

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	2.499	0.869	135.571	0.004	0.004
gamma	3.583	0.611	138.205	0.004	0.002
weibull	19.728	0.001	158.294	0.006	nan
log_logistic	3.446	0.632	138.162	0.004	0.002
probit	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	7.787	0.254	139.673	0.002	0.001

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.874852	-0.251552	0.91441	-0.103271	-0.846127	-0.183229	-0.244002	0.118757
gamma	0.822817	-0.413921	0.826629	-0.357705	-1.178051	-0.040348	0.6546	-0.32524
weibull	1.677125	1.036264	1.682489	1.059855	0.503445	0.763636	0.063099	-3.323722
log_logistic	0.859195	-0.327613	0.861699	-0.292642	-1.200003	-0.231261	0.487068	-0.20411
probit	nan	nan	nan	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan	nan	nan	nan
quantal_linear	0.273348	-1.387102	0.715292	-0.004125	0.022331	1.121794	1.303961	-1.52236

Dose-response with best fit model (logistic)

