One-Sided t-Test Comparing congruent to incongruent

The TTEST Procedure

Variable: time

wordCondition	N	Mean	Std Dev	Std Err	Minimum	Maximum
Congruent	24	14.0511	3.5594	0.7266	8.6300	22.3280
Incongrue	24	22.0159	4.7971	0.9792	15.6870	35.2550
Diff (1-2)		-7.9648	4.2238	1.2193		

wordCondition	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
Congruent		14.0511	12.5481	15.5541	3.5594	2.7664	4.9929
Incongrue		22.0159	19.9903	24.0415	4.7971	3.7283	6.7291
Diff (1-2)	Pooled	-7.9648	-10.0116	Infty	4.2238	3.5099	5.3050
Diff (1-2)	Satterthwaite	-7.9648	-10.0151	Infty			

Method	Variances	DF	t Value	Pr > t
Pooled	Equal	46	-6.53	1.0000
Satterthwaite	Unequal	42.434	-6.53	1.0000

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	23	23	1.82	0.1599

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Distribution of time
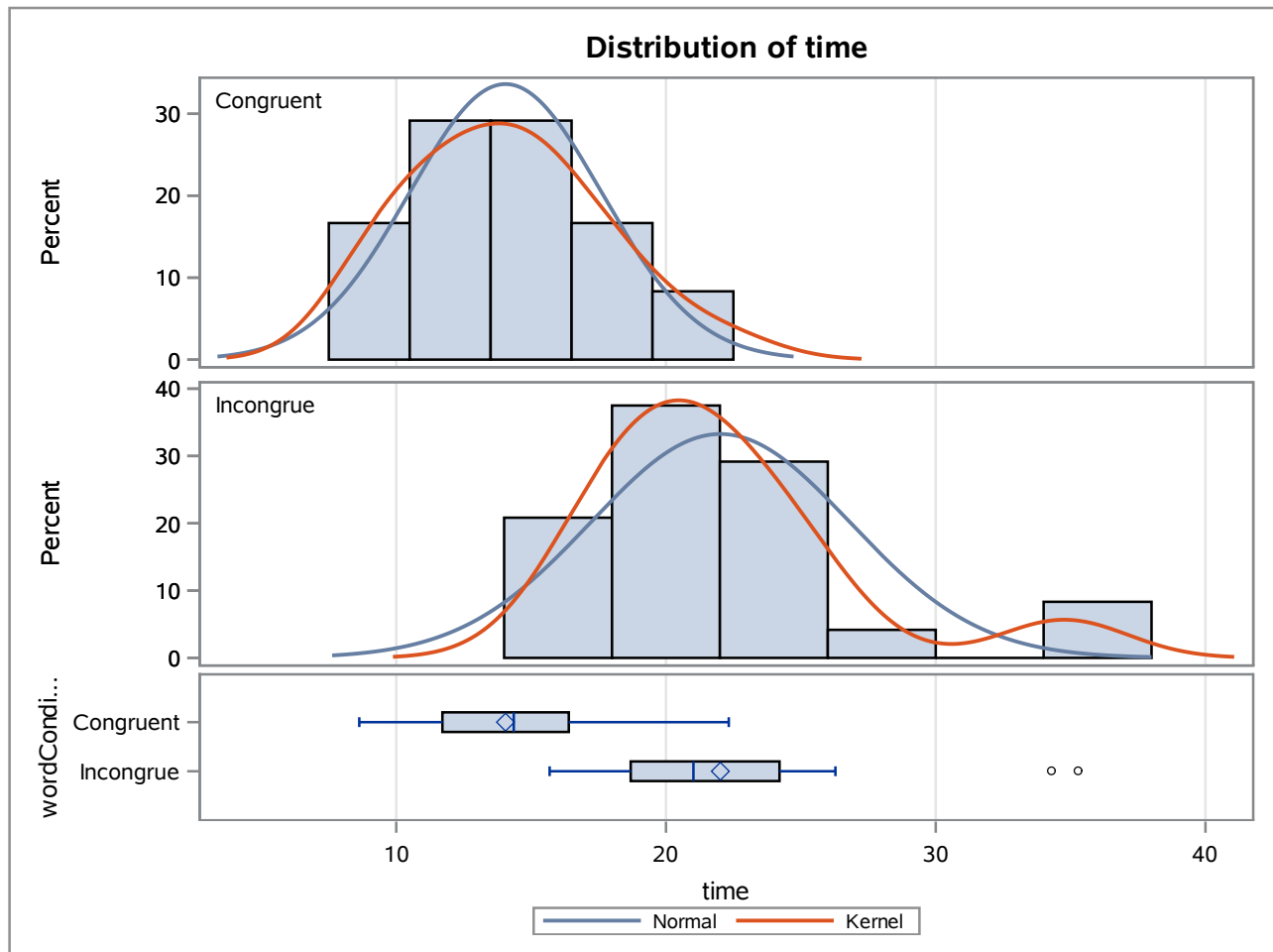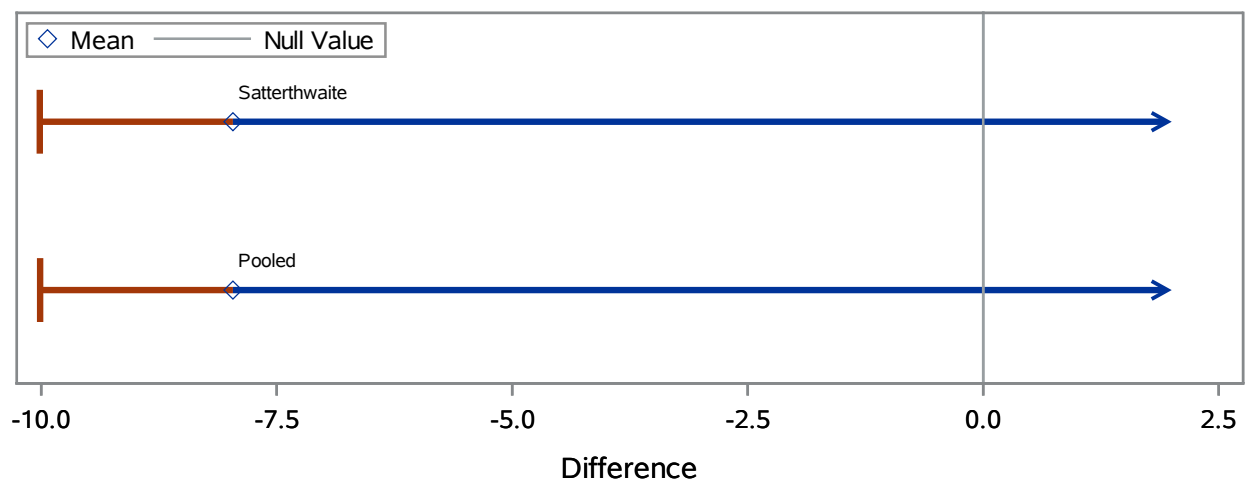

Mean of time Difference (Congruent - Incongrue)
With 95% Upper Confidence Intervals

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The TTEST Procedure

Variable: time

Q-Q Plots of time

Congruent

Incongrue