

Normal Deter Cycling

F-Test Two-Sample for Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	3.280441	2.698237067
Variance	0.124644	1.616752952
Observations	30	30
df	29	29
F	0.077095	
P(F<=f) one-tail	3.84E-10	
F Critical one-tail	0.5374	

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

t-Test: Two-Sample Assuming Equal Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	3.280441	2.698237067
Variance	0.124644	1.616752952
Observations	30	30
Pooled Variance	0.870698	
Hypothesized Mean Difference	0	
df	58	
t Stat	2.416502	
P(T<=t) one-tail	0.009419	
t Critical one-tail	1.296319	
P(T<=t) two-tail	0.018838	
t Critical two-tail	1.671553	

t stat > t Critical \Rightarrow Normal Better