Distance from window with causal mutations. 2

5

 $Pr(|\gamma| >= \hat{\gamma}) = 0.75$  $Pr(|\gamma| >= \hat{\gamma}) = 0.75$ = 0.75 $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 0.0 -0.2 -0.4 -0.6 -0.8  $Pr(|\gamma| >= \dot{\gamma}) = 0.5$  $Pr(|\gamma| >= \hat{\gamma}) = 0.5$  $Pr(|\gamma| >= \hat{\gamma}) = 0.5$  $\mu = 0.001$  $\mu = 0.00025$  $\mu = 0.005$ 0.0 -0.2 -0.4 -0.6 -0.8  $Pr(|\gamma| >= \hat{\gamma}) = 0.25$  $Pr(|\gamma| >= \hat{\gamma}) = 0.25$  $Pr(|\gamma| >= \hat{\gamma}) = 0.25$ Mean Tajima's D  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 0.0 -0.2 -0.4 -0.6 -0.8  $Pr(|\gamma| >= \dot{\gamma}) = 0.1$  $Pr(|\gamma| >= \dot{\gamma}) = 0.1$  $Pr(|\gamma| >= \hat{\gamma}) = 0.1$  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 0.0 -0.2 -0.4 -0.6 -0.8  $Pr(|\gamma| >= \hat{\gamma}) = 0.05$  $Pr(|\gamma| >= \hat{\gamma}) = 0.05$  $Pr(|\gamma| >= \hat{\gamma}) = 0.05$  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 5 - 1**-1** 3 5 - 13 5 Time since optimum shift (units of N generations)