

## Summary of Analysis

Dose-response data quality good.  
Best model found: log\_logistic

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	11.478	0.075	284.953	13.344	11.145
gamma	nan	nan	nan	nan	nan
weibull	5.036	0.411	279.281	4.851	3.805
log_logistic	4.694	0.454	278.789	5.099	2.572
probit	10.941	0.09	284.254	12.623	10.672
log_probit	67.382	0.0	344.397	13725169823.925	nan
multistage_2	21.018	0.001	294.584	3.719	nan
quantal_linear	nan	nan	nan	nan	nan

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.355724	1.899529	1.485472	-0.625605	-1.417661	-1.05243	-0.9859	1.027758
gamma	nan	nan	nan	nan	nan	nan	nan	nan
weibull	-1.111938	1.278919	1.014923	-0.692958	-0.780279	0.100782	0.004666	0.186941
log_logistic	-1.093478	1.188762	0.900776	-0.782226	-0.705446	0.333612	0.223085	-0.051699
probit	0.264902	1.842626	1.429315	-0.681336	-1.432638	-1.015192	-0.966299	0.975295
log_probit	2.194636	3.315301	2.941746	1.073971	-0.046694	-0.793804	-3.035134	-5.650019
multistage_2	-0.222222	1.765513	1.581697	0.196385	0.323586	1.5192	1.977354	2.998137
quantal_linear	nan	nan	nan	nan	nan	nan	nan	nan

Dose-response with best fit model (log\_logistic)

