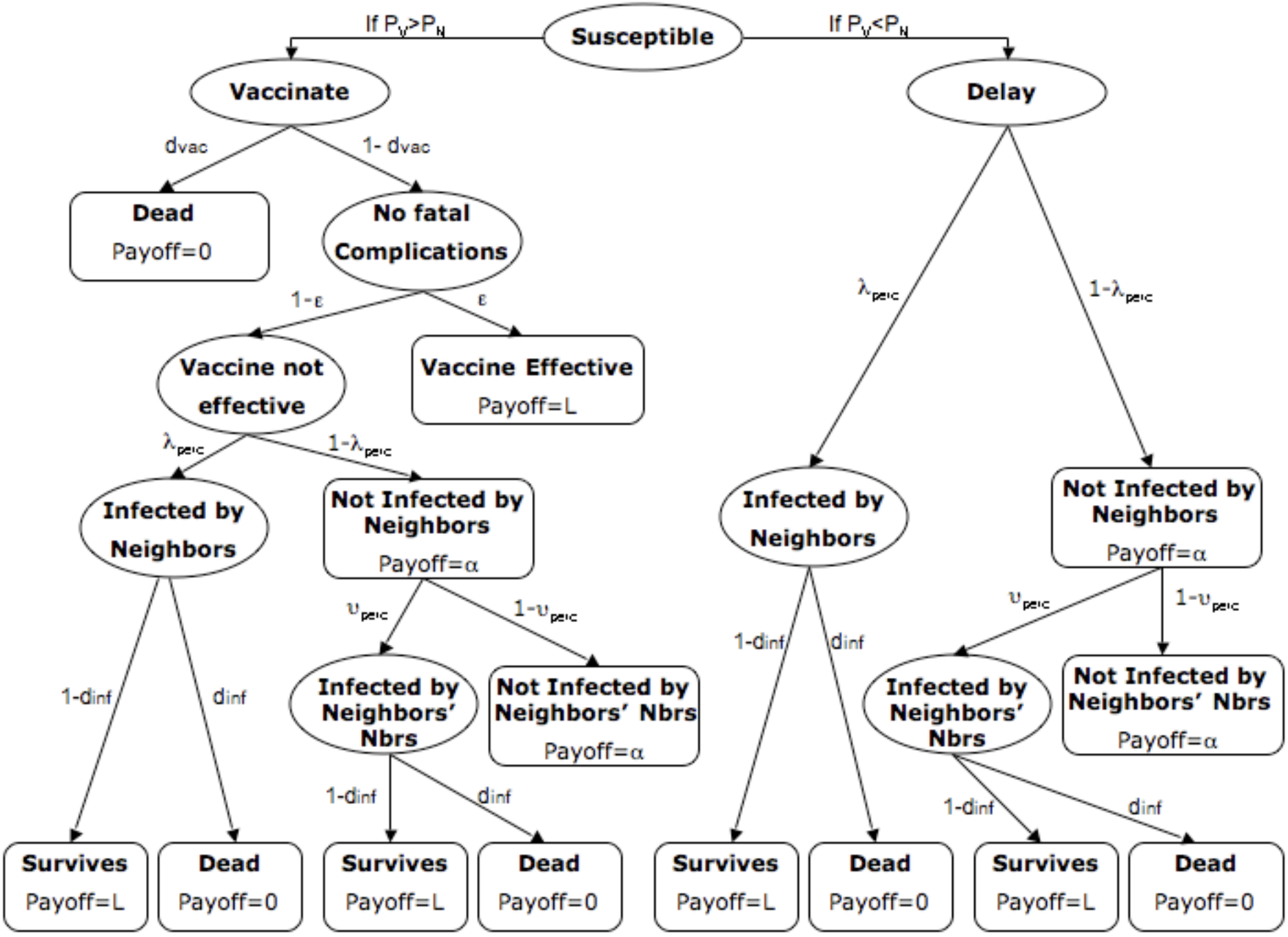
Susceptible
If $P_V > P_N$
If $P_V < P_N$
Vaccinate
Delay
dvac
1- dvac
Dead
Payoff=0
No fatal Complications
1-ε
ε
Vaccine not effective
Vaccine Effective
Payoff=L
λ_{peic}
$1-\lambda_{peic}$
Infected by Neighbors
Not Infected by Neighbors
Payoff=α
υ_{peic}
$1-\upsilon_{peic}$
1-dinf
dinf
Infected by Neighbors' Nbrs
Not Infected by Neighbors' Nbrs
Payoff=α
Survives
Payoff=L
Dead
Payoff=0