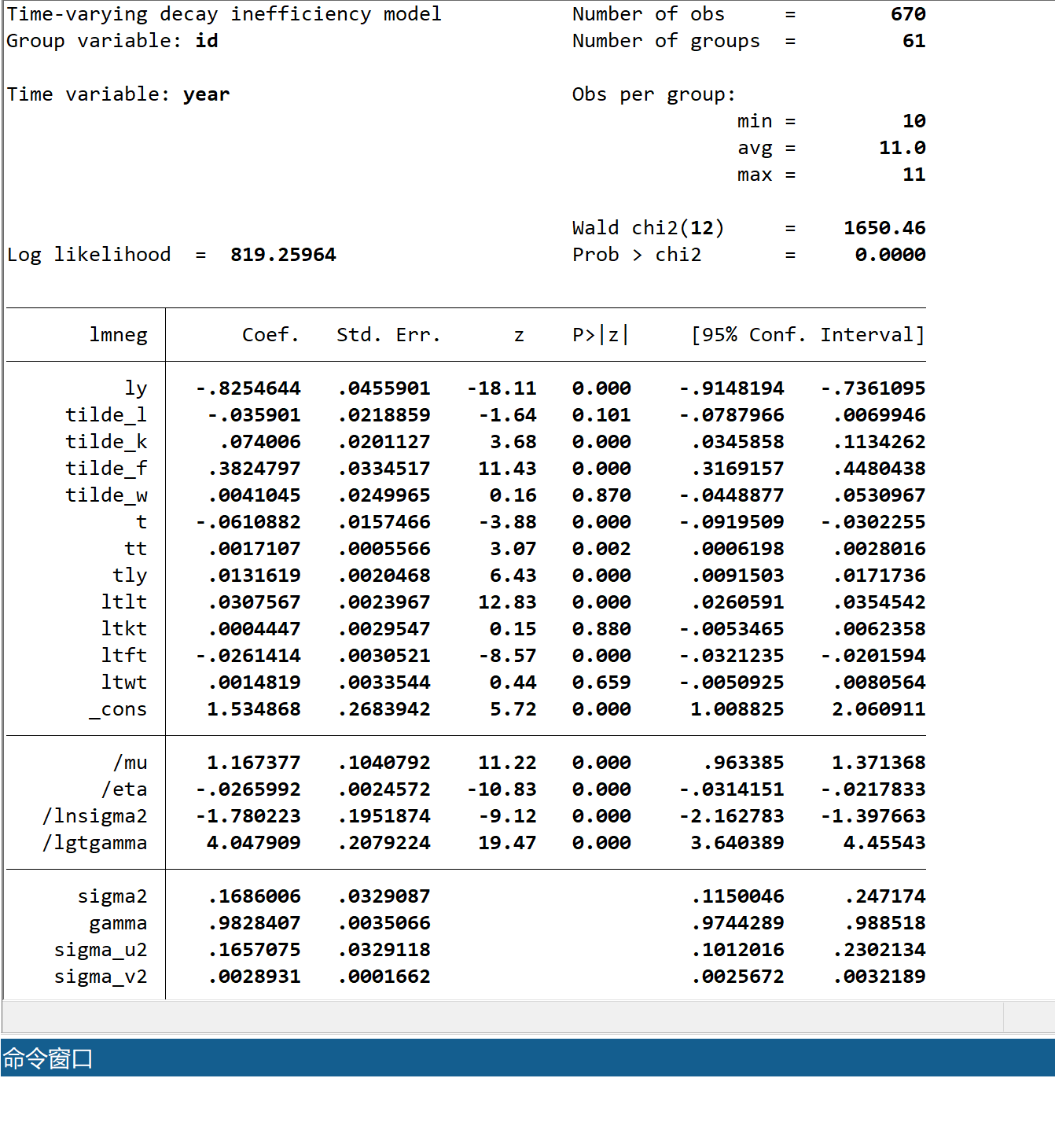
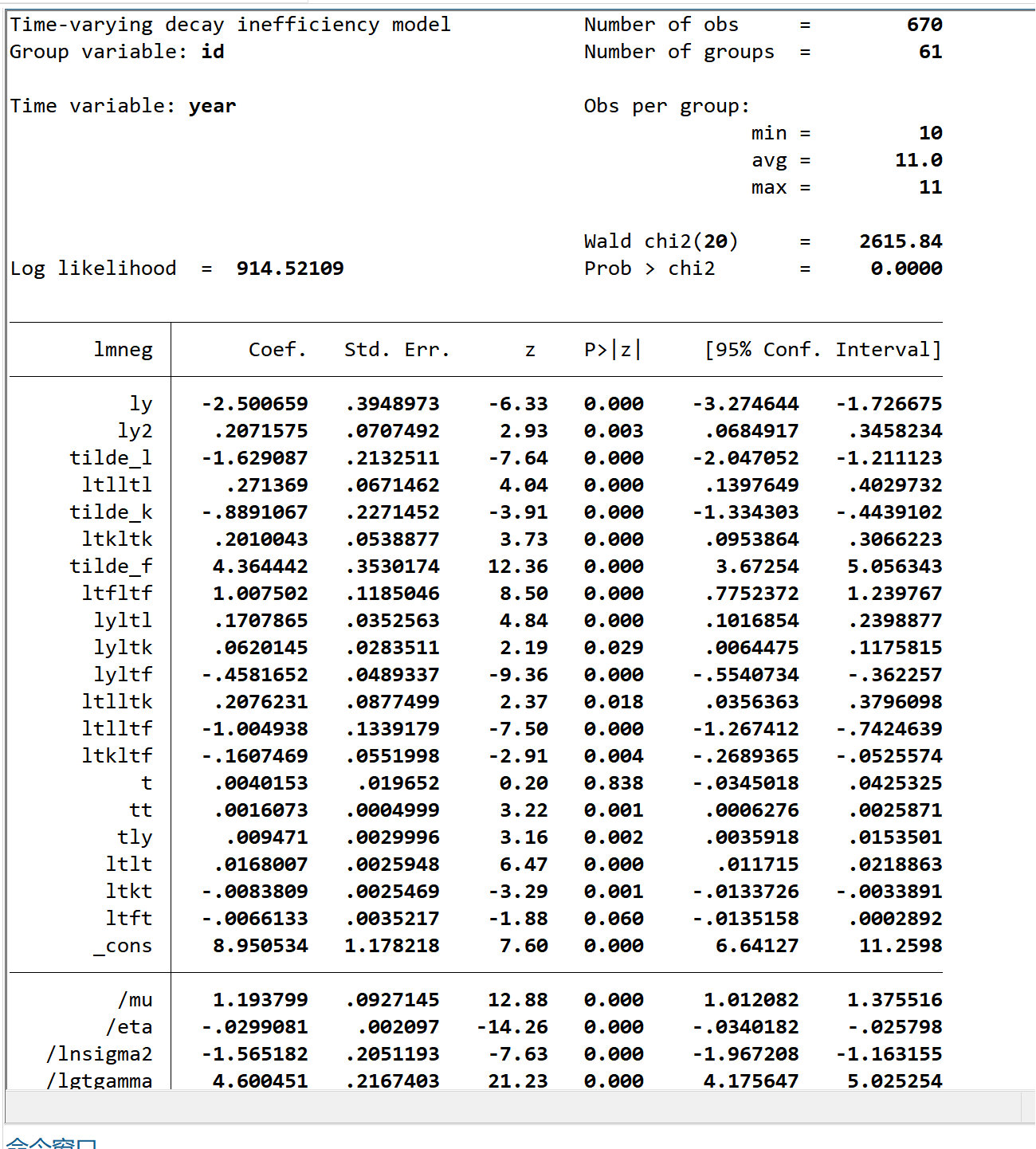
# Table 2.

Estimation results of the input distance function

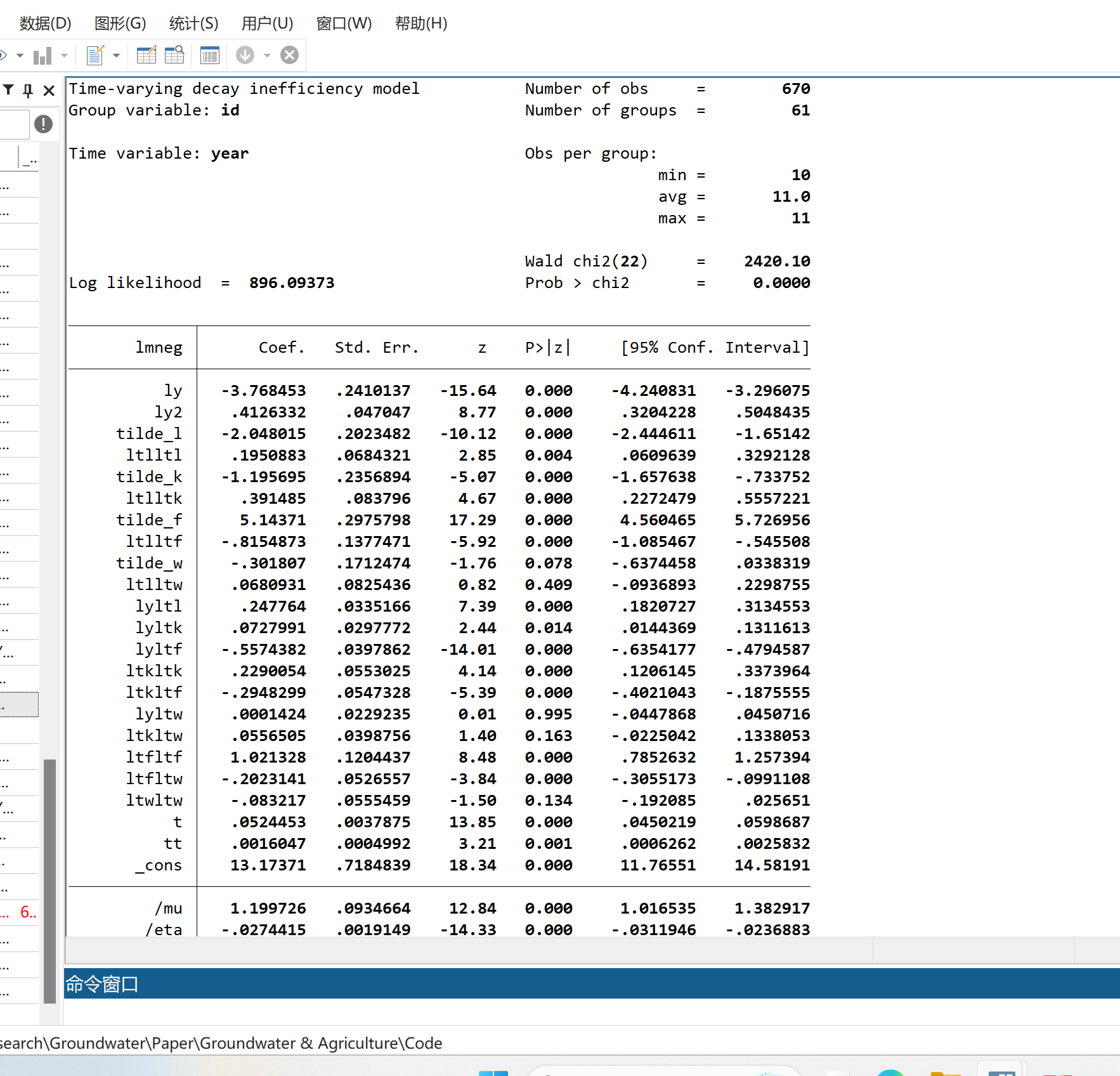
## Column (1)



