

## Summary of Analysis

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

# Model Predictions

Model	Chi-squared	p-val	AIC	BMD10	BMDL10
logistic	10.467	0.106	156.804	0.228	0.19
gamma	7.27	0.201	155.039	0.262	0.194
weibull	9.148	0.103	157.337	0.234	0.207
log_logistic	6.033	0.303	153.623	0.275	0.211
probit	10.961	0.09	157.415	0.212	0.177
log_probit	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan
quantal_linear	23.694	0.001	176.983	0.077	0.061

# Scaled Residuals

Model	dose0	dose1	dose2	dose3	dose4	dose5	dose6	dose7
logistic	0.210815	-0.599994	-1.394061	1.307496	0.173701	1.723417	-1.533739	1.02824
gamma	0.362999	-0.491902	-1.346701	1.219759	-0.385893	1.315975	-1.093406	0.719891
weibull	0.300854	-0.574114	-1.438998	1.223517	-0.092901	1.673534	-1.408789	0.60484
log_logistic	0.359235	-0.497132	-1.353332	1.217477	-0.418586	1.141344	-0.652855	0.662897
probit	0.118293	-0.705274	-1.507107	1.290408	0.214385	1.829729	-1.636839	0.663513
log_probit	nan	nan	nan	nan	nan	nan	nan	nan
multistage_2	nan	nan	nan	nan	nan	nan	nan	nan
quantal_linear	-0.475239	-0.748351	-1.164069	1.739917	1.492172	3.242205	-0.602875	-2.32895

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

