

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	20.45	0.002	290.799	5.074	4.274
gamma	nan	nan	nan	nan	nan
weibull	6.45	0.265	278.075	1.406	1.116
log_logistic	5.558	0.352	277.039	1.681	0.859
probit	19.608	0.003	289.784	4.829	4.117
log_probit	5.783	0.328	277.19	1.788	nan
multistage_2	327.792	0.0	404.664	0.691	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	1.790241	0.475104	1.560143	-0.46449	0.109213	-2.206434	-2.218364	2.137296
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-0.129368	-0.538092	1.221281	-0.268523	0.893995	-0.850436	-1.344322	1.118258
log_logistic	0.052924	-0.837509	1.056669	-0.368999	0.963972	-0.618989	-1.137895	0.996805
probit	1.701101	0.372403	1.489919	-0.537145	0.081024	-2.197704	-2.245125	2.047026
log_probit	0.210996	-1.030577	0.999419	-0.338132	1.041801	-0.562252	-1.169962	0.890295
multistage_2	1.444444	1.361924	2.94034	2.353544	4.204458	3.871753	5.02257	15.867319
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

