Prior information p1 ~ uniform(0, p2); cutoff_outlier.csv

The MCMC Procedure

Number of Observations Read	68
Number of Observations Used	68

Parameters

Block	Parameter	Sampling Method	Initial Value	Prior Distribution
1	w	Inverse CDF	1.0000	binary(l)
2	l	Conjugate	0.5000	beta(1,1)
3	cp1	N-Metropolis	8.0000	uniform(1,15)
	cp2		5.0000	normal(5,sd=1)
	p1		0.4250	uniform(0, p2)
	p2		0.8500	uniform(0.7, 1)

Prior information p1 ~ uniform(0, p2); cutoff_outlier.csv

The MCMC Procedure

Posterior Summaries and Intervals

Parameter	N	Mean	Standard Deviation	95% HPD Interval	
p1	10000	0.4756	0.0620	0.3524	0.5946
p2	10000	0.8595	0.0857	0.7169	0.9994
cp	10000	5.7118	1.9578	3.5633	11.3464
l	10000	0.4143	0.2788	0.000361	0.9102
w	10000	0.2464	0.4309	0	1.0000

Prior information p1 ~ uniform(0, p2); cutoff_outlier.csv

The MCMC Procedure

Effective Sample Sizes

Parameter	ESS	Autocorrelation Time	Efficiency
p1	7546.6	1.3251	0.7547
p2	10282.7	0.9725	1.0283
cp	4100.1	2.4389	0.4100
l	9673.8	1.0337	0.9674
w	7999.0	1.2501	0.7999

Prior information p1 ~ uniform(0, p2); cutoff_outlier.csv

The MCMC Procedure