Distance from window with causal mutations.  $Z_0 = 1$ :Standing var.  $Z_0 = 1$ :Standing var.  $Z_0 = 1$ :Standing var.  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$  $Z_0 = 1$ :New mutation  $Z_0 = 1$ :New mutation  $Z_0 = 1$ :New mutation  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$  $Z_0 = 0.5$ :Standing var.  $Z_0 = 0.5$ :Standing var.  $z_0 = 0.5$ :Standing var.  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$  $Z_0 = 0.5$ :New mutation  $Z_0 = 0.5$ :New mutation  $Z_0 = 0.5$ :New mutation  $\mu = 0.00025$  $\mu = 0.001$  $\mu = 0.005$ 

0.0

-0.5

-1.0

-1.5

0.0

-0.5

-1.0

-1.5

0.0

-0.5

-1.0

-1.5

0.0

-0.5

-1.0

-1.5

-2

2

Mean Tajima's D

New mutation  $z_0 = 0.5$ :New mutation  $z_0 =$