

	BA4(LT)	BA4(IC)	BA8(LT)	BA8(IC)	WS(LT)	WS(IC)
Node	1000	1000	1000	1000	1000	1000
Batch size	100	100	100	100	100	100
Learning rate	0.01	0.01	0.01	0.01	0.01	0.01
Iteration	1500	1500	1500	1500	1500	1500
Training Sample size	50000	50000	50000	50000	50000	50000
Hidden layer neurons	30000	30000	30000	30000	30000	30000
λ	0.6	0.3	0.7	0.9	0.5	0.3

Table 1 : Network model

	soc-twitter-copen (LT)	soc-twitter-copen (IC)	rt-wiki-vote (LT)	rt-wiki-vote (IC)	bcspwr06 (LT)	bcspwr06 (IC)
Node	761	761	889	889	1454	1454
Batch size	100	100	100	100	100	100
Learning rate	0.01	0.01	0.01	0.01	0.01	0.01
Iteration	1500	1500	1500	1500	2000	2000
Training Sample size	50000	50000	50000	50000	100000	100000
Hidden layer neurons	30000	30000	30000	30000	50000	50000
λ	0.7	0.4	0.9	0.3	0.7	0.3

Table 2 : Three real-world network data sets

	Real-data
Node	1000
Batch size	100
Learning rate	0.01
Iteration	1000
Training Sample size	29265
Hidden layer neurons	30000
λ	0.9

Table 3 : Real dataset