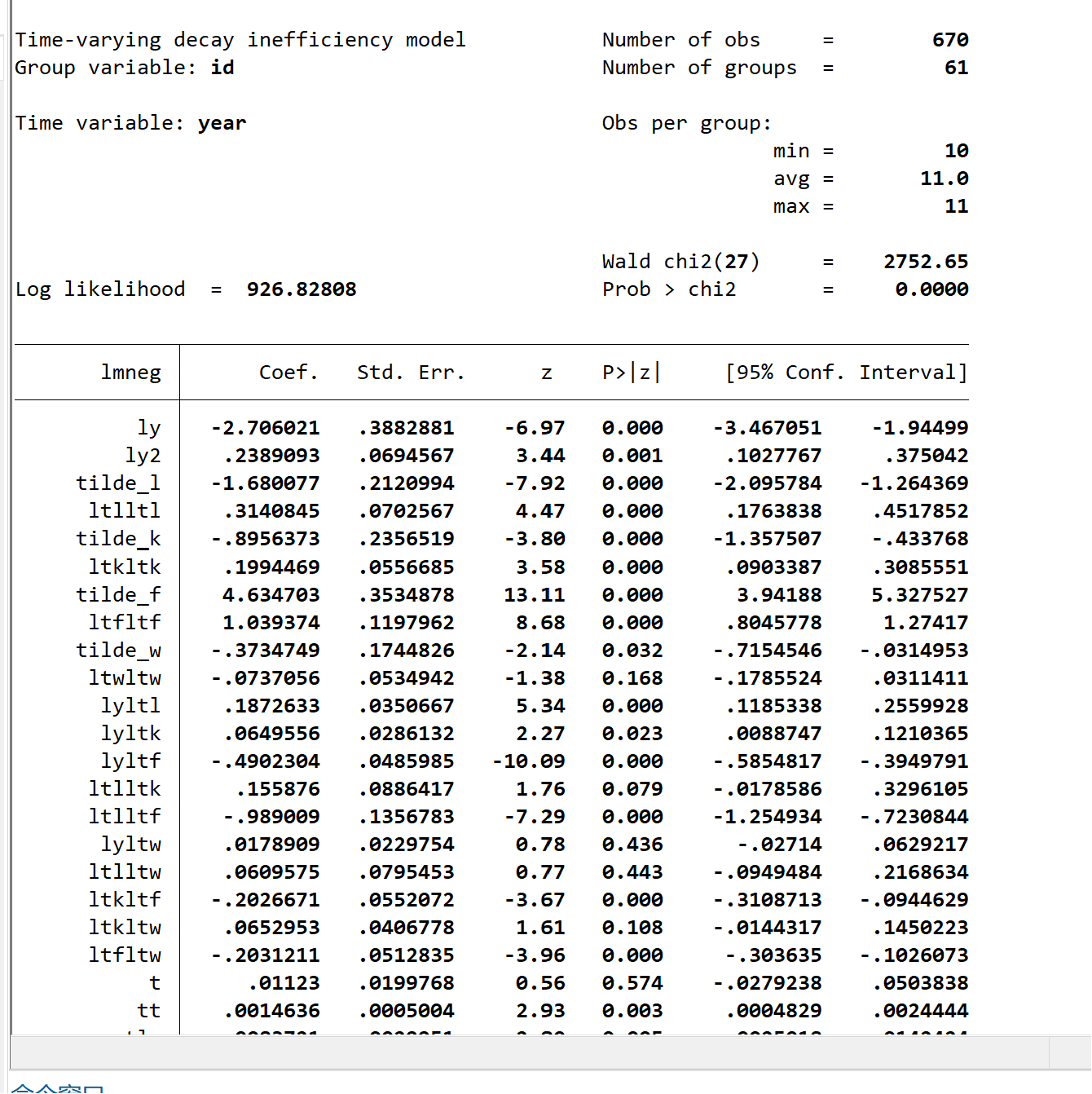
## Column (2)



## Column (3)



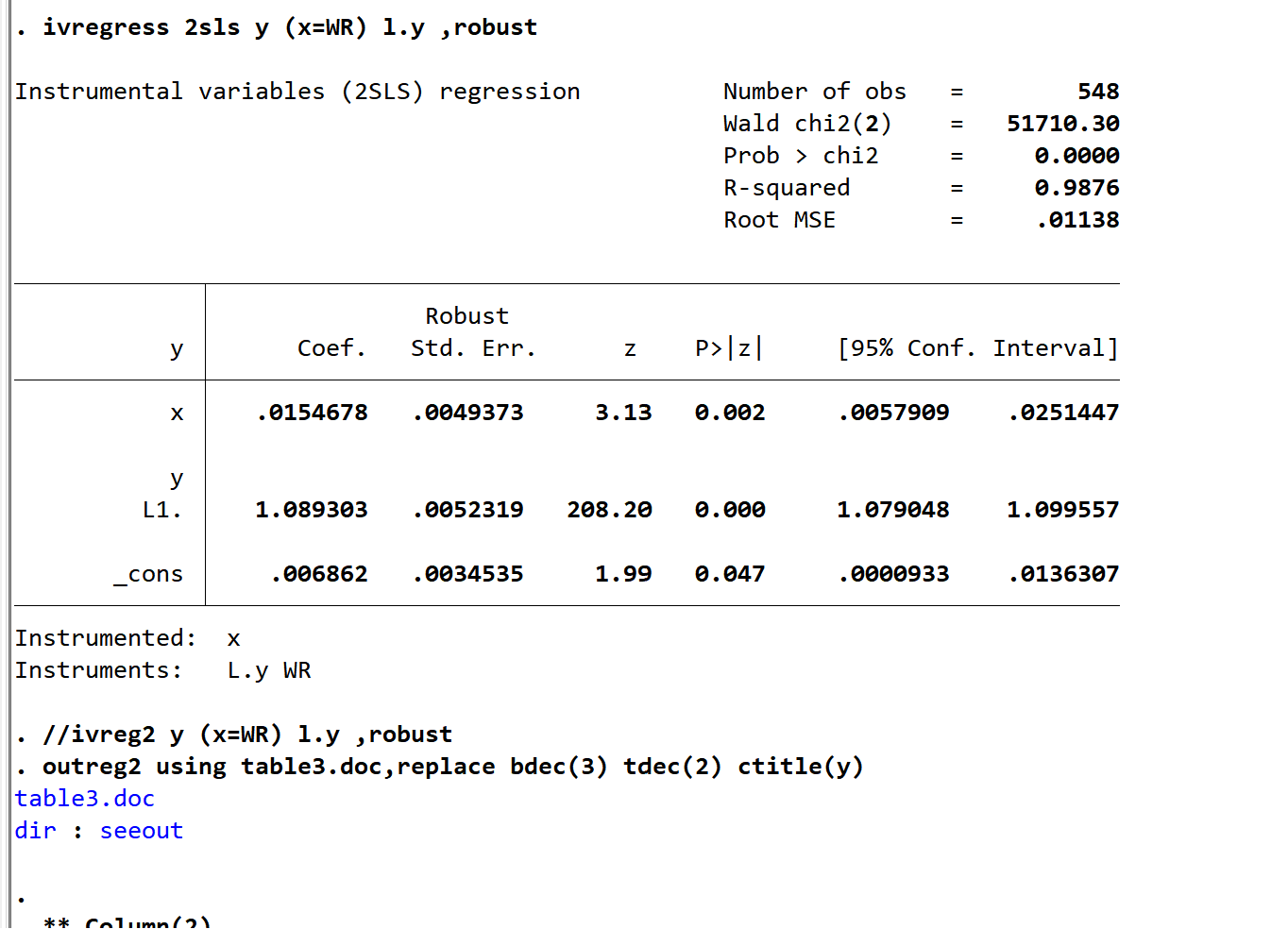
## Column (4)



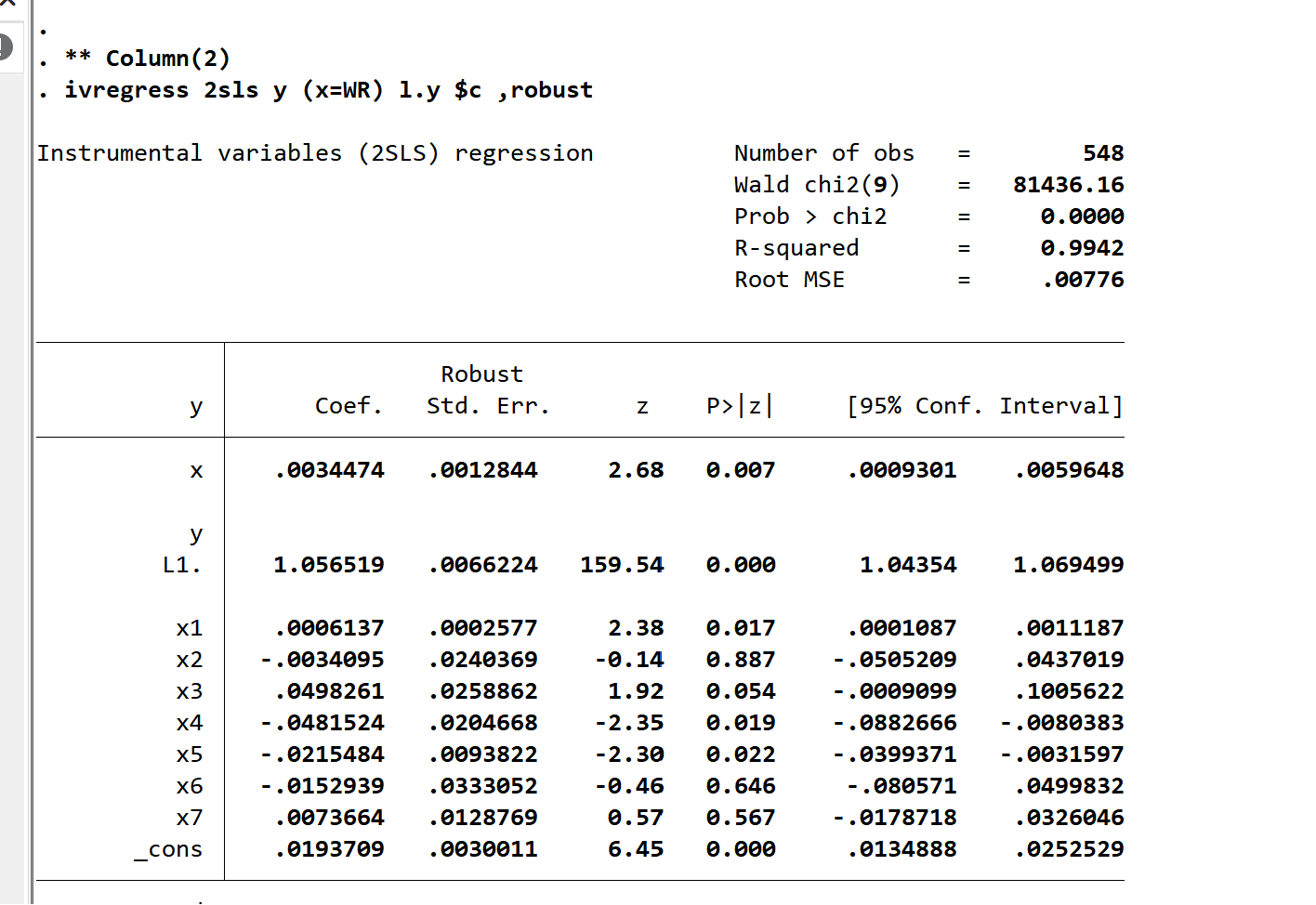
# Table 3.

 Panel estimates results

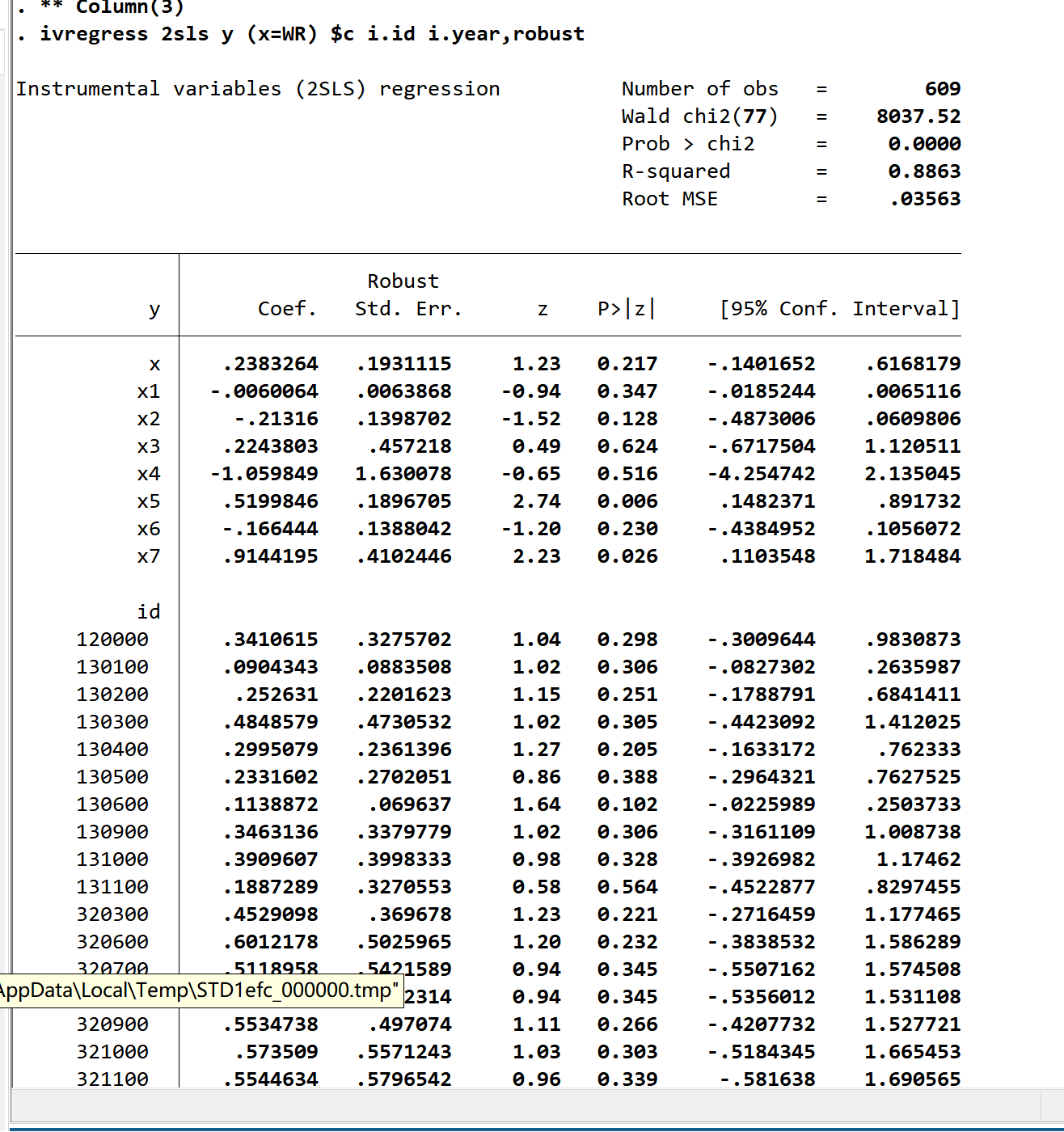
## Column (1)



