

Prior information p1 ~ uniform(0, 0.5)

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		0.2500	uniform(0, 0.5)
	p2		0.8500	uniform(0.7, 1)

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Posterior Summaries and Intervals					
Parameter	N	Mean	Standard Deviation	95% HPD Interval	
p1	10000	0.4401	0.0422	0.3617	0.5000
p2	10000	0.8781	0.0840	0.7253	1.0000
cp	10000	5.4496	1.4670	3.5004	8.3552
l	10000	0.4083	0.2751	0.000078	0.9005
w	10000	0.2217	0.4154	0	1.0000

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Effective Sample Sizes			
Parameter	ESS	Autocorrelation Time	Efficiency
p1	9383.9	1.0657	0.9384
p2	10000.0	1.0000	1.0000
cp	6969.6	1.4348	0.6970
l	8106.5	1.2336	0.8106
w	4108.7	2.4339	0.4109

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