## Example 8-3

## September 11, 2020

[]: # install the following packages and libraries

install.packages("pder")

```
install.packages("plm")
    install.packages("texreg")
    install.packages("msm")
    library("plm")
    library("texreg")
    library("msm")
[3]: | ##-----Block 1------
    #### Example 8-3 ####
    ## -----
    data("RDSpillovers", package = "pder")
    # formula
    fm.rds <- lny ~ lnl + lnk + lnrd
    # mean groups model
    mg.rds <- pmg(fm.rds, RDSpillovers, trend = TRUE)</pre>
    # dynamic mean groups model
    dmg.rds <- update(mg.rds, . ~ lag(lny) + .)</pre>
    # creates a table for our results
    screenreg(list('Static MG' = mg.rds, 'Dynamic MG'= dmg.rds), digits = 3)
```

 $\label{eq:control_local_cont$ 

 Est.
 SE
 z
 p.val

 lnrd (long run)
 -0.118
 0.091
 -1.301
 0.193