

Summary of Analysis

Data resolution poor. Caution advised.

Best model found:log_logistic

Model fit might be unreliable.

p-val for chi-squared statistic was < 0.1 for all converged models.

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	103.938	0.0	216.229	3.692	2.873
gamma	94.064	0.0	196.878	1.189	nan
weibull	53.276	0.0	157.229	0.024	0.016
log_logistic	53.792	0.0	145.343	0.31	0.108
probit	102.965	0.0	218.868	4.284	3.481
log_probit	144116.887	0.0	395.903	0.026	nan
multistage_2	113.956	0.0	203.465	1.615	nan
quantal_linear	164.897	0.0	197.059	1.251	0.99

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	4.392863	4.193118	-5.732388	-3.975073	-1.070258	4.153539
gamma	1.296362	1.713039	-7.404415	-4.31477	-1.020021	3.868611
weibull	-0.235253	4.110748	-4.099532	-2.19047	-0.492155	3.804655
log_logistic	-0.350379	2.875874	-3.810727	-1.530654	0.218898	5.337203
probit	4.519064	4.298091	-5.732597	-4.132766	-1.437822	3.472655
log_probit	-0.383569	17.689321	-0.40697	12.290589	62.356201	373.850648
multistage_2	1.296362	1.467505	-7.700698	-4.23442	-0.51328	5.712067
quantal_linear	1.296362	1.649005	-6.796306	-3.414383	0.480344	10.12019

Dose-response with best fit model (log_logistic)

