Prior information p1 ~ uniform(0, p2)

The MCMC Procedure

Number of Observations Read	69
Number of Observations Used	69

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)

The MCMC Procedure

Posterior Summaries and Intervals

Parameter	N	Mean	Standard Deviation	95% HPD Interval	
p1	10000	0.4757	0.0623	0.3547	0.5963
p2	10000	0.8703	0.0851	0.7214	1.0000
cp	10000	5.5897	1.7139	3.6561	10.1833
l	10000	0.4111	0.2771	0.000197	0.9086
w	10000	0.2409	0.4277	0	1.0000

Prior information p1 ~ uniform(0, p2)

The MCMC Procedure

Effective Sample Sizes

Parameter	ESS	Autocorrelation Time	Efficiency
p1	5876.8	1.7016	0.5877
p2	10000.0	1.0000	1.0000
cp	5537.5	1.8059	0.5538
l	9700.0	1.0309	0.9700
w	6576.8	1.5205	0.6577

Prior information p1 ~ uniform(0, p2)

The MCMC Procedure