Summary of Analysis

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

Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	41.843	0.0	213.212	9.959	8.351
gamma	nan	nan	nan	nan	nan
weibull	14.244	0.014	198.311	5.911	5.082
log_logistic	7.097	0.214	190.497	7.466	5.457
probit	37.295	0.0	215.488	9.921	8.422
log_probit	6.913	0.227	190.317	7.393	nan
multistage_2	25.447	0.0	219.538	3.733	nan
quantal_linear	nan	nan	nan	nan	nan

Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.319998	1.084338	1.799625	1.480705	0.186977	-2.686638	-1.820711	4.956392
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.441764	0.094566	1.299605	1.304616	0.735869	-1.374117	-1.662101	1.89029
log_logistic	-1.292621	-0.124265	1.045044	0.78072	0.383001	-0.734906	-0.754511	1.566118
probit	0.306516	1.081434	1.80238	1.494054	0.195132	-2.929829	-2.642456	3.865985
log_probit	-1.24271	-0.148023	0.976362	0.664142	0.490956	-0.731747	-1.013265	1.466068
multistage_2	0.888889	1.763834	2.513966	2.658164	2.137555	-0.466875	-1.819192	0.251976
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log_probit)