955198	5.160691	6.092397
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (weibull)