## Column (2)

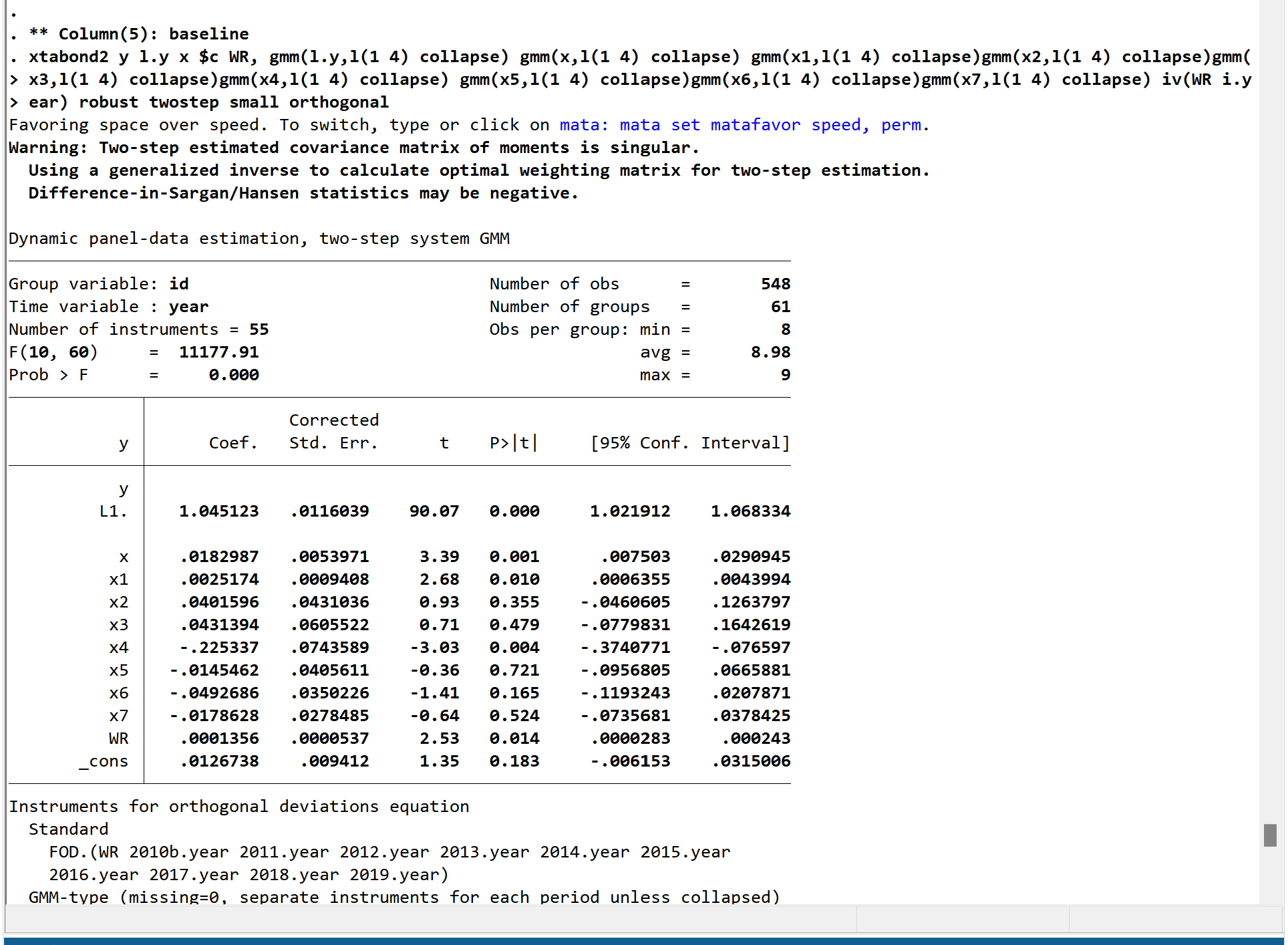


## Column (3)



## Column (4)

## Column (5)

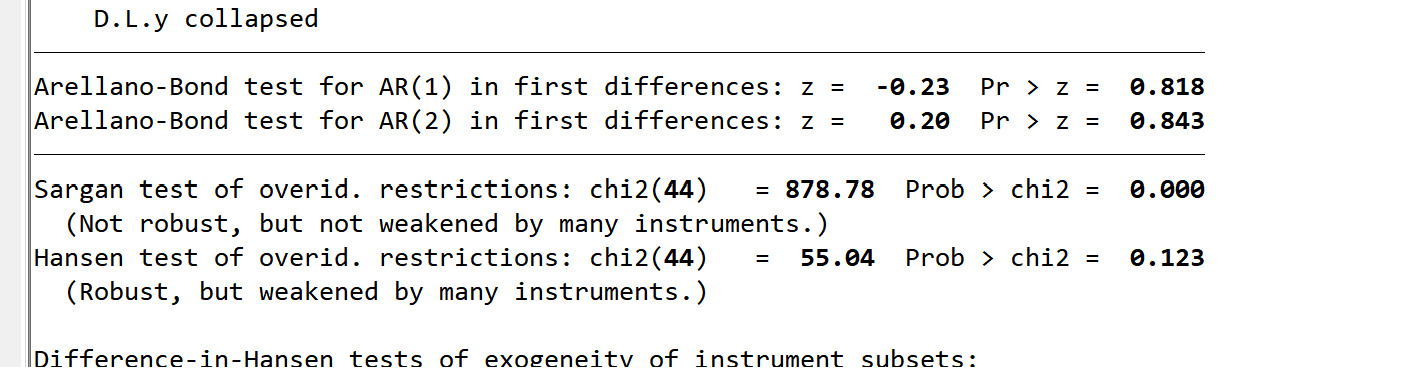
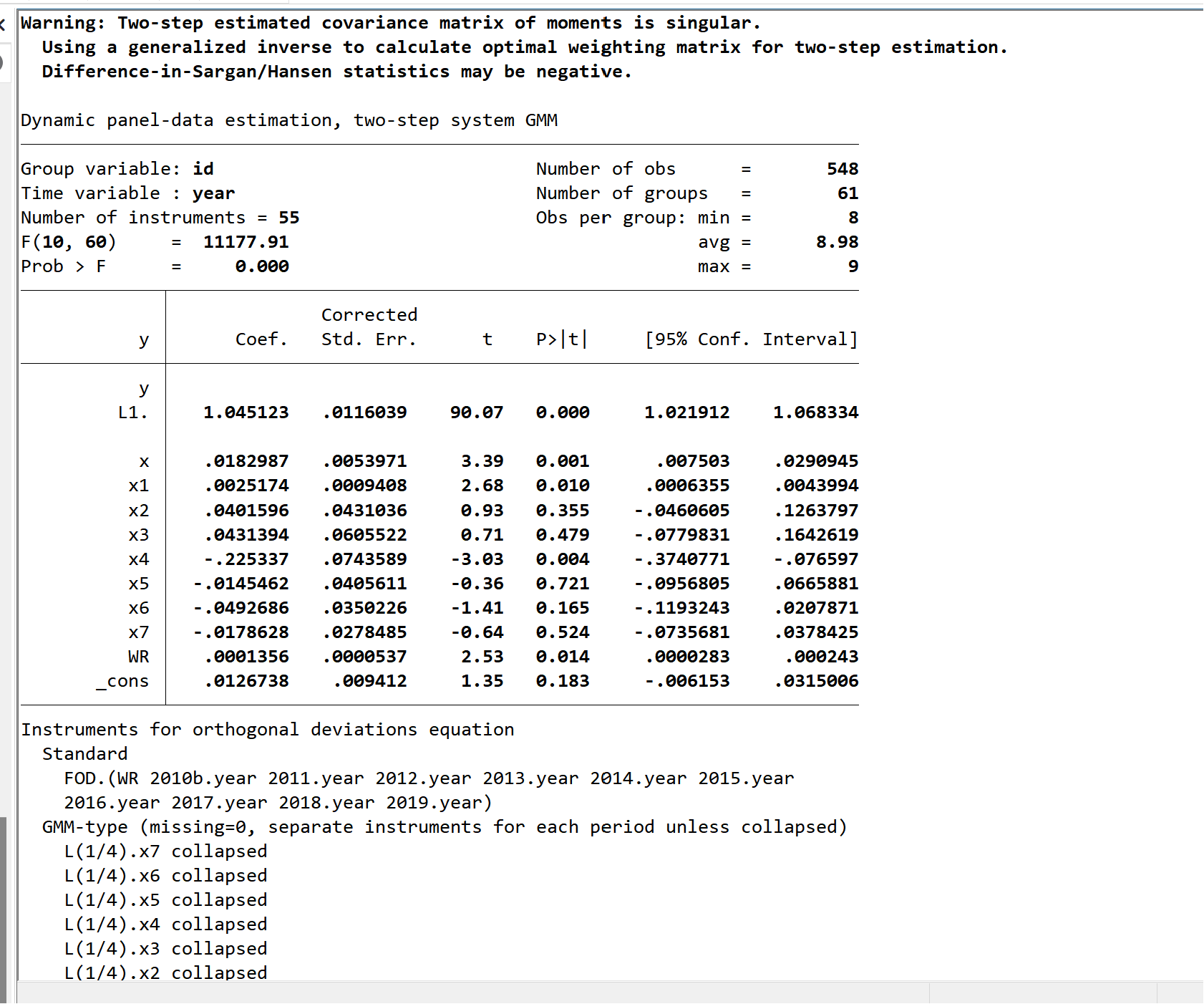


