

Summary of Analysis

Data resolution poor. Caution advised.

Best model found: log_probit

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	11.151	0.025	151.466	21.101	17.225
gamma	nan	nan	nan	nan	nan
weibull	10.026	0.018	155.548	21.178	16.953
log_logistic	7.058	0.07	149.184	32.016	22.244
probit	11.58	0.021	152.232	19.695	15.91
log_probit	7.05	0.07	149.122	31.991	nan
multistage_2	61470.725	0.0	840.751	0.609	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-0.867642	-2.261431	0.914684	1.863762	0.682563	-0.712488
gamma	nan	nan	nan	nan	nan	nan
weibull	0.172434	-0.975855	1.447704	2.242693	0.986026	-0.972831
log_logistic	-0.510108	-1.889936	0.870039	1.569192	-0.074847	0.036959
probit	-0.843932	-2.211881	0.964334	1.929324	0.754723	-0.867859
log_probit	-0.518082	-1.900746	0.864581	1.556171	-0.00457	0.002613
multistage_2	0.117851	1.144633	6.879877	14.664924	101.300555	225.710447
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

