

Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	5.287	0.259	169.264	16.411	13.481
gamma	nan	nan	nan	nan	nan
weibull	3.315	0.346	168.848	22.751	19.92
log_logistic	2.257	0.521	167.813	28.491	18.465
probit	5.788	0.216	169.909	15.101	12.413
log_probit	2.208	0.53	167.741	28.78	nan
multistage_2	1373.997	0.0	453.964	1.053	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5
logistic	-1.100594	-0.332818	-0.565066	1.661528	0.658446	-0.671714
gamma	nan	nan	nan	nan	nan	nan
weibull	-0.829183	-0.192198	-0.781663	1.291924	0.380951	-0.406107
log_logistic	-0.602286	0.003649	-0.601478	1.234844	-0.073326	0.044099
probit	-1.108944	-0.325247	-0.500633	1.743156	0.736121	-0.788267
log_probit	-0.605974	0.000439	-0.605974	1.214007	-0.006702	0.004326
multistage_2	-0.471405	1.337442	3.740788	8.388581	23.731213	26.915673
quantal_linear	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)