# Table 4.

The results of other ATFPs and land output values

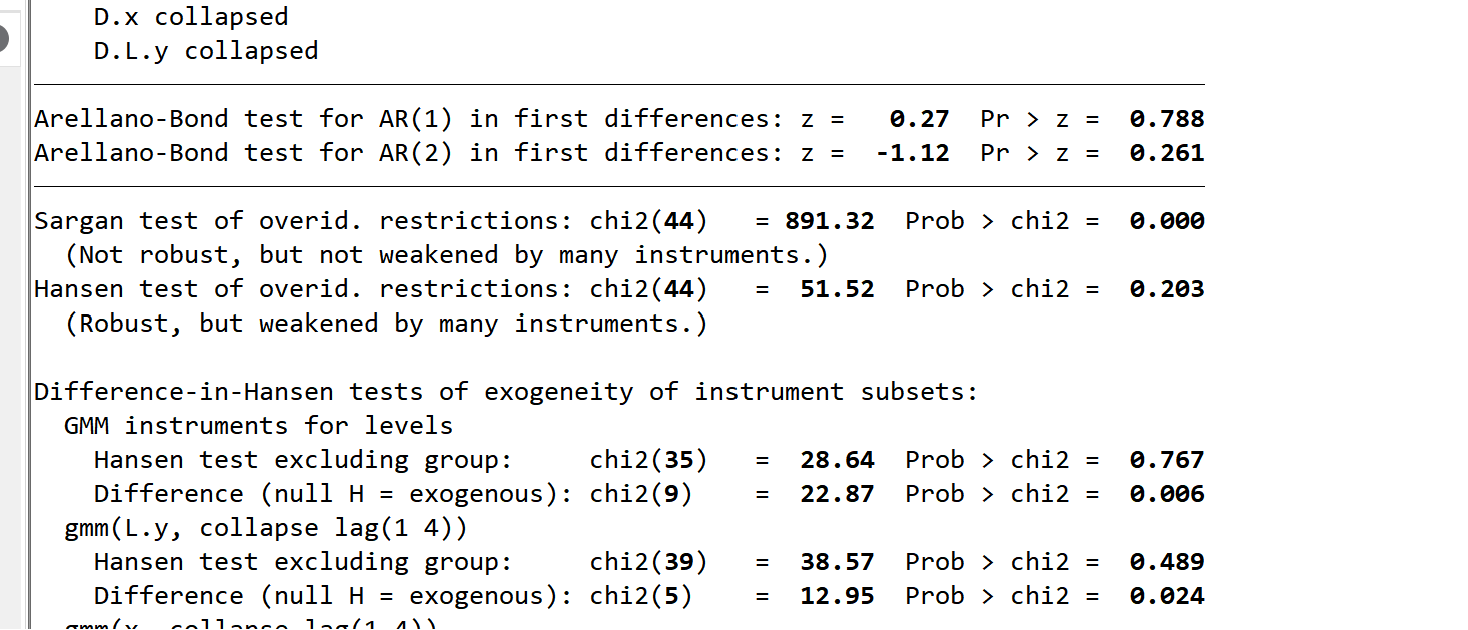
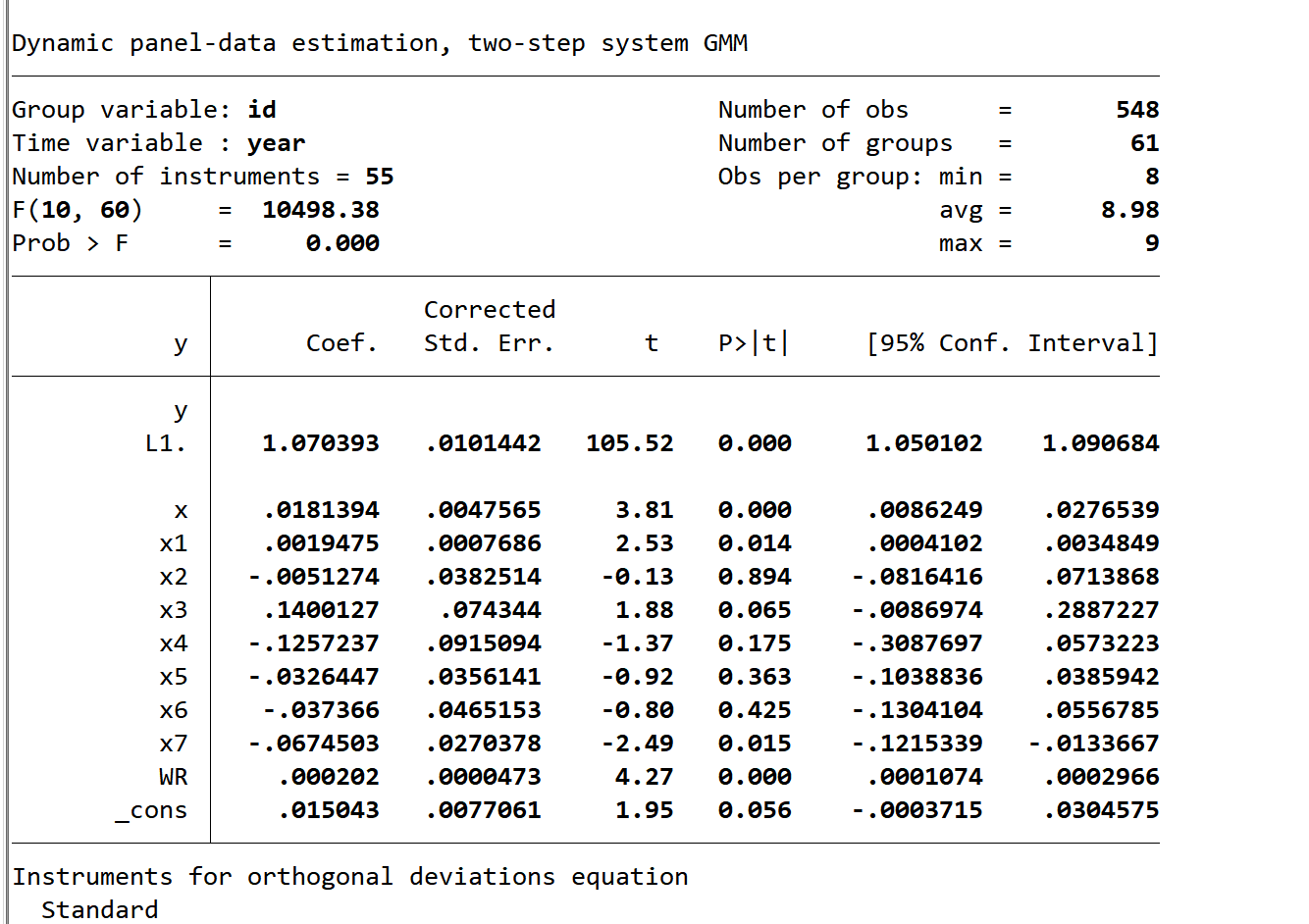
## Column (1)

Baseline, TL-Water-nNeutral

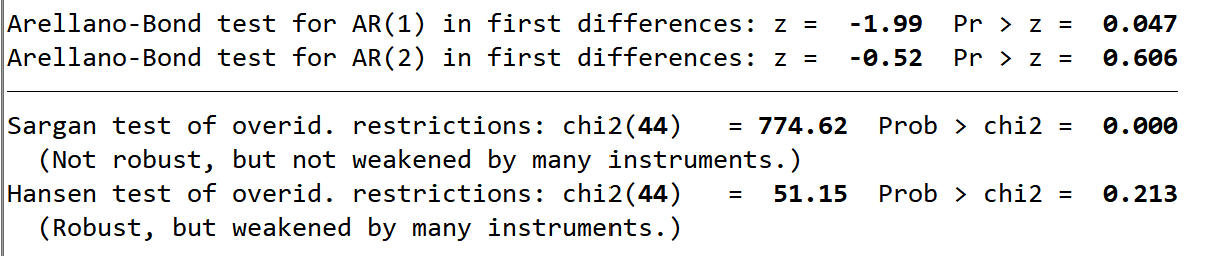
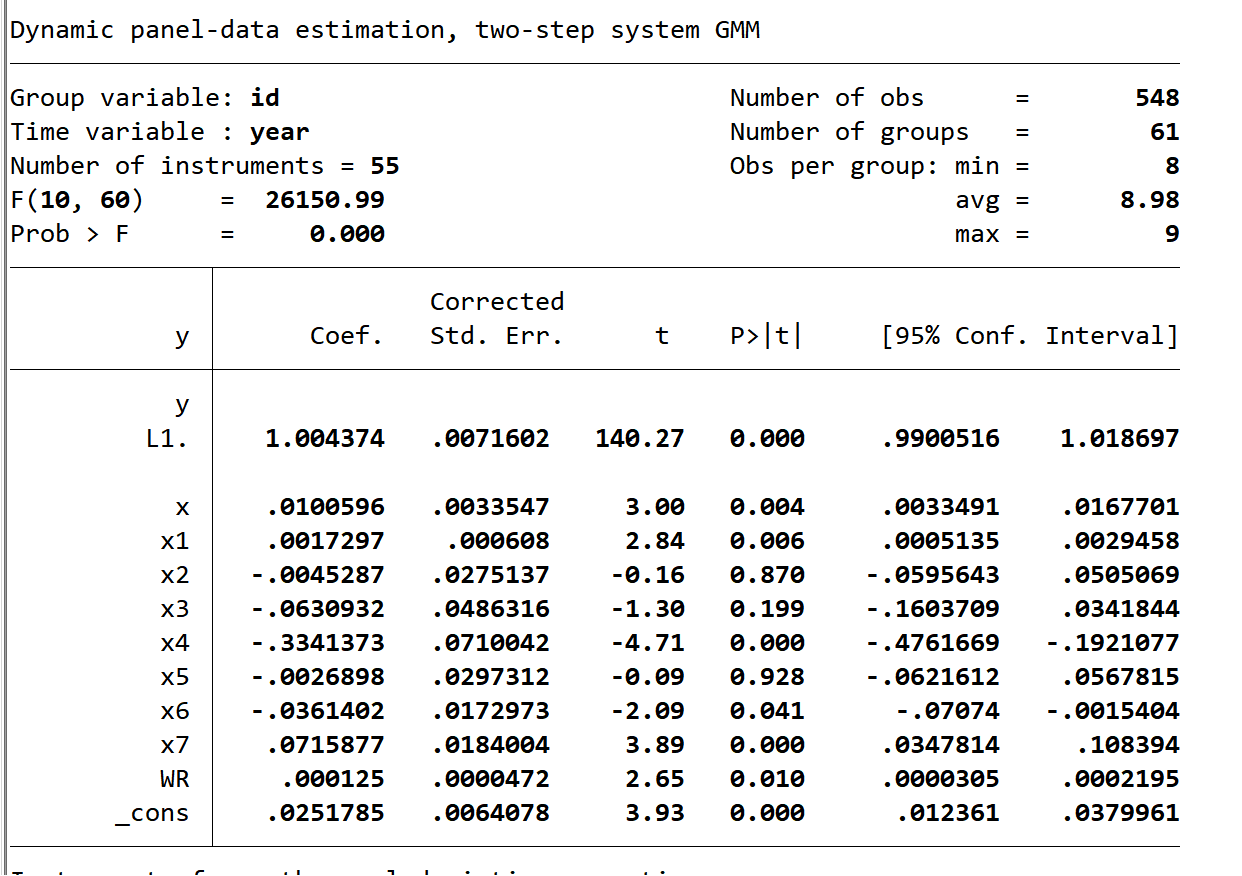


## Column (2)

CD-Water-nNeutral

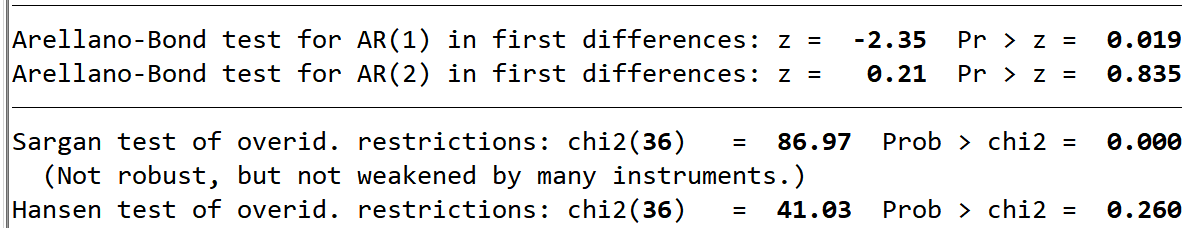
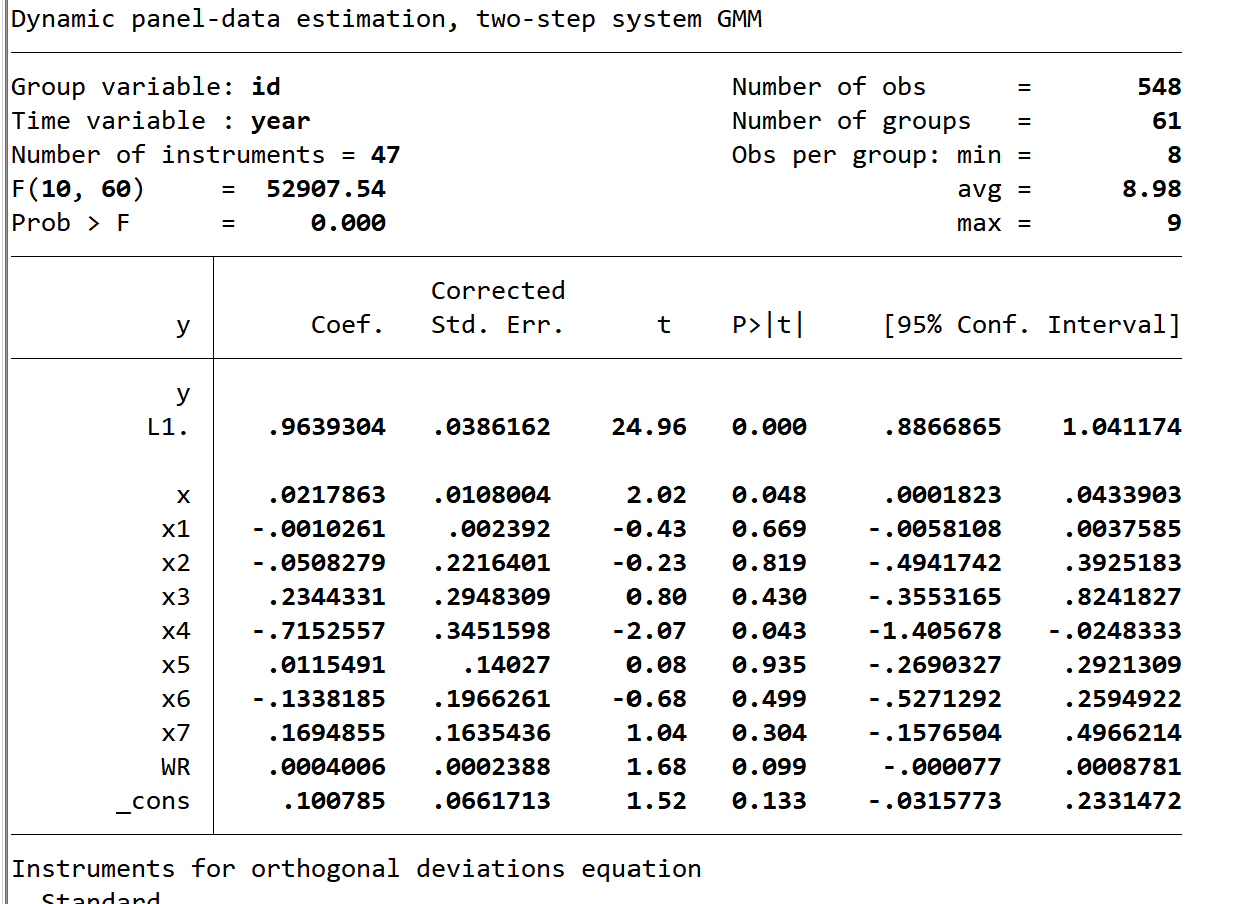


