

**WASTE INCINERATOR**

No latent variables			Mout as latent			Mout & E as latent		
Window Size	logProg(D)	Time	Window Size	logProg(D)	Time	Window Size	logProg(D)	Time
1	-39522.65	3.024 s	1	-15751.14	3.181 s	1	5155.91863	3.865 s
50	19836.71	2.275 s	50	3527.32	4.426 s	50	10139.4667	5.393 s
100	28139.79	2.965 s	100	11739.67	7.379 s	100	11540.5365	8.686 s
1000	29969.70	24.76 s	1000	13516.53	1.273 min	1000	11791.1758	1.400 min
5000	29990.47	2.132 min	5000	13540.92	2.130 min	5000	11846.8799	7.786 min
10000	29991.23	4.009 min	10000	13541.63	4.074 min	10000	11849.7361	14.85 min

**NORMAL | 1NORMAL PARENT**

No latent variables			A as latent (child)		
Window Size	logProg(D)	Time	Window Size	logProg(D)	Time
1	-47747.958	871.0 ms	1	-23626.566	985.5 ms
50	-29544.898	286.7 ms	50	-23623.827	304.5 ms
100	-29554.462	294.1 ms	100	-23623.847	273.0 ms
1000	-29547.519	603.0 ms	1000	-23623.811	311.8 ms
5000	-29544.533	2.804 s	5000	-23623.809	446.1 ms
10000	-29544.391	5.629 s	10000	-23623.815	316.8 ms

**ASIA**

No latent variables			E as latent variable		
Window Size	logProg(D)	Time	Window Size	logProg(D)	Time
1	-45726.19	2.338 s	1	-42248.83	2.950 s
50	-45726.19	474.8 ms	50	-42296.68	817.6 ms
100	-45726.19	393.1 ms	100	-42294.14	1.101 s
1000	-45726.19	559.6 ms	1000	-42202.16	7.566 s
5000	-45726.19	704.6 ms	5000	-42192.05	30.38 s
10000	-45726.19	1.286 s	10000	-42187.45	4.202 min