

Summary of Analysis

Data resolution poor. Caution advised.
Best model found:weibull

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	6.945	0.139	223.684	25.935	15.254
gamma	3.11	0.375	220.69	0.124	0.026
weibull	1.173	0.76	218.891	0.0	nan
log_logistic	1.299	0.729	219.01	0.0	nan
probit	61.929	0.0	254.193	20.717	7.632
log_probit	1.264	0.738	218.978	0.0	nan
multistage_2	6.934	0.074	225.598	22.432	nan
quantal_linear	6.934	0.139	223.598	22.432	10.888

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	2.098367	-1.317936	-0.86797	0.177364	-0.076637	0.11776
gamma	0.531603	-1.401531	-0.399814	0.772295	0.293177	0.14607
weibull	0.001171	-0.376675	0.051883	0.8992	-0.115249	-0.454342
log_logistic	0.084011	-0.623136	-0.025693	0.900373	-5.2e-05	-0.303039
probit	-0.0	-5.789143	-4.570514	-2.501689	-1.125372	-0.0
log_probit	0.058307	-0.581394	-0.010298	0.902239	-0.018837	-0.328649
multistage_2	2.055312	-1.373426	-0.874479	0.218507	-0.00933	0.104558
quantal_linear	2.055315	-1.373418	-0.874468	0.218521	-0.009306	0.104582

Dose-response with best fit model (weibull)

