

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	24.383	0.0	277.652	6.065	5.079
gamma	nan	nan	nan	nan	nan
weibull	8.004	0.156	266.882	2.512	2.079
log_logistic	5.52	0.356	264.136	3.311	2.03
probit	26.588	0.0	280.962	6.296	5.372
log_probit	4.913	0.427	263.41	3.303	nan
multistage_2	12.473	0.029	272.278	3.692	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.345877	2.293623	1.568523	-0.839935	-1.613963	-1.280268	-0.698979	3.332291
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.458516	1.607476	1.107832	-0.601476	-0.57648	-0.104893	-0.641816	0.97368
log_logistic	-1.333527	1.37512	0.738264	-0.867346	-0.30016	0.587599	-0.291942	0.181358
probit	0.46843	2.376931	1.659633	-0.749759	-1.634071	-1.624461	-1.402752	3.182006
log_probit	-1.322939	1.273905	0.640069	-0.767151	-0.17502	0.534012	-0.397527	0.260496
multistage_2	-0.777778	1.763834	1.11384	-1.017551	-1.407765	-1.241915	-1.708874	0.189832
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

