

---

Subject: Re: Which Dataset to Use?

Posted by [ahmed89o](#) on Thu, 22 May 2014 20:07:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Dear group,

So if am running Wald test looking for interaction terms between variable of interest and time dummies with the purpose of conducting trend analysis. The dataset is pooled dataset from several surveys at several points of time (years 2000, 2005, 2008). However, am mainly concerned with interactions terms between variable of interest and year of survey dummy over time (across several rounds of survey). The individual estimates of interactions are insignificant while main effects are significant. The Wald test gives significant result, is it ok to rely on wald test over individual estimates. Given that am intested does the Wald test should include the main effect or only interaction? Any help?

my commands are

```
logistic m2a i.v013 b(last).v190##timedum2 b(last).v190##timedum3
```

```
b(last).v190##timedum1,cluster(v001r)
```

```
testparm b(last).v190##timedum2 b(last).v190##timedum3 b(last).v190##timedum1
```

---