

Normal Deter Cycling

F-Test Two-Sample for Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	3.33539	2.697945567
Variance	0.095232	1.635627541
Observations	30	30
df	29	29
F	0.058224	
P(F<=f) one-tail	1.06E-11	
F Critical one-tail	0.5374	

$M(1) > M(2) \wedge F > F\text{-Critical} \Rightarrow \text{Unequal Variance}$

t-Test: Two-Sample Assuming Unequal Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	3.33539	2.697945567
Variance	0.095232	1.635627541
Observations	30	30
Hypothesized Mean Difference	0	
df	32	
t Stat	2.653825	
P(T<=t) one-tail	0.006145	
t Critical one-tail	1.693889	
P(T<=t) two-tail	0.01229	
t Critical two-tail	2.036933	

t stat > t Critical \Rightarrow Normal is Better