

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	2.678	0.613	145.598	17.257	14.017
gamma	nan	nan	nan	nan	nan
weibull	0.23	0.973	145.339	13.556	11.673
log_logistic	0.553	0.907	145.671	16.715	10.849
probit	2.94	0.568	145.872	16.314	13.373
log_probit	0.536	0.911	145.658	17.042	nan
multistage_2	7.783	0.051	154.615	9.62	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.629149	0.404589	0.407601	-0.767842	-0.503822	1.053214
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.052889	-0.115041	0.378448	-0.100581	-0.193278	0.151058
log_logistic	0.318444	-0.289755	-0.058355	-0.153757	0.41595	-0.409328
probit	0.559256	0.39447	0.450375	-0.704053	-0.845611	1.028563
log_probit	0.428055	-0.332016	-0.169315	-0.046689	0.341927	-0.307825
multistage_2	1.296362	1.460593	1.728065	0.95833	0.20247	0.153449
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (weibull)

