Table 1: Estimates of selection from the uSFS of simulated data. In each simulation the compound parameter  $N_e s_a p_a$  was held at 0.05. For each set of selection parameters, 10Mbp of simulated sequence was generated.

Simulated		Estimated Including Divergence		Estimated Excluding Divergence	
$N_e s_a$	$p_a$	$\gamma_a$	$p_a$	$\gamma_a$	$p_a$
5	0.01				
10	0.005				
25	0.002				
50	0.001				
100	0.0005				
200	0.00025				
400	0.000125				