

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	17.086	0.002	140.71	9.629	7.696
gamma	nan	nan	nan	nan	nan
weibull	7.49	0.058	132.817	4.546	3.748
log_logistic	5.31	0.15	130.216	5.233	3.23
probit	16.599	0.002	140.472	9.153	7.462
log_probit	nan	nan	nan	nan	nan
multistage_2	20.881	0.0	149.342	13.646	8.897
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.8099	1.650077	0.400354	-1.767981	-1.945694	2.575861
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.793304	1.011394	0.553676	-0.466272	-1.647136	1.612604
log_logistic	-0.790701	0.835986	0.262538	-0.183796	-1.291236	1.48851
probit	0.696631	1.577753	0.343162	-1.756155	-2.161763	2.397816
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.133893	1.830901	0.338023	-2.296338	-3.270454	0.400356
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

