```
>Warning # 511
>A division by zero has been attempted on the indicated command . The result
>has been set to the system-missing value.
>Command line: 39 Current case: 31 Current splitfile group: 1
>Warning # 511
>A division by zero has been attempted on the indicated command .The result
>has been set to the system-missing value.
>Command line: 39 Current case: 148 Current splitfile group: 1
>Warning #511
>A division by zero has been attempted on the indicated command . The result
>has been set to the system-missing value.
>Command line: 39 Current case: 171 Current splitfile group: 1
>Warning #511
>A division by zero has been attempted on the indicated command .The result
>has been set to the system-missing value.
>Command line: 39 Current case: 240 Current splitfile group: 1
>Warning # 511
>A division by zero has been attempted on the indicated command .The result
>has been set to the system-missing value.
>Command line: 39 Current case: 309 Current splitfile group: 1
>Warning # 511
>A division by zero has been attempted on the indicated command . The result
>has been set to the system-missing value.
>Command line: 39 Current case: 389 Current splitfile group: 1
>Warning # 511
>A division by zero has been attempted on the indicated command . The result
>has been set to the system-missing value.
>Command line:39 Current case:394 Current splitfile group:1
>Warning # 511
>A division by zero has been attempted on the indicated command . The result
>has been set to the system-missing value.
>Command line: 39 Current case: 419 Current splitfile group: 1
>Warning # 511
>A division by zero has been attempted on the indicated command . The result
>has been set to the system-missing value.
>Command line:39 Current case:433 Current splitfile group:1
```

 $>\!\!$  A division by zero has been attempted on the indicated command .The result  $>\!\!$  has been set to the system-missing value .

>Command line:39 Current case:434 Current splitfile group:1

>Warning # 92

>The limit for MXWARNSwarnings in this data pass has been exceeded. Further >warnings have been suppressed . To change the limit use SETMXWARNS.

#### **Frequencies**

#### **Statistics**

#### ffratio

N	Valid	8894
	Missing	161
Mean		957.9862
Median		1.0156
Std. De	viation	83005.50660
Range		7825327.67
Minimur	n	.00
Maximu	m	7825327.67

### **Frequencies**

#### **Statistics**

#### ffRatio

N	Valid	89659
	Missing	1644
Percentiles	10	.3135
	20	.4732
	30	.6452
	40	.8544
	50	1.0246
	60	1.2533
	70	1.7625
	80	3.3400
	90	18.2791

#### **Frequencies**

### **Statistics**

#### ffRatio

N	Valid	27327
	Missing	165
Percentiles	10	.3786
	20	.5533
	30	.7392
	40	.9340
	50	1.0951
	60	1.3420
	70	1.8524
	80	2.8224
	90	9.0000

# T-Test

# **Group Statistics**

	ffRatio	N	Mean	Std. Deviation	Std. Error Mean
userTweets	>= 2.82	5465	59394.16	85878.847	1161.692
	< 2.82	21862	48486.23	141846.732	959.344
UserFollowers	>= 2.82	5465	154798.57475	806366.29186	10907.802898
	< 2.82	21862	2281.2325496	9463.7926417	64.005938670
UserFriends	>= 2.82	5465	1137.15	2822.039	38.174
	< 2.82	21862	2066.82	8110.636	54.854
retweets	>= 2.82	5465	25.60	317.093	4.289
	< 2.82	21862	19.09	391.711	2.649

# **Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
userTweets	Equal variances assumed	10.878	<.001	5.441	27325
	Equal variances not assumed			7.240	13848.054
UserFollowers	Equal variances assumed	2340.769	<.001	27.960	27325
	Equal variances not assumed			13.982	5464.376
UserFriends	Equal variances assumed	88.116	<.001	-8.348	27325
	Equal variances not assumed			-13.911	24846.739
retweets	Equal variances assumed	1.208	.272	1.140	27325
	Equal variances not assumed			1.292	10061.853

# **Independent Samples Test**

### t-test for Equality of Means

		Significance		
		One-Sided p	Two-Sided p	Mean Difference
userTweets	Equal variances assumed	<.001	<.001	10907.931
	Equal variances not assumed	<.001	<.001	10907.931
UserFollowers	Equal variances assumed	<.001	<.001	152517.34220
	Equal variances not assumed	<.001	<.001	152517.34220
UserFriends	Equal variances assumed	<.001	<.001	-929.672
	Equal variances not assumed	<.001	<.001	-929.672
retweets	Equal variances assumed	.127	.254	6.515
	Equal variances not assumed	.098	.196	6.515

# **Independent Samples Test**

### t-test for Equality of Means

	Std. Error			e Interval of the rence
		Difference	Lower	Upper
userTweets	Equal variances assumed	2004.773	6978.474	14837.387
	Equal variances not assumed	1506.609	7954.773	13861.088
UserFollowers	Equal variances assumed	5454.8549980	141825.55265	163209.13174
	Equal variances not assumed	10907.990687	131133.33675	173901.34765
UserFriends	Equal variances assumed	111.363	-1147.948	-711.396
	Equal variances not assumed	66.830	-1060.663	-798.681
retweets	Equal variances assumed	5.716	-4.689	17.719
	Equal variances not assumed	5.042	-3.368	16.397

# **Independent Samples Effect Sizes**

				95% Confide	ence Interval
		Standardizer <sup>a</sup>	Point Estimate	Lower	Upper
userTweets	Cohen's d	132559.036	.082	.053	.112
	Hedges' correction	132562.675	.082	.053	.112
	Glass's delta	141846.732	.077	.047	.107
UserFollowers	Cohen's d	360684.31803	.423	.393	.453
	Hedges' correction	360694.21826	.423	.393	.453
	Glass's delta	9463.7926417	16.116	15.962	16.270
UserFriends	Cohen's d	7363.479	126	156	097
	Hedges' correction	7363.681	126	156	097
	Glass's delta	8110.636	115	144	085
retweets	Cohen's d	377.970	.017	012	.047
	Hedges' correction	377.981	.017	012	.047
	Glass's delta	391.711	.017	013	.046

a. The denominator used in estimating the effect sizes.

Cohen's d uses the pooled standard deviation.

Hedges' correction uses the pooled standard deviation, plus a correction factor.

Glass's delta uses the sample standard deviation of the control (i.e., the second) group.

#### T-Test

## **Group Statistics**

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