## Migration thresholds

$$P_{N}(V_{T} < \overline{d}_{1}) = P_{N}i$$

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$$= 9(\frac{L_{N}(\overline{d}_{1}(V_{0}) - (L_{N} - \frac{1}{2}C_{N}^{2})T}{C_{N}T})$$

 $N^{-1}(P_{j,1}) = In(J_{1}/V_{0}) - (8\mu_{V} - \frac{1}{2}\sigma_{V})T$   $N^{-1}(P_{j,1}) = In(J_{1}/V_{0}) + (\mu_{V} - \frac{1}{2}\sigma_{V})T = In(J_{1}/V_{0})$ 

V, exp[N'(PJI) JF + (UT-302)] = J. Note to This only works if J = B and . . . 21-

sorkail 
$$\tilde{J}_{i} = B$$
 and  $P_{i} = B \mathcal{P}\left(\frac{h(B/V_0) - (\lambda_V - 2\nabla_V^2)T}{\nabla_V JT}\right)$ 

 $Nov = \Re\left(\frac{\ln(\tilde{\partial}_{z}/V_{o}) - (\mu_{V} - \frac{1}{2}\sigma_{V}^{2})T}{\sigma_{V}T}\right)$   $V_{o} \exp\left[N'(\rho_{j} + \rho_{j}^{2})\sigma_{J}T + (\mu_{T} - \frac{1}{2}\sigma_{V}^{2})T\right] = \tilde{d}_{z}$   $V_{o} \exp\left[N'(\rho_{j} + \rho_{j}^{2})\sigma_{J}T + (\mu_{T} - \frac{1}{2}\sigma_{V}^{2})T\right] = \tilde{d}_{z}$   $V_{o} \exp\left[N'(\rho_{j} + \rho_{j}^{2})\sigma_{J}T + (\mu_{T} - \frac{1}{2}\sigma_{V}^{2})T\right] = \tilde{d}_{z}$ 

Thus
$$d_{k} = \frac{\ln d_{k} - \ln V_{0} - (\mu_{V} - \frac{1}{2} \sigma_{V})T}{\sigma_{T}}$$

$$= N^{T}(P_{j_{1}} + \cdots + P_{j_{k}})$$