

Parsimony\_Pressure\_Penalty\_Coefficient 0 1  
 F-Test Two-Sample for Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	1.730529	3.280441
Variance	0.099178	0.124644
Observations	30	30
df	29	29
F	0.795693	
P(F<=f) one-tail	0.27112	
F Critical one-tail	0.5374	

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

t-Test: Two-Sample Assuming Equal Variances

	<i>Variable 1</i>	<i>Variable 2</i>
Mean	1.730529	3.280441
Variance	0.099178	0.124644
Observations	30	30
Pooled Variance	0.111911	
Hypothesized Mean Difference	0	
df	58	
t Stat	-17.9439	
P(T<=t) one-tail	1.2E-25	
t Critical one-tail	1.671553	
P(T<=t) two-tail	2.39E-25	
t Critical two-tail	2.001717	

$t \text{ stat} < t \text{ Critical} \Rightarrow \text{Same}$