

S4 Table. Average neutral equilibrium values of nucleotide site diversity (ρ_i) Tajima's D and Kelly's Z_{ns} for our simulated populations, both without migration (*i.e.* the simulated population at equilibrium prior to experiencing a classic sweep) and with migration (*i.e.* the simulated population at equilibrium after an introgressed sweep). Values are labelled by the parameter values of the simulations from which they were generated (s = selection coefficient; μ = mutation rate per base pair/generation).

$s = 0.5, \mu = 6e-07$	ρ_i	TajD	Z_{ns}	$s = 0.5, \mu = 6e-06$	ρ_i	TajD	Z_{ns}
Classic sweep	0.00238	-0.51947	0.06131	Classic sweep	0.02236	-0.64343	0.07627
Introgressed sweep	0.00516	0.60160	0.13391	Introgressed sweep	0.04147	0.24140	0.12005
$s = 0.25, \mu = 6e-07$	ρ_i	TajD	Z_{ns}				
Classic sweep	0.00231	-0.48267	0.08545				
Introgressed sweep	0.00437	0.33448	0.14655				
$s = 0.1, \mu = 6e-07$	ρ_i	TajD	Z_{ns}				
Classic sweep	0.00233	-0.45685	0.07473				
Introgressed sweep	0.00447	0.20732	0.14413				