Mutation - Input 1 Flip Move

F-Test Two-Sample for Variances

	Variable 1	*Variable 2*
Mean	-67.1008	-17.0508
Variance	3392.102	1.506171
Observations	1200	1200
df	1199	1199
F	2252.136	
P(F<=f) one-tail	0	
F Critical one-tail	1.099706	

F > F Critical and Mean(var1) < Mean(Var2) => Equal Variance

t-Test: Two-Sample Assuming Equal Variances

	Variable 1	*Variable 2*
Mean	-67.1008	-17.0508
Variance	3392.102	1.506171
Observations	1200	1200
Pooled Variance	1696.804	
Hypothesized Mean Difference	0	
df	2398	
t Stat	-29.7621	
P(T<=t) one-tail	3.2E-166	
t Critical one-tail	1.645489	
P(T<=t) two-tail	6.3E-166	
t Critical two-tail	1.960954	

t stat < t Critical two-tail => No statistical Difference