

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	15.254	0.004	98.551	43.822	36.586
gamma	nan	nan	nan	nan	nan
weibull	25.195	0.0	128.069	15.267	12.398
log_logistic	2.181	0.536	96.764	48.582	41.565
probit	31.923	0.0	101.699	39.992	32.845
log_probit	nan	nan	nan	nan	nan
multistage_2	36.412	0.0	145.096	21.375	20.872
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-3.685534	0.324357	0.698845	0.982333	-0.292831	-0.162028
gamma	nan	nan	nan	nan	nan	nan
weibull	-1.137264	1.257851	2.254266	2.782856	0.049569	-3.080768
log_logistic	-1.137258	0.557448	0.558067	0.335294	-0.331381	0.208755
probit	-5.375328	0.273535	0.78585	1.361553	-0.012814	-0.694708
log_probit	nan	nan	nan	nan	nan	nan
multistage_2	1.257237	1.846897	2.651305	3.99298	2.818338	0.709895
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_logistic)

