

Numeric Outcomes

How many groups?

One

Interested in linear relationship?

Yes

No

Do we have repeated measures?

Yes

No

Do we know σ or σ^2 ?

Yes

No

Paired t test & its CI

Pearson's r ,
simple regression,
 t test & CI for the slope

z test statistic
& its CI

One-sample
 t test & its CI