Mutation Algorithm - Input 2 Flip Move

F-Test Two-Sample for Variances

	Variable 1	*Variable 2*
Mean	-196.258	-53.5167
Variance	17916.91	94.91109
Observations	960	960
df	959	959
F	188.7757	
P(F<=f) one-tail	0	
F Critical one-tail	1.112136	

M(1) < M(2) and F > F Critical => Equal

t-Test: Two-Sample Assuming Equal Variances

	Variable 1	*Variable 2*
Mean	-196.258	-53.5167
Variance	17916.91	94.91109
Observations	960	960
Pooled Variance	9005.91	
Hypothesized Mean Difference	0	
df	1918	
t Stat	-32.954	
P(T<=t) one-tail	2.1E-189	
t Critical one-tail	1.645648	
P(T<=t) two-tail	4.2E-189	
t Critical two-tail	1.961202	

t Stat < t Critical => No significant difference