

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	9.715	0.046	155.642	0.217	0.17
gamma	3.005	0.391	155.507	0.183	0.057
weibull	3.154	0.368	155.783	0.149	0.116
log_logistic	1.156	0.764	153.808	0.328	0.178
probit	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	3.445	0.486	154.338	0.104	0.079

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	0.268029	0.295236	0.43011	-1.324712	2.758544	-0.078078
gamma	-0.121729	-0.035533	0.830922	-1.123026	0.99106	-0.235655
weibull	-0.242918	0.080196	0.951719	-1.17988	0.854272	-0.247672
log_logistic	0.141035	-0.244001	0.271851	-0.376714	0.818923	-0.435792
probit	nan	nan	nan	nan	nan	nan
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan	nan
quantal_linear	-0.491467	0.245813	1.314986	-1.069847	0.312432	-0.414793

Dose-response with best fit model (log_logistic)

