Mutation with Penalty Function Flip Move

F-Test Two-Sample for Variances

	Variable 1	*Variable 2*
Mean	-138.129	-17.9083
Variance	75.58576	1.681939
Observations	240	240
df	239	239
F	44.93966	
P(F<=f) one-tail	4E-130	
F Critical one-tail	1.237654	

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

t-Test: Two-Sample Assuming Equal Variances

	Variable 1	*Variable 2*
Mean	-138.129	-17.9083
Variance	75.58576	1.681939
Observations	240	240
Pooled Variance	38.63385	
Hypothesized Mean Difference	0	
df	478	
t Stat	-211.878	
P(T<=t) one-tail	0	
t Critical one-tail	1.648048	
P(T<=t) two-tail	0	
t Critical two-tail	1.964939	

t Stat < t Critical => No significant Difference