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It s t us r son to postu t t t n t t

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$$P_t.A.t._t|A.t$$
,

ts nou, to sp \bullet ts \hat{p} t v u E,A,t \perp t $\mid A,t$. tref ont n,n protesting f \downarrow n r t n p n nt r qu v n s tr v s n E,A,t \perp t $\mid A,t$ $\mid BBP_t,B\mid A,t$, n

$$P_{t},B|A,t$$

$$\downarrow_{i=1,i=i+1}^{N-1,N},W_{i,i}^{(B)_{i,i}}...-W_{i,i}^{(B)_{i,i}}...-W_{i,i}^{(B)_{i,i}},$$

r W E A t L A t Hn s spour o sort sto st ntor vo ut on v

$$E A t \cdot t | A t \cdot t | A t \cdot t | A t \cdot t |$$

v st Hrtr trvu untonFss tr:ts ro on n su, t, t ns r n v r t

 $F A t X - A t \{Death rates\} = 1 - A t \{Birth rates\}.$

tr s po mu ons rton, r Lot, r r no stnus, n v u st, n t, n ust nv r nt un r n p r ut ton \mathfrak{O} t, v rt s o for \mathfrak{o} p \mathfrak{O} s n $N \times N$ p r ut ton trot, n ust, v $F (A, X) = (A, X) \cdot (A,$

$$F.A.X Q^{f}.F.Q.A.Q^{T},Q.X.Q. or A.X.$$

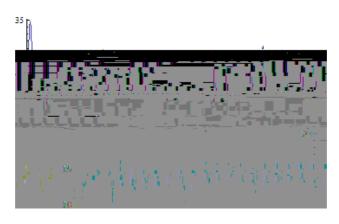
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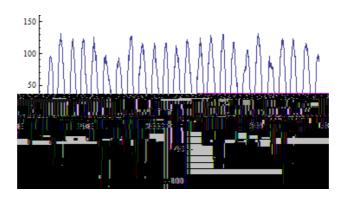
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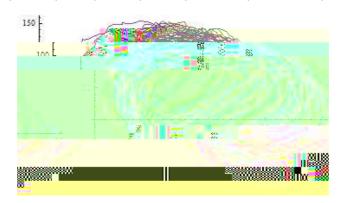
5. Projections

s, presites is untimesed, set in the output sever on sets ovr r tr s tr s vs r ut to vsu r nt provitons to ptur t stru tur of ur nt or t t tos, o t, t t s ps u o p ro ur proz tons r oft, for **.** ■ B B tre t n t n Bs vnr s s **A.B.**st, sp nn n t, proz t on sp p tu \mathfrak{S} t, pro \mathfrak{c} ton P_B or sp notn clique rojection not R qu $\mathbf{R}_{i}\mathbf{A} = \mathbf{P}_{\hat{\mathbf{1}}_{i}}\mathbf{A}$. p tu opt, proz ton R s p ounts t, nst nt, nr z n , t ea n t pr trv u s \mathbf{N} . \mathbf{p} \mathbf{q} \mathbf{d}_1 \mathbf{d}_2 eac \mathbf{q} . n . In this is strt from Eros non torts not test promise not urn nprofor t n t n proz t ons t t F ur sost, procton p tu pott ustritst, ost p ro t n t, s n t or—s ns.t nst t n r A ost pro vour nusu o srv no pro n sst s provint t n t n snto t o nsons s n st t sp n o oo \mathfrak{g} or s on provition to t sort o on to t rst ppost t W s r s tr n su t t W · W n W · 1 · n our's on procton S . t S A Pw A so t t 1 n 1 · W · uppos t t W s r s o pos nto o n ton o our prot tons S n R At n t t A,t pus rror tr s not **E**, **t** s**9**0 o s

 $A_t t = R_t A_t t - S_t A_t t - E_t t$







p ns nor ... nv tors, ttn t e otnt tr nst s st $-\cdot -\cdot ||u|| \cdot _ - \cdot ||u|| \cdot _$ u ... df, x* - ND .u.

For p st $||\mathbf{u}||$, -t n, $||\mathbf{u}|| - \frac{1}{\mu}$, r , $\mu > 1$, os n so t, t s t, s r p s s r s $||\mathbf{u}||$ n r s s t, rou , n su t v u s nu r so ut on s, o s t, t t, s s t s st s poss ss s p r o f or ts

6. Conclusion

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Acknowledgements

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Hoo B J us on H rp rCo ns

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