

0 0.5, 1

# F-Test Two-Sample for Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	2.781111	3
Variance	0.187179	0
Observations	30	30
df	29	29
F	65535	
P(F<=f) one-tail	#DIV/0!	
F Critical one-tail	1.860811	

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

# t-Test: Two-Sample Assuming Equal Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	2.781111	3
Variance	0.187179	0
Observations	30	30
Pooled Variance	0.093589	
Hypothesized Mean Difference	0	
df	58	
t Stat	-2.77112	
P(T<=t) one-tail	0.003747	
t Critical one-tail	1.671553	
P(T<=t) two-tail	0.007495	
t Critical two-tail	2.001717	

t stat < t Critical => Same