

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	4.327	0.633	215.48	8.565	7.09
gamma	nan	nan	nan	nan	nan
weibull	0.981	0.964	213.809	3.688	2.778
log_logistic	1.062	0.957	213.886	3.676	1.804
probit	3.82	0.701	214.863	7.915	6.554
log_probit	1.078	0.956	213.9	3.58	nan
multistage_2	23.516	0.0	238.986	2.514	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.945036	0.966823	0.575324	-0.41895	-1.08953	-0.712347	-0.315108	0.445822
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-0.16106	0.450834	0.227636	-0.396558	-0.520505	0.206702	0.430191	-0.209666
log_logistic	-0.131395	0.40023	0.176149	-0.418542	-0.479	0.297357	0.500432	-0.332016
probit	0.855814	0.896686	0.503338	-0.477233	-1.090377	-0.629676	-0.19179	0.424228
log_probit	-0.079383	0.286328	0.08981	-0.41349	-0.375321	0.415742	0.540462	-0.452683
multistage_2	1.334595	1.610765	1.558596	1.135536	1.1113	1.90411	2.351747	2.242843
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (weibull)