## Column (3)



## Column (4)

## Column (5)

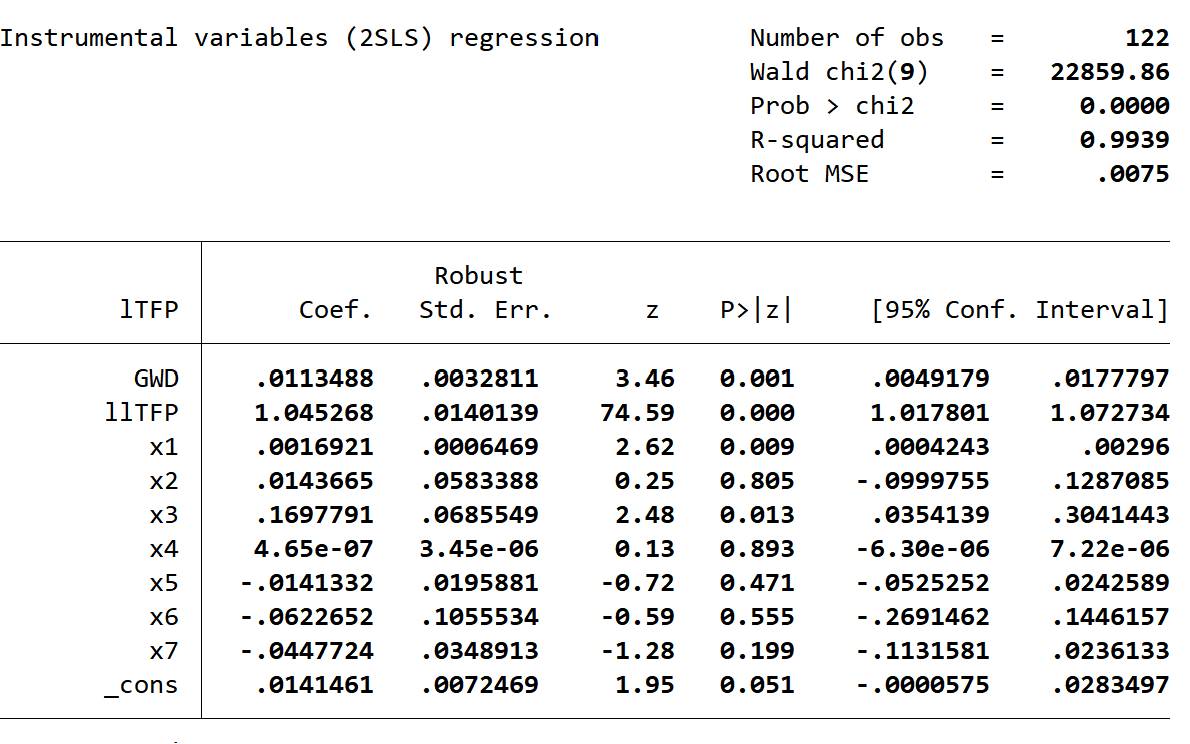
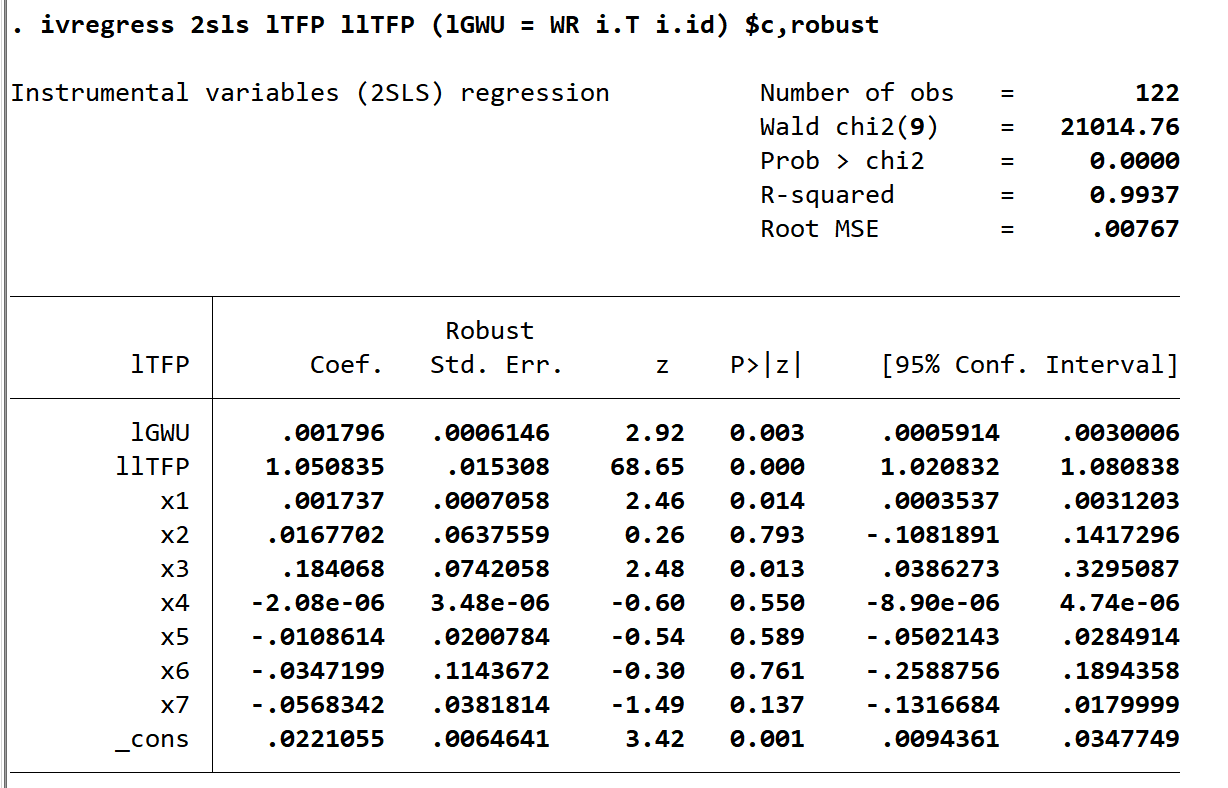
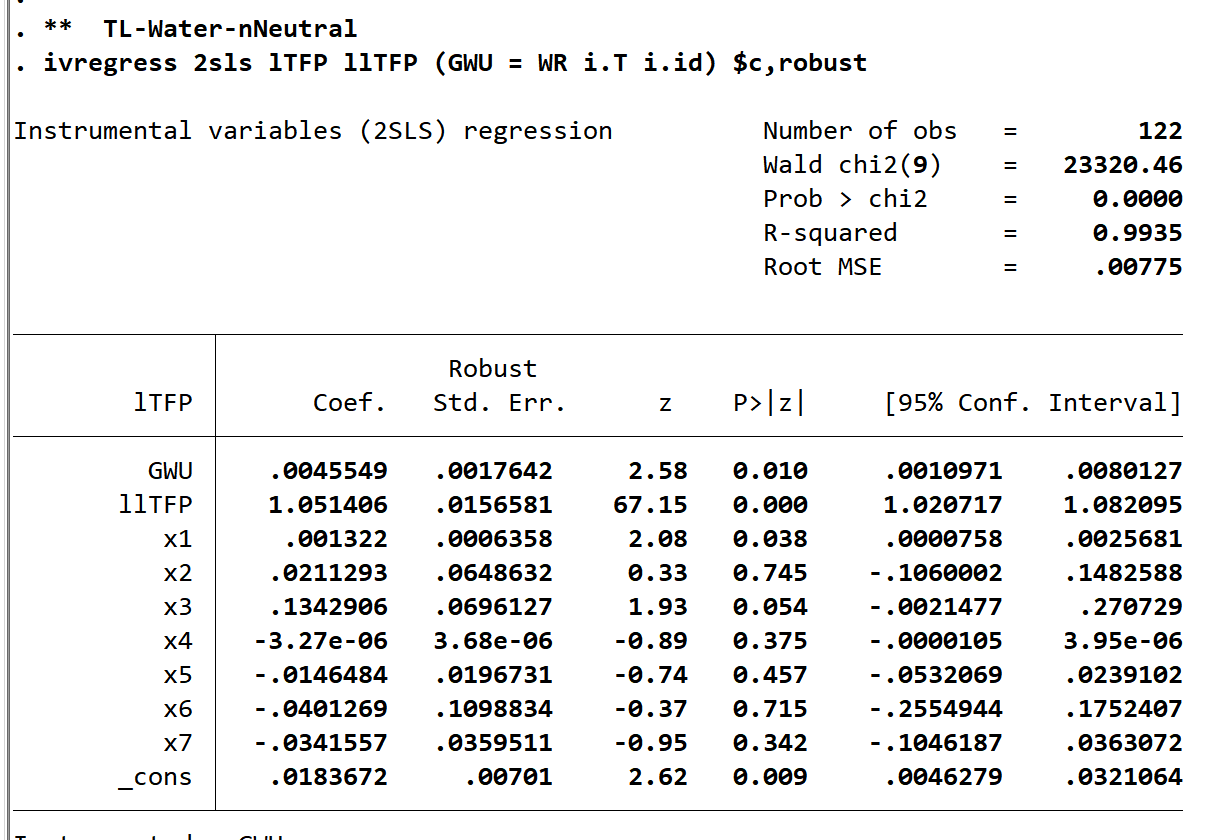


