```
                                                          ___  ____  ____  ____  ____tm
                                                         /__    /   ____/   /   ____/
                                                        ___/   /   /___/   /   /___/
                                                          Statistics/Data Analysis
```

```
      log:  C:\DATA\aer2007.smcl
 log type:  smcl
opened on:   5 Mar 2007, 21:19:27

1 . * TABLE 1 RESULTS
2 . prtesti 69 .54 70 .67

Two-sample test of proportion                       x: Number of obs =        69
                                                    y: Number of obs =        70

    Variable |       Mean   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+--------------------------------------------------------------
           x |        .54        .06                      .4224022    .6575978
           y |        .67   .0562012                      .5598477    .7801523
-------------+--------------------------------------------------------------
        diff |       -.13   .0822105                     -.2911297    .0311297
             |  under Ho:   .0829126    -1.57   0.117
------------------------------------------------------------------------------

               Ho: proportion(  x) - proportion( y) = diff = 0

       Ha: diff <  0             Ha: diff !=  0             Ha: diff >  0
         z = -1.568                z = -1.568                 z = -1.568
     P < z =  0.0585         P > |z| =  0.1169          P > z =  0.9415

3 . prtesti 44 .82 43 .74

Two-sample test of proportion                       x: Number of obs =        44
                                                    y: Number of obs =        43

    Variable |       Mean   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+--------------------------------------------------------------
           x |        .82   .0579184                      .7064819    .9335181
           y |        .74   .0668911                      .6088959    .8711041
-------------+--------------------------------------------------------------
        diff |        .08   .0884814                     -.0934204    .2534204
             |  under Ho:   .0887629     0.90   0.367
------------------------------------------------------------------------------

               Ho: proportion(  x) - proportion( y) = diff = 0

       Ha: diff <  0             Ha: diff !=  0             Ha: diff >  0
         z =  0.901                z =  0.901                 z =  0.901
     P < z =  0.8163         P > |z| =  0.3674          P > z =  0.1837

4 . prtesti 44 .77 52 .62

Two-sample test of proportion                       x: Number of obs =        44
                                                    y: Number of obs =        52

    Variable |       Mean   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+--------------------------------------------------------------
           x |        .77   .0634429                      .6456542    .8943458
           y |        .62    .067311                      .4880729    .7519271
-------------+--------------------------------------------------------------
        diff |        .15   .0924974                     -.0312916    .3312916
             |  under Ho:   .0948403     1.58   0.114
------------------------------------------------------------------------------

               Ho: proportion(  x) - proportion( y) = diff = 0
```

```
    Ha: diff <  0            Ha: diff !=  0             Ha: diff >  0
      z =  1.582               z =  1.582                 z =  1.582
  P < z =  0.9431        P > |z| =  0.1137          P > z =  0.0569

5 . prtesti 53 .72 48 .50

  Two-sample test of proportion                        x: Number of obs =        53
                                                       y: Number of obs =        48

  ------------------------------------------------------------------------------
     Variable |       Mean   Std. Err.      z    P>|z|     [95% Conf. Interval]
  ------------+-----------------------------------------------------------------
            x |        .72   .0616747                      .5991197    .8408803
            y |         .5   .0721688                      .3585518    .6414482
  ------------+-----------------------------------------------------------------
         diff |        .22   .0949321                      .0339365    .4060635
              |  under Ho:   .0969339     2.27   0.023
  ------------------------------------------------------------------------------

                Ho: proportion(  x) - proportion( y) = diff = 0

    Ha: diff <  0            Ha: diff !=  0             Ha: diff >  0
      z =  2.270               z =  2.270                 z =  2.270
  P < z =  0.9884        P > |z| =  0.0232          P > z =  0.0116

6 . prtesti 64 .84 65 .28

  Two-sample test of proportion                        x: Number of obs =        64
                                                       y: Number of obs =        65

  ------------------------------------------------------------------------------
     Variable |       Mean   Std. Err.      z    P>|z|     [95% Conf. Interval]
  ------------+-----------------------------------------------------------------
            x |        .84   .0458258                      .7501832    .9298168
            y |        .28   .0556915                      .1708467    .3891533
  ------------+-----------------------------------------------------------------
         diff |        .56   .0721217                      .4186441    .7013559
              |  under Ho:   .0874568     6.40   0.000
  ------------------------------------------------------------------------------

                Ho: proportion(  x) - proportion( y) = diff = 0

    Ha: diff <  0            Ha: diff !=  0             Ha: diff >  0
      z =  6.403               z =  6.403                 z =  6.403
  P < z =  1.0000        P > |z| =  0.0000          P > z =  0.0000

7 . * TABLE 1 CAPTION
8 . prtesti 618 .64 .5

  One-sample test of proportion                        x: Number of obs =       618

  ------------------------------------------------------------------------------
     Variable |       Mean   Std. Err.                     [95% Conf. Interval]
  ------------+-----------------------------------------------------------------
            x |        .64   .0193084                      .6021562    .6778438
  ------------------------------------------------------------------------------

                          Ho: proportion(   x) =  .5

    Ha: x <  .5              Ha: x !=  .5               Ha: x >  .5
      z =  6.961               z =  6.961                 z =  6.961
  P < z =  1.0000        P > |z| =  0.0000          P > z =  0.0000
```

```
9 . log close
        log:  C:\DATA\aer2007.smcl
   log type:  smcl
  closed on:   5 Mar 2007, 21:23:08
```