Example 4-10

September 12, 2020

Pesaran CD test for cross-sectional dependence in panels

```
data: lny ~ lnl + lnk + lnrd
z = 28.612, p-value < 2.2e-16
alternative hypothesis: cross-sectional dependence</pre>
```

[]: # install the following packages and library

```
##-----
# if a different model specification is consistent, can use the residuals
# to test instead
rds.2fe <- plm(fm.rds, RDSpillovers, model = "within", effect = "twoways")
pcdtest(rds.2fe)</pre>
```

Pesaran CD test for cross-sectional dependence in panels

```
data: lny ~ lnl + lnk + lnrd z = -1.4637, p-value = 0.1433 alternative hypothesis: cross-sectional dependence
```

| rho | rho