# Table 5.

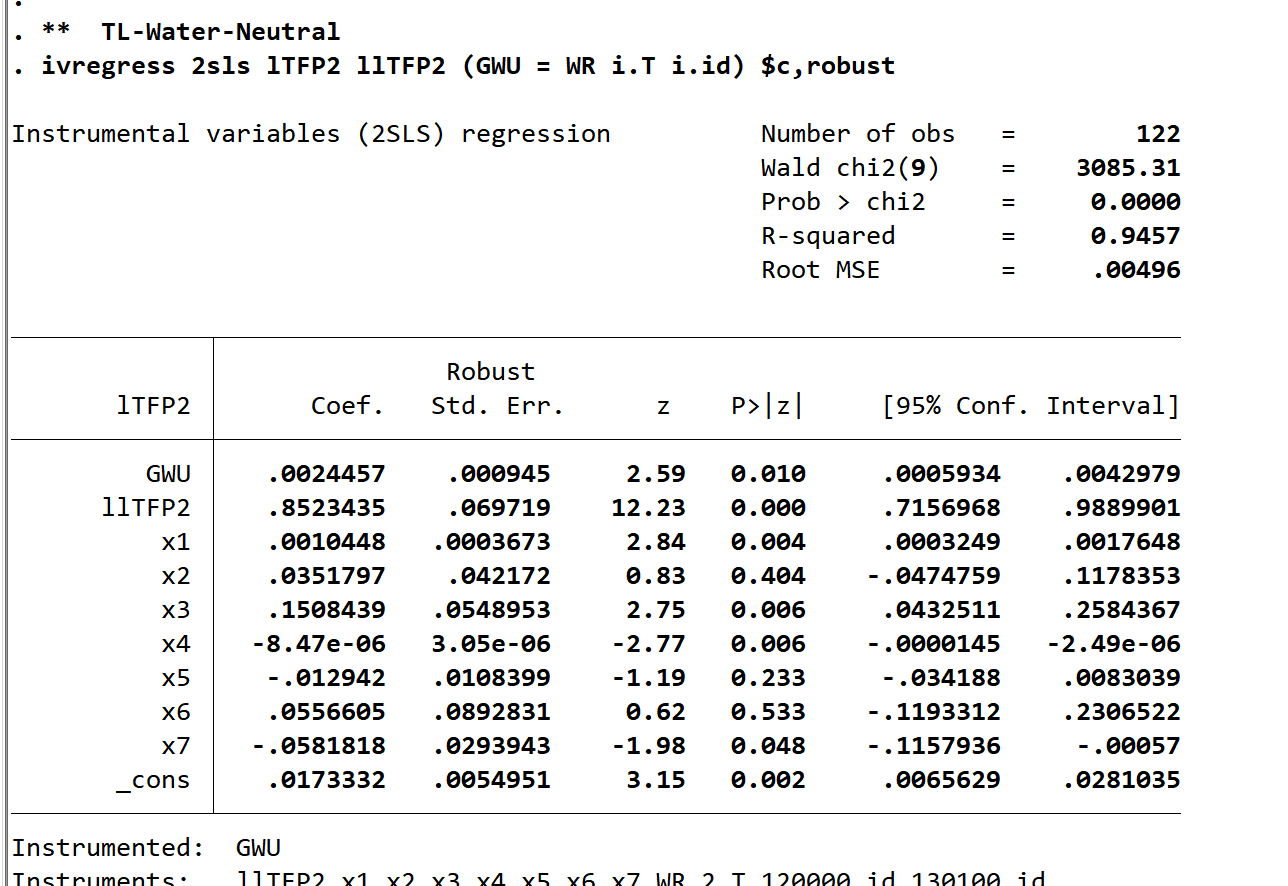
Long-difference estimates results

## Column (1)-(3)

TL-Water-nNeutral

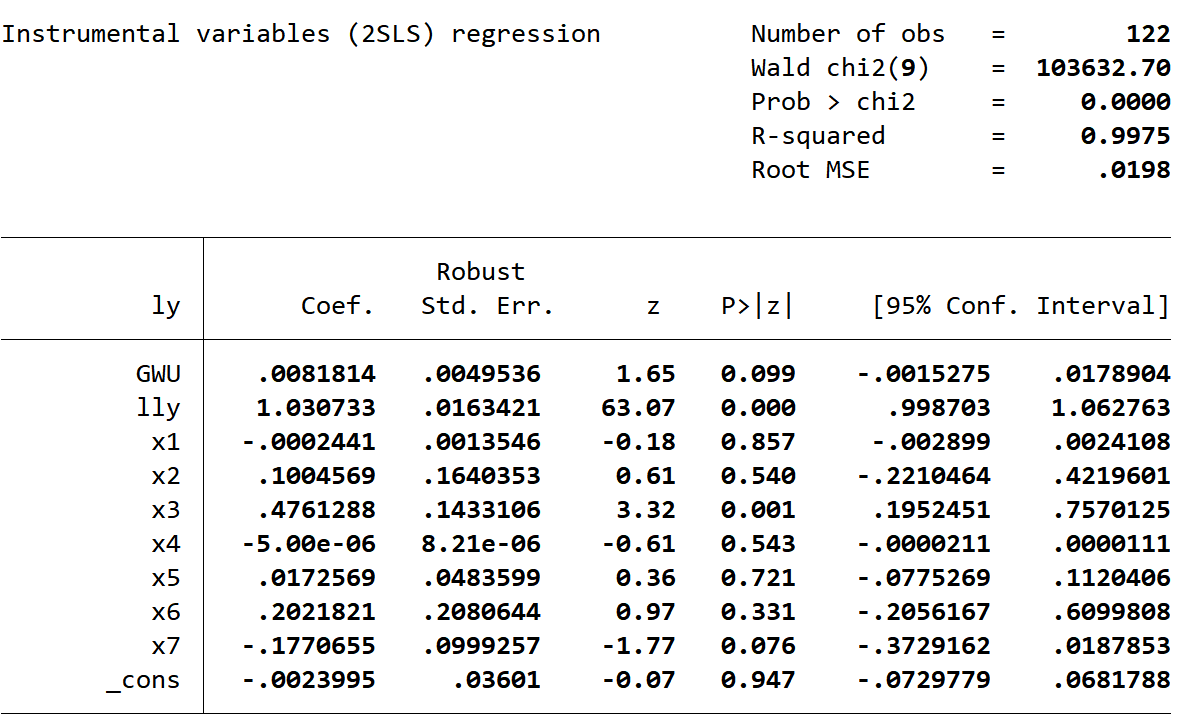


## Column (4)



## Column (5)

## Column (6)



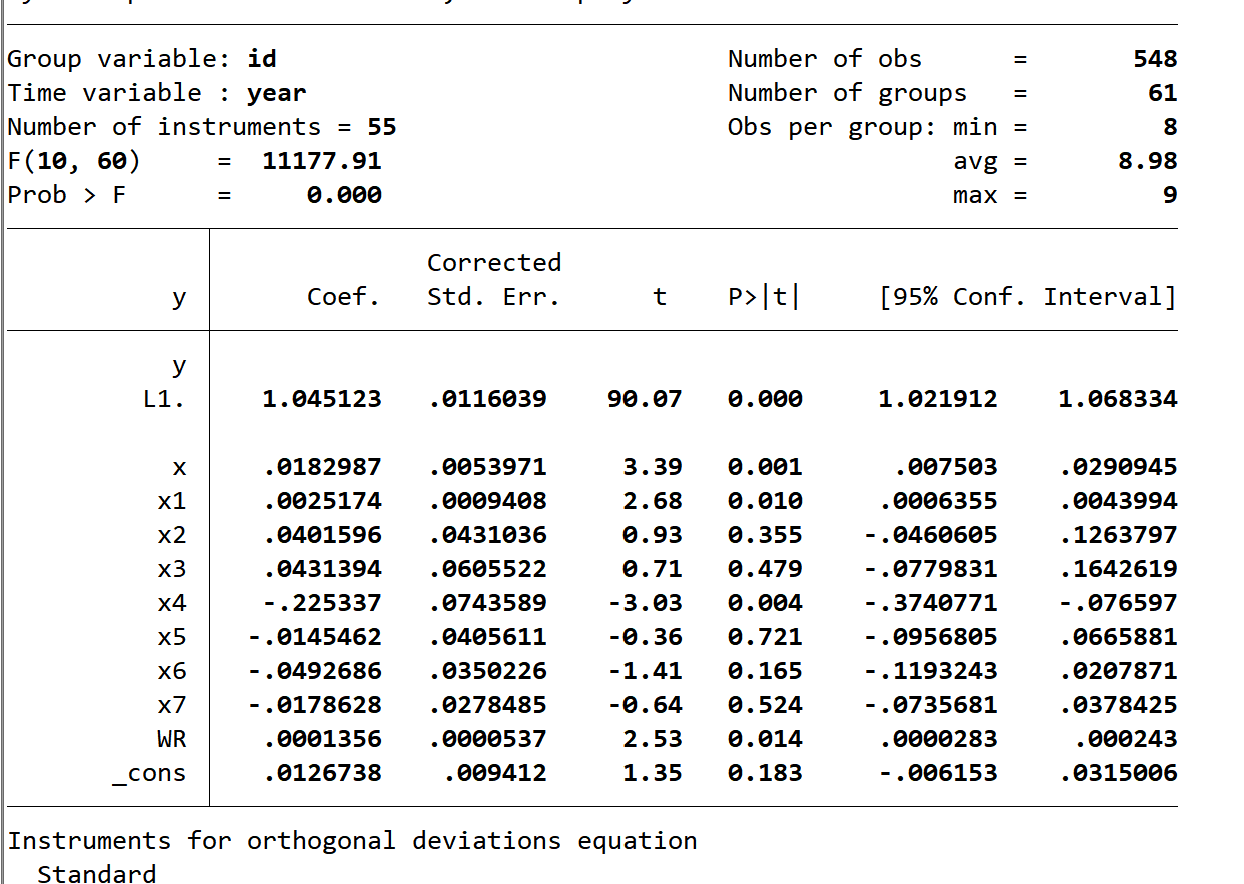
# Table A2.

Panel estimates of the impacts of groundwater exploitation on ATFP

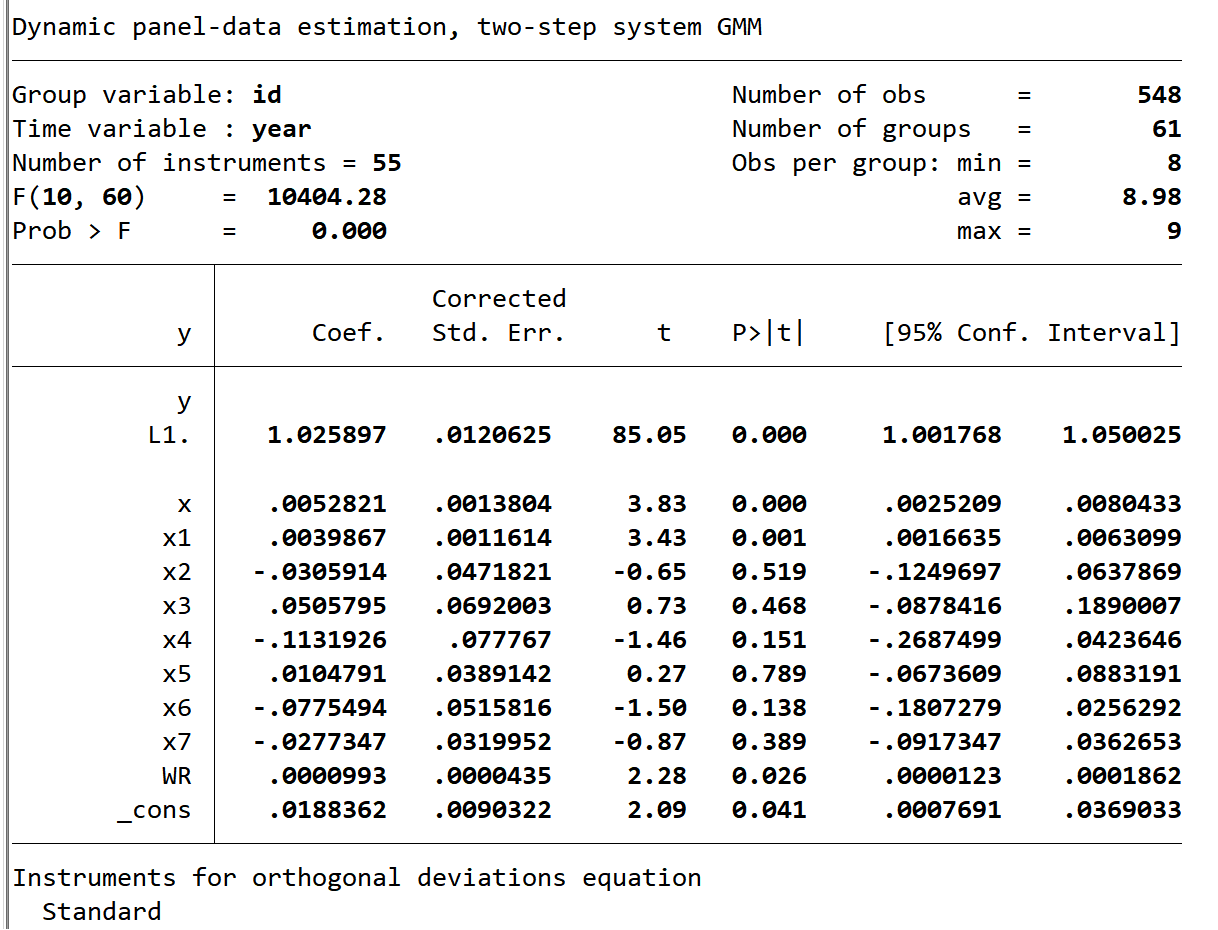
## Column (1)-(3)

y=TFP (TL-Water-nNeutral)

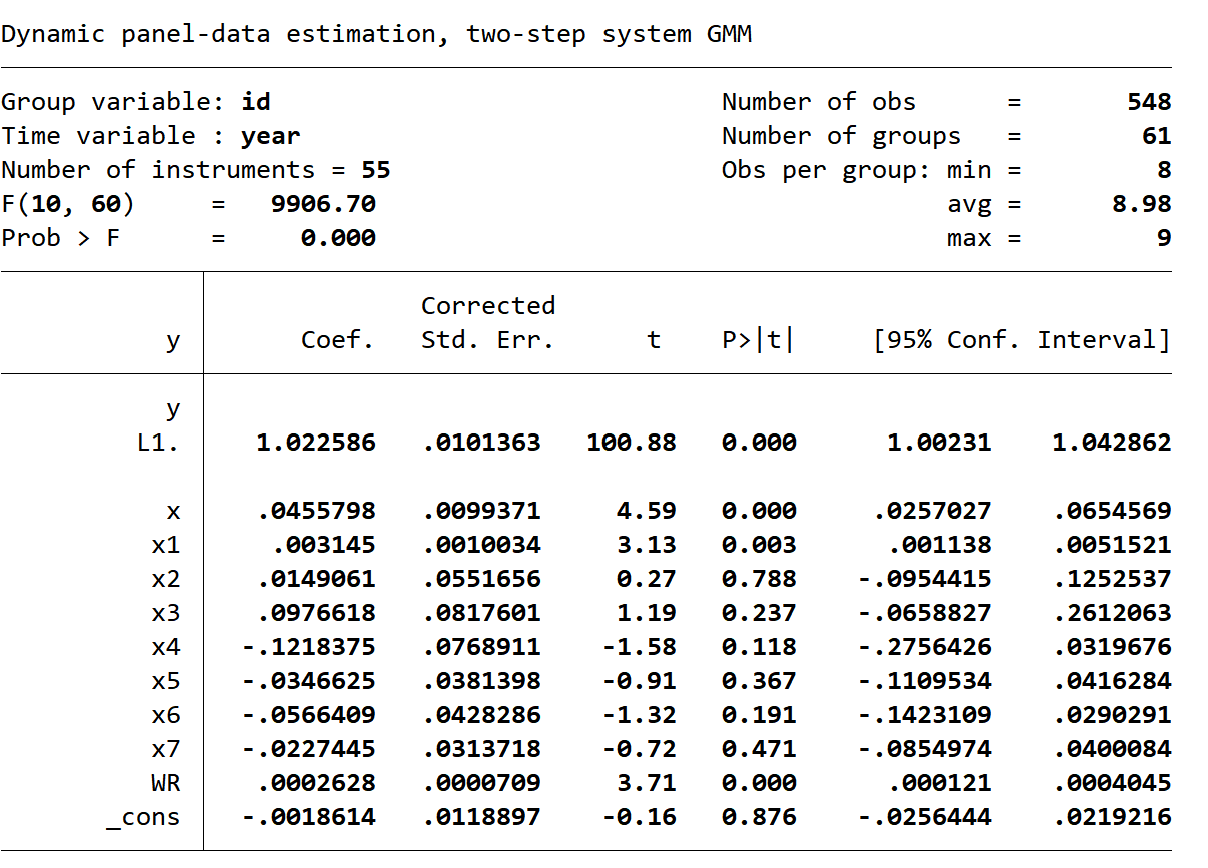
①x=GWU



②x=ln(GWU)



