Distance from window with causal mutations.  $Pr(\gamma >= \hat{\gamma}) = 0.75$  $Pr(\gamma >= \hat{\gamma}) = 0.75$  $Pr(\gamma >= \hat{\gamma}) = 0.75$  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 0.0 -0.5-1.0  $Pr(\gamma >= \hat{\gamma}) = 0.5$  $Pr(\gamma >= \hat{\gamma}) = 0.5$  $Pr(\gamma >= \hat{\gamma}) = 0.5$  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 0.0 -0.5-1.0 $Pr(\gamma >= \hat{\gamma}) = 0.25$  $Pr(\gamma >= \hat{\gamma}) = 0.25$  $Pr(\gamma >= \hat{\gamma}) = 0.25$  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ Mean H 0.0 -0.5-1.0 $Pr(\gamma >= \hat{\gamma}) = 0.1$  $Pr(\gamma >= \hat{\gamma}) = 0.1$  $Pr(\gamma >= \hat{\gamma}) = 0.1$  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 0.0 -0.5-1.0 $Pr(\gamma >= \hat{\gamma}) = 0.05$  $Pr(\gamma >= \hat{\gamma}) = 0.05$  $Pr(\gamma >= \hat{\gamma}) = 0.05$  $\mu = 0.001$  $\mu = 0.00025$  $\mu = 0.005$ 0.0 -0.5-1.05 -1 5 –1 3 3 4 3

Time since optimum shift (units of N generations)