

## One Sample t-tests

- 1) t-critical = 1.76  
t-observed = 1.55  
Fail to reject the null hypothesis and conclude that our sample does not have higher compliance scores.  $t(14) = 1.55$ ,  $p > .05$ .  
Effect size  $d = .40$   
95% CI = 13.51 to 17.03
- 2) t-critical = -1.76  
t-observed = -3.08  
Reject the null hypothesis and conclude that our sample of race car drivers do have significantly lower anxiety scores.  $t(14) = -3.08$ ,  $p < .05$ .  
Effect size  $d = .79$   
95% CI = 2.5 to 4.56
- 3) t-critical = (+/-) 2.31  
t-observed = 1.47  
Fail to reject the null hypothesis and conclude that the average age for drinking at School A has not changed.  $t(8) = 1.47$ ,  $p > .05$ .  
Effect size  $d = .49$   
95% CI = 14.68 to 16.44