

Results-PGM-Assignment-3-Part-1
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1)tree

Algorithm	Ch-Acc	Wd-Acc	LL	Time (seconds)
Gibbs	253/373	13/84	-181.844	33

2)treeWS

Algorithm	Ch-Acc	Wd-Acc	LL	Time (seconds)
Gibbs	602/906	28/184	-300.852	145

3)loopy

Algorithm	Ch-Acc	Wd-Acc	LL	Time (seconds)
Gibbs	78/139	2/28		12

4)loopyWS

Algorithm	Ch-Acc	Wd-Acc	LL	Time (seconds)
Gibbs	426/648	13/130	-263.746	60

I tried various burn in sample number but found 5 percent was enough.
As expected we can see graph at first fluctuated but stabilized after some time i have started with 100 - 17000 samples with a variation of 500.Graph can be seen in next page