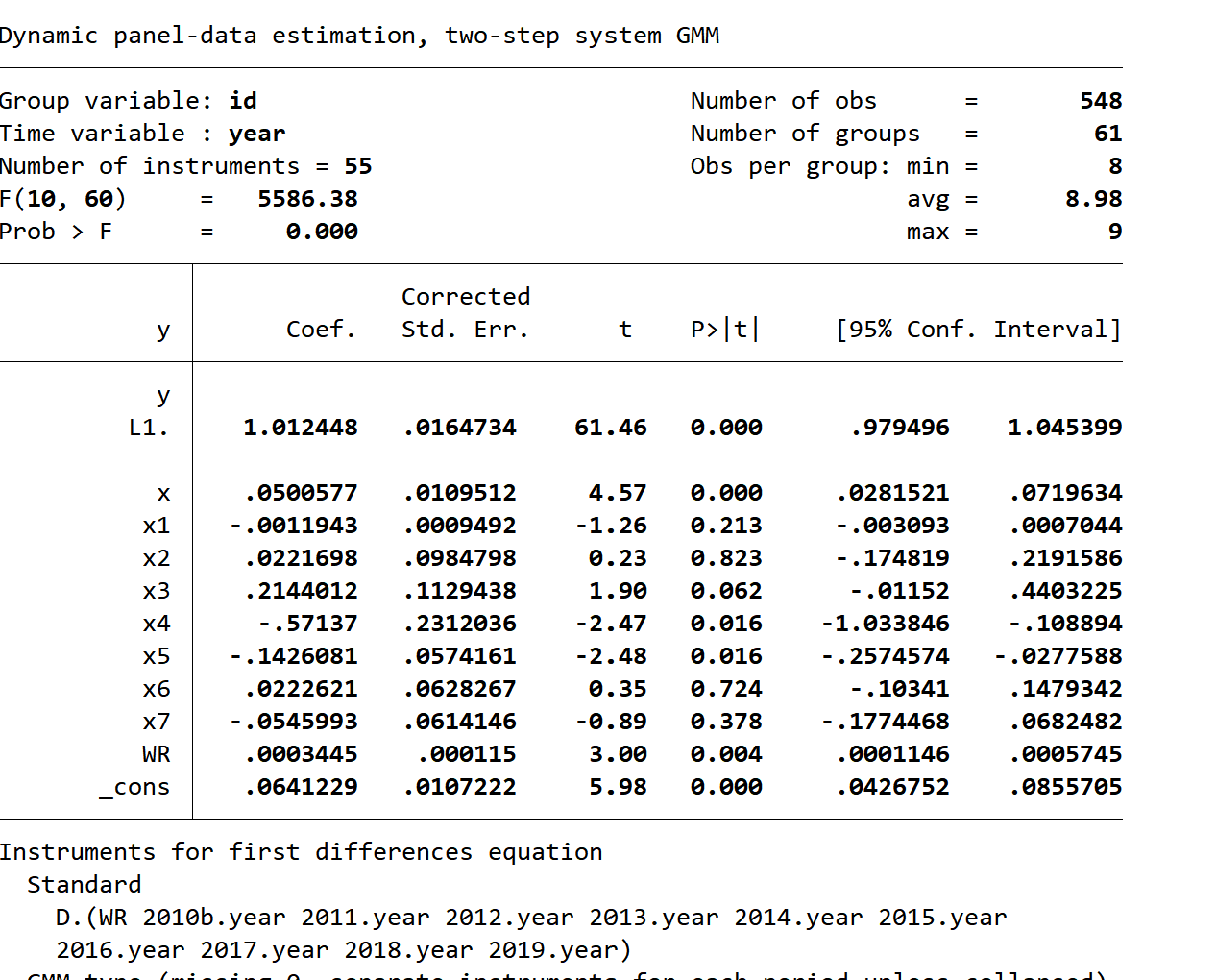
③x=GWD



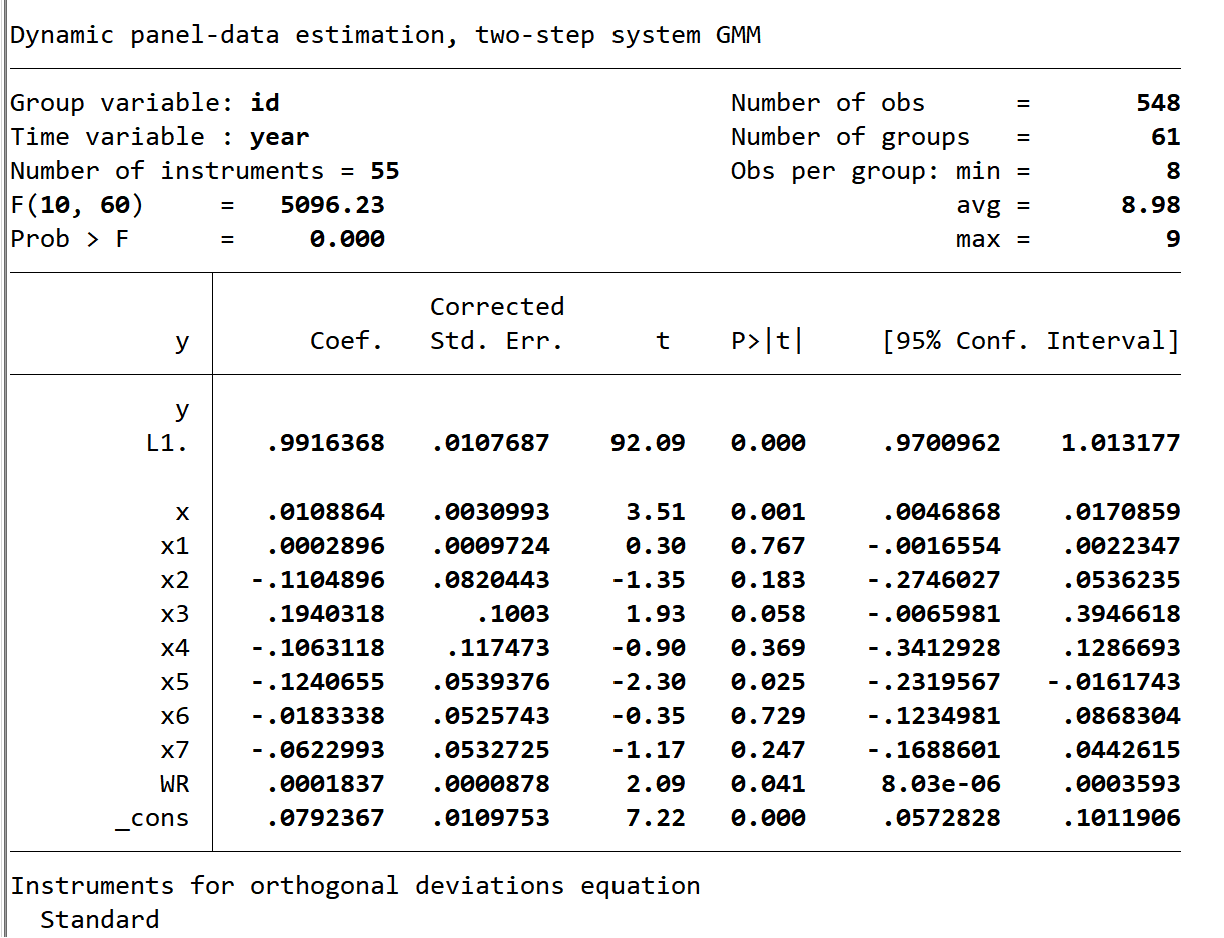
## Column (4)-(6)

y=TFP4 (TL-nWater-nNeutral)

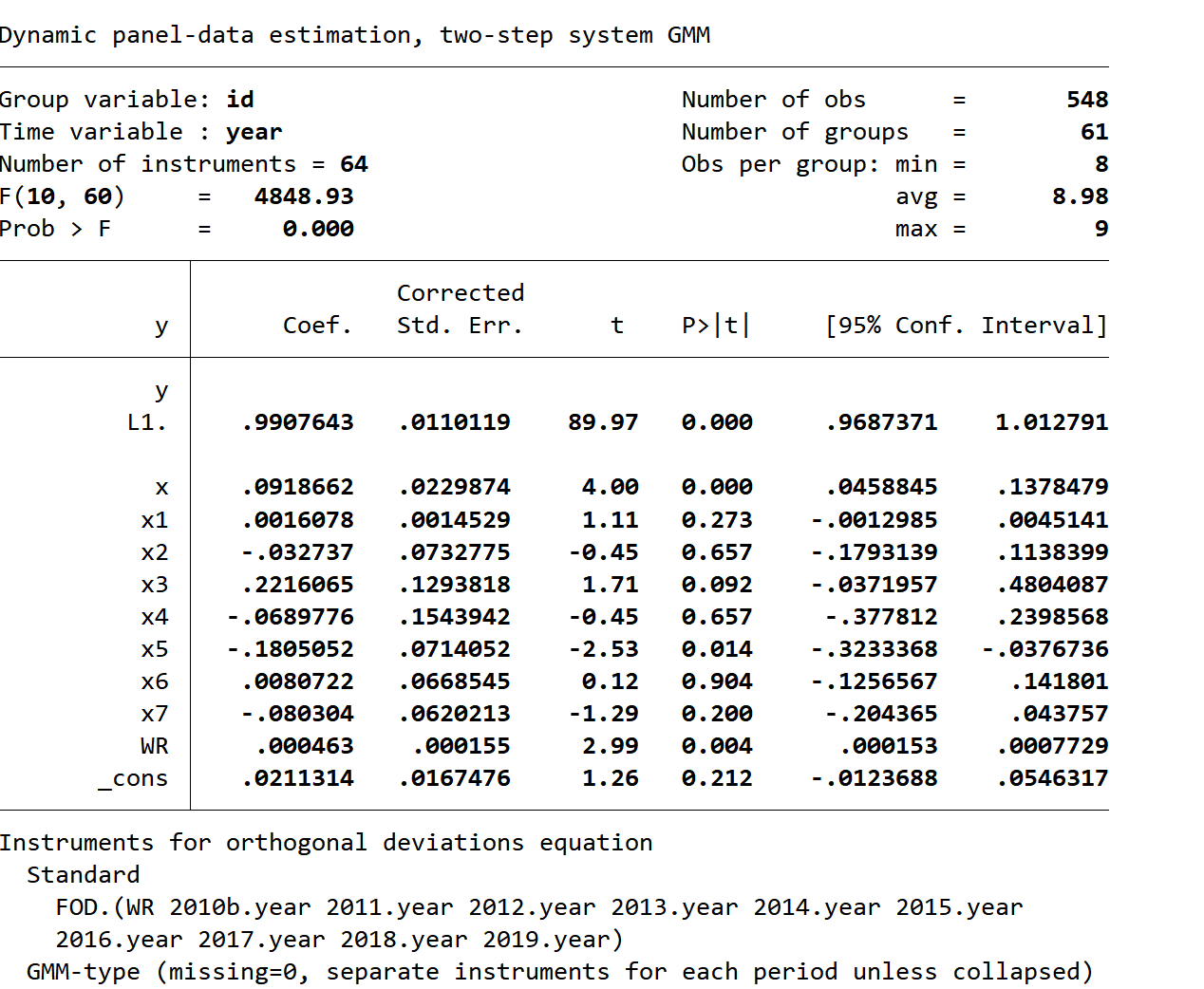
①x=GWU



②x=ln(GWU)



