

PMXr with Self-Adaptive Penalty Function - Input 2
F-Test Two-Sample for Variances

TRUE FALSE

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	-124.463	-124.896
Variance	15072.15	15141.71
Observations	480	480
df	479	479
F	0.995406	
P(F<=f) one-tail	0.479918	
F Critical one-tail	0.860312	

$M(1) > M(2)$ and $F > F \text{ Critical} \Rightarrow \text{Unequal}$

t-Test: Two-Sample Assuming Unequal Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	-124.463	-124.896
Variance	15072.15	15141.71
Observations	480	480
Hypothesized Mean Difference	0	
df	958	
t Stat	0.054618	
P(T<=t) one-tail	0.478227	
t Critical one-tail	1.646446	
P(T<=t) two-tail	0.956454	
t Critical two-tail	1.962443	
t Critical two-tail	1.962443	

$t \text{ Stat} < t \text{ Critical} \Rightarrow \text{No significant difference}$