

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	5.859	0.21	180.43	12.436	10.226
gamma	nan	nan	nan	nan	nan
weibull	3.543	0.315	180.031	22.518	20.211
log_logistic	1.831	0.608	178.342	30.669	22.919
probit	6.144	0.189	180.747	11.368	9.44
log_probit	1.831	0.608	178.343	31.125	nan
multistage_2	735.874	0.0	373.97	1.056	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.02398	0.080624	-1.11486	0.233538	1.697323	-1.293642
gamma	nan	nan	nan	nan	nan	nan
weibull	0.518676	0.518765	-1.072652	-0.36154	1.031772	-0.812098
log_logistic	0.650701	0.650701	-0.912117	-0.389869	0.001115	-0.00077
probit	-0.059675	0.062394	-1.060824	0.349496	1.774843	-1.318515
log_probit	0.651115	0.651115	-0.911566	-0.390672	-3e-06	-1e-06
multistage_2	0.117851	1.33473	3.02236	6.817855	22.491064	13.138211
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

