

1 . ttest Age, by(SzRecurrence48Hrs)

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No	81	52.46914	2.144048	19.29643	48.20235	56.73593
Yes	27	53.07407	4.193648	21.79083	44.45391	61.69424
combined	108	52.62037	1.909637	19.84553	48.83474	56.406
diff		-.6049383	4.430483		-9.388801	8.178924

diff = mean(**No**) - mean(**Yes**) t = **-0.1365**
 Ho: diff = 0 degrees of freedom = **106**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = **0.4458** Pr(|T| > |t|) = **0.8917** Pr(T > t) = **0.5542**

2 . ttest Weight, by(SzRecurrence48Hrs)

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No	76	77.94566	2.187484	19.07004	73.58797	82.30335
Yes	27	74.29926	3.440081	17.87518	67.22807	81.37045
combined	103	76.98981	1.847185	18.74688	73.32592	80.65369
diff		3.646399	4.205211		-4.69561	11.98841

diff = mean(**No**) - mean(**Yes**) t = **0.8671**
 Ho: diff = 0 degrees of freedom = **101**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = **0.8060** Pr(|T| > |t|) = **0.3879** Pr(T > t) = **0.1940**

3 . ttest AgeOnset, by(SzRecurrence48Hrs)

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No	80	21.3875	2.901099	25.94822	15.61301	27.16199
Yes	27	16.7037	4.77285	24.80046	6.89297	26.51444
combined	107	20.20561	2.477655	25.62906	15.29342	25.1178

diff	4.683796	5.713082	-6.644189	16.01178
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diff = mean(**No**) - mean(**Yes**) t = 0.8198
 Ho: diff = 0 degrees of freedom = 105

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.7929 Pr(|T| > |t|) = 0.4142 Pr(T > t) = 0.2071

4 . ttest SteadyState_hours, by(SzRecurrence48Hrs)

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No	81	29.74691	3.923665	35.31299	21.93857	37.55526
Yes	27	38.33333	7.184286	37.33064	23.56582	53.10084
combined	108	31.89352	3.449263	35.84579	25.05576	38.73128
diff		-8.58642	7.959646		-24.36719	7.194352

diff = mean(**No**) - mean(**Yes**) t = -1.0787
 Ho: diff = 0 degrees of freedom = 106

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.1416 Pr(|T| > |t|) = 0.2832 Pr(T > t) = 0.8584

5 . ttest TotalComplications, by(SzRecurrence48Hrs)

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No	81	.5308642	.0931056	.8379502	.3455782	.7161502
Yes	27	.8518519	.2115181	1.09908	.4170702	1.286633
combined	108	.6111111	.088087	.9154268	.4364889	.7857333
diff		-.3209877	.2019936		-.7214596	.0794843

diff = mean(**No**) - mean(**Yes**) t = -1.5891
 Ho: diff = 0 degrees of freedom = 106

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.0575 Pr(|T| > |t|) = 0.1150 Pr(T > t) = 0.9425

6 . ttest AEDNum, by(SzRecurrence48Hrs)

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No	81	1.08642	.1471934	1.324741	.7934955	1.379344
Yes	27	1	.2445998	1.270978	.4972179	1.502782
combined	108	1.064815	.1256848	1.306155	.8156594	1.31397
diff		.0864198	.2915017		-.4915107	.6643502

diff = mean(**No**) - mean(**Yes**) t = **0.2965**
 Ho: diff = 0 degrees of freedom = **106**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = **0.6163** Pr(|T| > |t|) = **0.7675** Pr(T > t) = **0.3837**

7 . ranksum SteadyState_hours, by(SzRecurrence48Hrs)

Two-sample Wilcoxon rank-sum (Mann-Whitney) test

SzRecurren~s	obs	rank sum	expected
No	81	4191.5	4414.5
Yes	27	1694.5	1471.5
combined	108	5886	5886

unadjusted variance **19865.25**
 adjustment for ties **-113.17**

adjusted variance **19752.08**

Ho: Steady~s(SzRecu~s==No) = Steady~s(SzRecu~s==Yes)
 z = **-1.587**
 Prob > |z| = **0.1126**

8 . prtest vEEG_Sz, by(SzRecurrence48Hrs)

Two-sample test of proportions

No: Number of obs = **78**
Yes: Number of obs = **27**

Variable	Mean	Std. Err.	z	P> z	[95% Conf. Interval]	
No	.2051282	.0457208			.1155171	.2947393
Yes	.8888889	.0604812			.7703479	1.00743
diff	-.6837607	.075818			-.8323613	-.5351601
	under Ho:	.1084333	-6.31	0.000		

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diff = prop(No) - prop(Yes)                                z = -6.3058
Ho: diff = 0

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Ha: diff < 0                                Ha: diff != 0                                Ha: diff > 0
Pr(Z < z) = 0.0000                        Pr(|Z| > |z|) = 0.0000                        Pr(Z > z) = 1.0000

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9 . gen SStime = .
   (108 missing values generated)

10 . replace SStime = 0 if SSLT24hrs == 1
    (68 real changes made)

11 . replace SStime = 1 if SS24_48Hrs == 1
    (15 real changes made)

12 . replace SStime = 2 if SSGT48Hrs == 1
    (25 real changes made)

13 . oneway HospStay SStime, scheffe

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Source	Analysis of Variance			F	Prob > F
	SS	df	MS		
Between groups	2683.93333	2	1341.96667	3.11	0.0488
Within groups	45322.7333	105	431.645079		
Total	48006.6667	107	448.660436		

Bartlett's test for equal variances: $\chi^2(2) = 26.8506$ Prob> $\chi^2 = 0.000$

Comparison of HospStay by SStime
(Scheffe)

Row Mean- Col Mean	0	1
1	-3.36667 0.851	
2	10.9 0.086	14.2667 0.115

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14 . oneway HospStay SStime, bonferroni

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Source	Analysis of Variance			F	Prob > F
	SS	df	MS		
Between groups	2683.93333	2	1341.96667	3.11	0.0488
Within groups	45322.7333	105	431.645079		

Total	48006.6667	107	448.660436
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Bartlett's test for equal variances: $\chi^2(2) = 26.8506$ Prob> $\chi^2 = 0.000$

Comparison of HospStay by SStime
(Bonferroni)

Row Mean- Col Mean	0	1
1	-3.36667 1.000	
2	10.9 0.081	14.2667 0.114

15 . oneway vEEG_Sz SStime, bonferroni

Source	Analysis of Variance			F	Prob > F
	SS	df	MS		
Between groups	1.34241758	2	.671208791	2.92	0.0583
Within groups	23.4194872	102	.229602815		
Total	24.7619048	104	.238095238		

Bartlett's test for equal variances: $\chi^2(2) = 0.5915$ Prob> $\chi^2 = 0.744$

Comparison of vEEG_Sz by SStime
(Bonferroni)

Row Mean- Col Mean	0	1
1	.241026 0.246	
2	.227692 0.138	-.013333 1.000

16 . kwallis HospStay, by(SStime)

Kruskal-Wallis equality-of-populations rank test

SStime	Obs	Rank Sum
0	68	3295.50
1	15	812.00
2	25	1778.50

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chi-squared =      9.584 with 2 d.f.  
probability =      0.0083
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chi-squared with ties =      9.635 with 2 d.f.  
probability =      0.0081
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17 .
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