

Web-based Supplementary Table for *Analysis of Capture-Recapture Models with
Individual Covariates Using Data Augmentation* by J.A. Royle

Web Table 1: Table summarizing sensitivity of parameter estimates to choice of individual covariate distribution

Table 1: Sensitivity of the posterior of N to choice of $g(x)$ for several choices of g : normal, double exponential, log-normal, logistic, t-distribution with 2 df, and chi-square. The posterior mean, standard deviation, Monte Carlo error, and the posterior mean deviance are given.

distn	N			body mass			deviance		
	mean	sd	MCerr	mean	sd	MCerr	mean	sd	MCerr
normal	64.00	7.46	0.23	1.02	0.19	0.005	518.4	20.42	0.55
dexp	65.76	6.54	0.12	1.03	0.18	0.004	529.1	18.27	0.31
lognorm	64.44	8.88	0.34	1.02	0.20	0.006	532.5	23.18	0.75
logis	63.40	6.36	0.18	1.00	0.18	0.006	518.4	18.55	0.48
t-2 df	65.04	5.77	0.11	1.02	0.17	0.004	527.1	16.69	0.31
Chi-sq	63.07	6.86	0.29	1.00	0.18	0.006	522.9	20.27	0.73