```
                                        ___  ___  ___  ___  ___(R)
                                       /__  /  /___/  /   /___/
                                      ___/ /  /___/  /   /___/
                                      Statistics/Data Analysis
```

User: Brian Horlick-Cruz
Project: Rock Climbing & Equity: Arizona

1 . ttest ince19, by(climb_bi)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No Climb	1,424	31923.26	306.9582	11583.35	31321.12	32525.39
Climbing	93	32321.17	1282.392	12366.94	29774.23	34868.11
combined	1,517	31947.65	298.5722	11629	31361.99	32533.31
diff		-397.9164	1244.994		-2840.01	2044.177

diff = mean(**No Climb**) - mean(**Climbing**)   t = -0.3196
Ho: diff = 0   degrees of freedom =   1515

  Ha: diff < 0   Ha: diff != 0   Ha: diff > 0
Pr(T < t) = **0.3747**   Pr(|T| > |t|) = **0.7493**   Pr(T > t) = **0.6253**

2 . ttest perc_ed19, by(climb_bi)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
No Climb	1,426	.2007117	.0036124	.1364148	.1936254	.207798
Climbing	93	.2444713	.0157354	.1517468	.2132195	.2757232
combined	1,519	.2033909	.0035343	.1377484	.1964582	.2103236
diff		-.0437596	.0147043		-.0726025	-.0149168

diff = mean(**No Climb**) - mean(**Climbing**)   t = -2.9760
Ho: diff = 0   degrees of freedom =   1517

  Ha: diff < 0   Ha: diff != 0   Ha: diff > 0
Pr(T < t) = **0.0015**   Pr(|T| > |t|) = **0.0030**   Pr(T > t) = **0.9985**

3 . regress perc_ed19 climbing_features

Source	SS	df	MS		
Model	.282444566	1	.282444566		
Residual	28.5210447	1,517	.018800952		
Total	28.8034893	1,518	.018974631		

Number of obs =   1,519
F(1, 1517)   =   15.02
Prob > F   =   0.0001
R-squared   =   0.0098
Adj R-squared =   0.0092
Root MSE   =   .13712

perc_ed19	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]	
climbing_features	.0012676	.000327	3.88	0.000	.0006261	.0019091
_cons	.2019639	.0035373	57.09	0.000	.1950253	.2089024

4 .