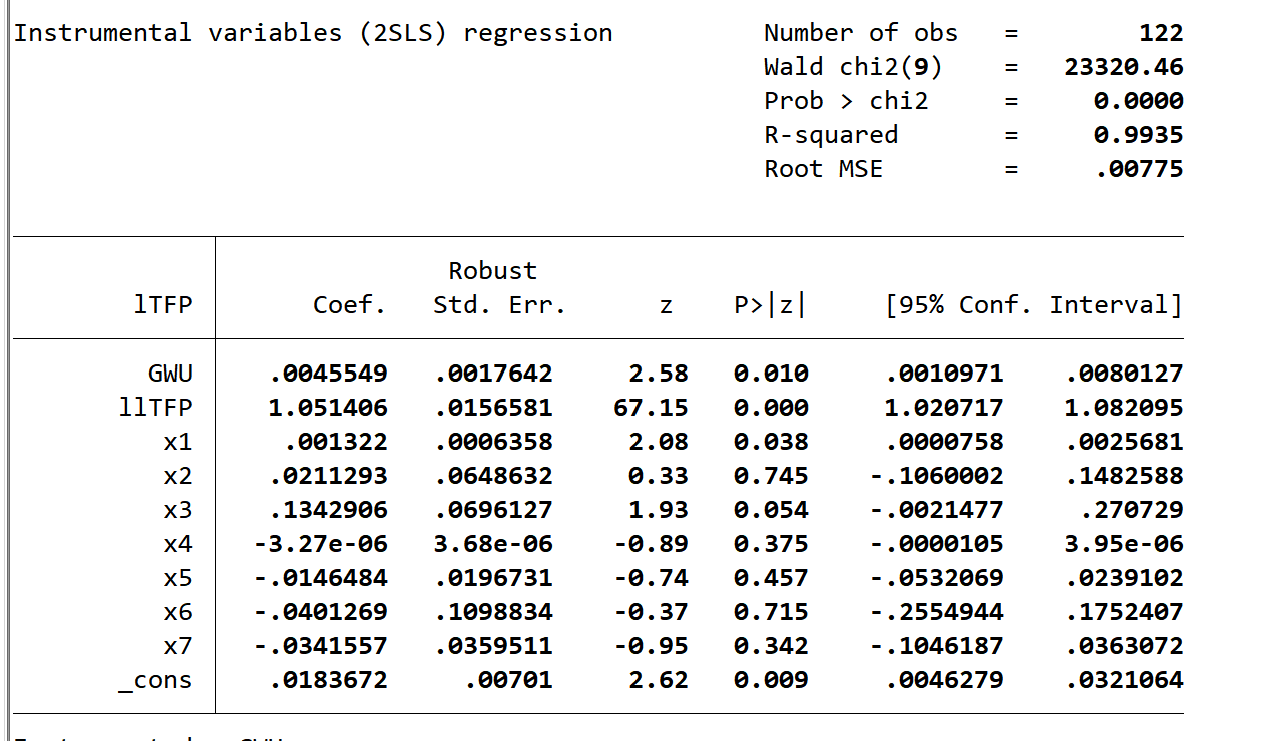
③x=GWD



# Table A3.

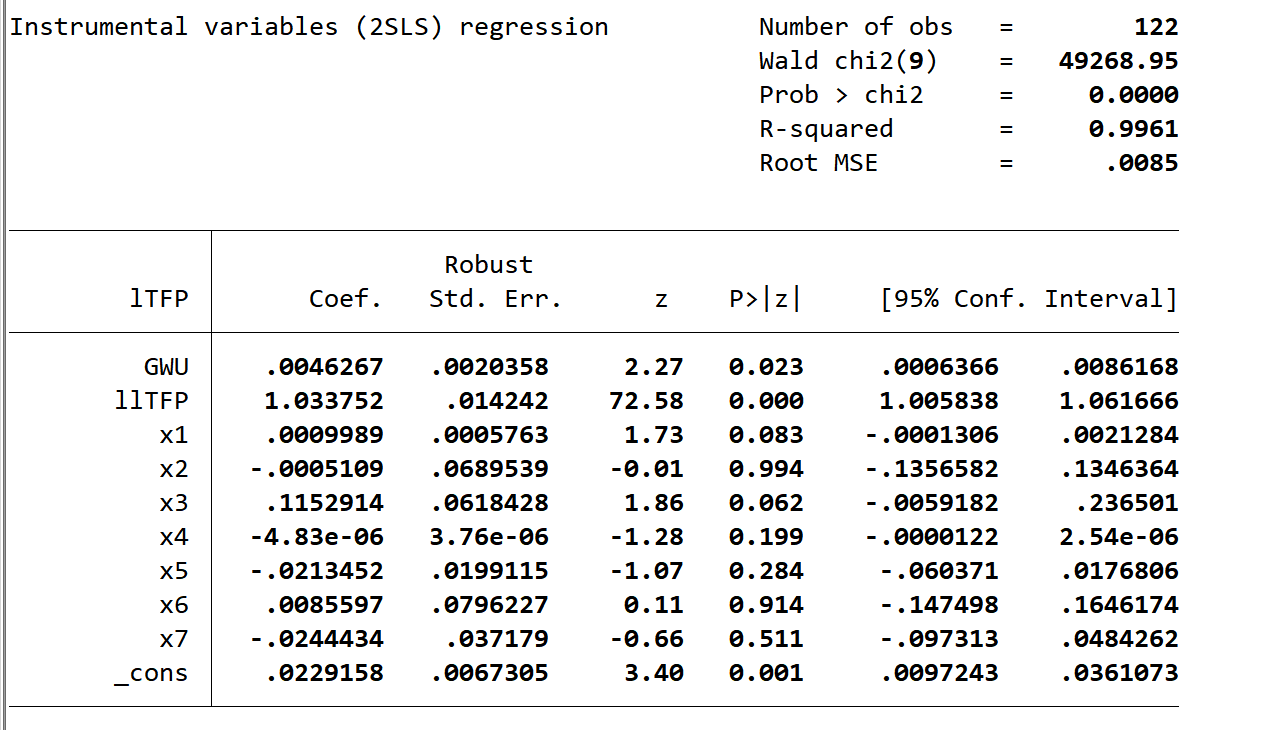
## Column (1)

(1) 5-year



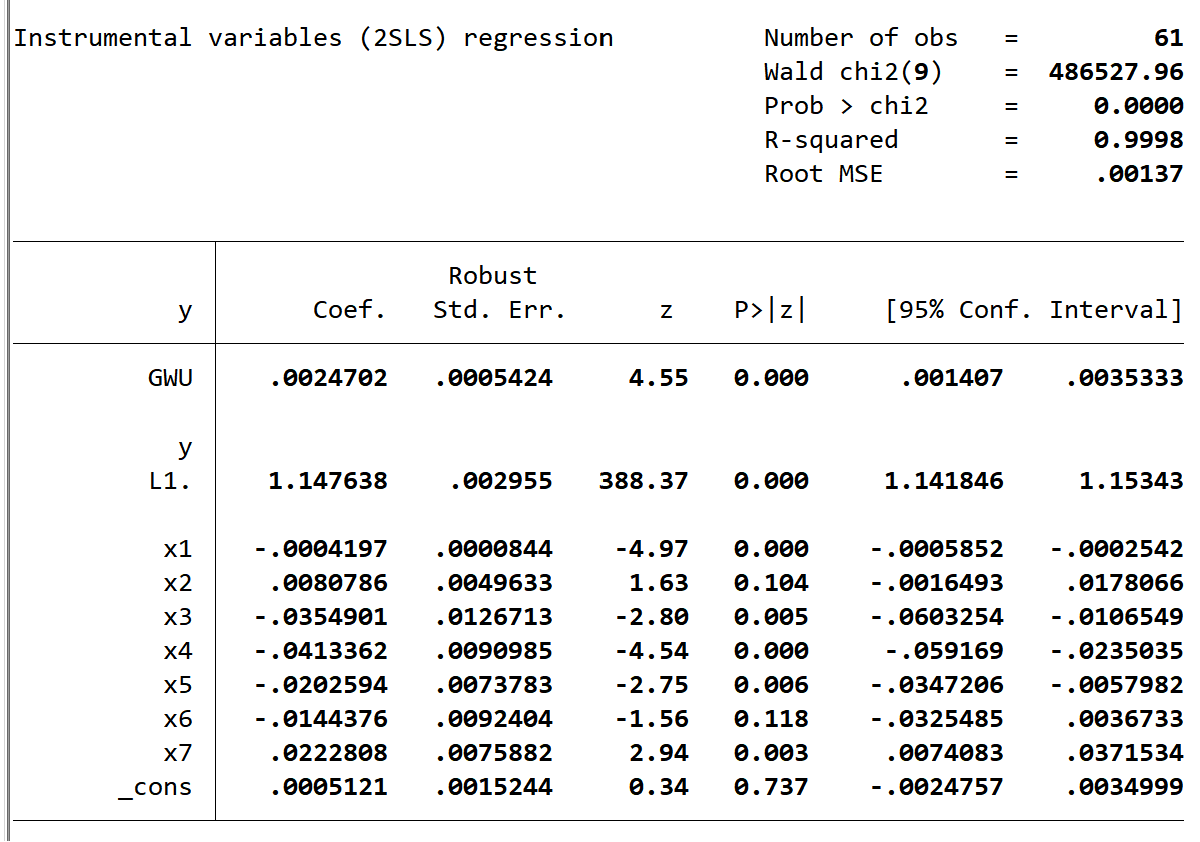
## Column (2)

1. 2-year



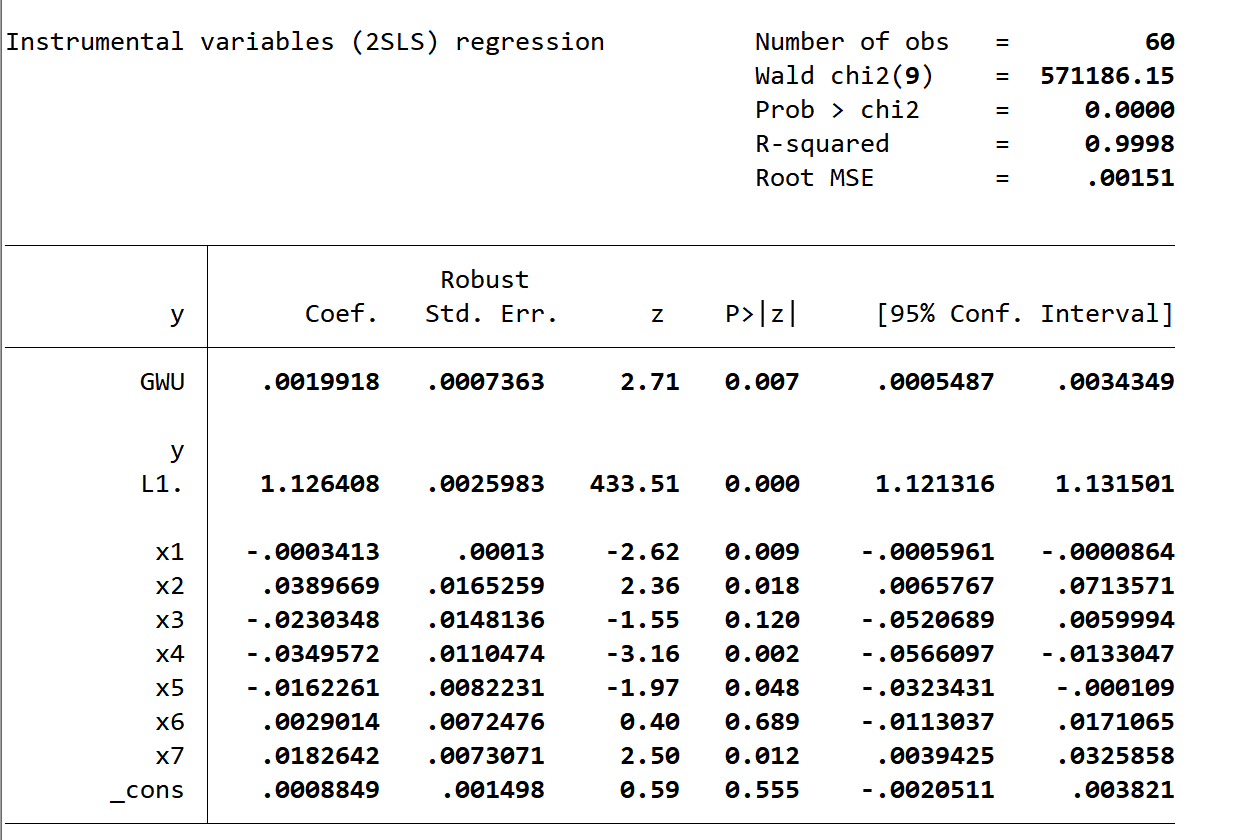
## Column (3)

(3)2010 and 2018



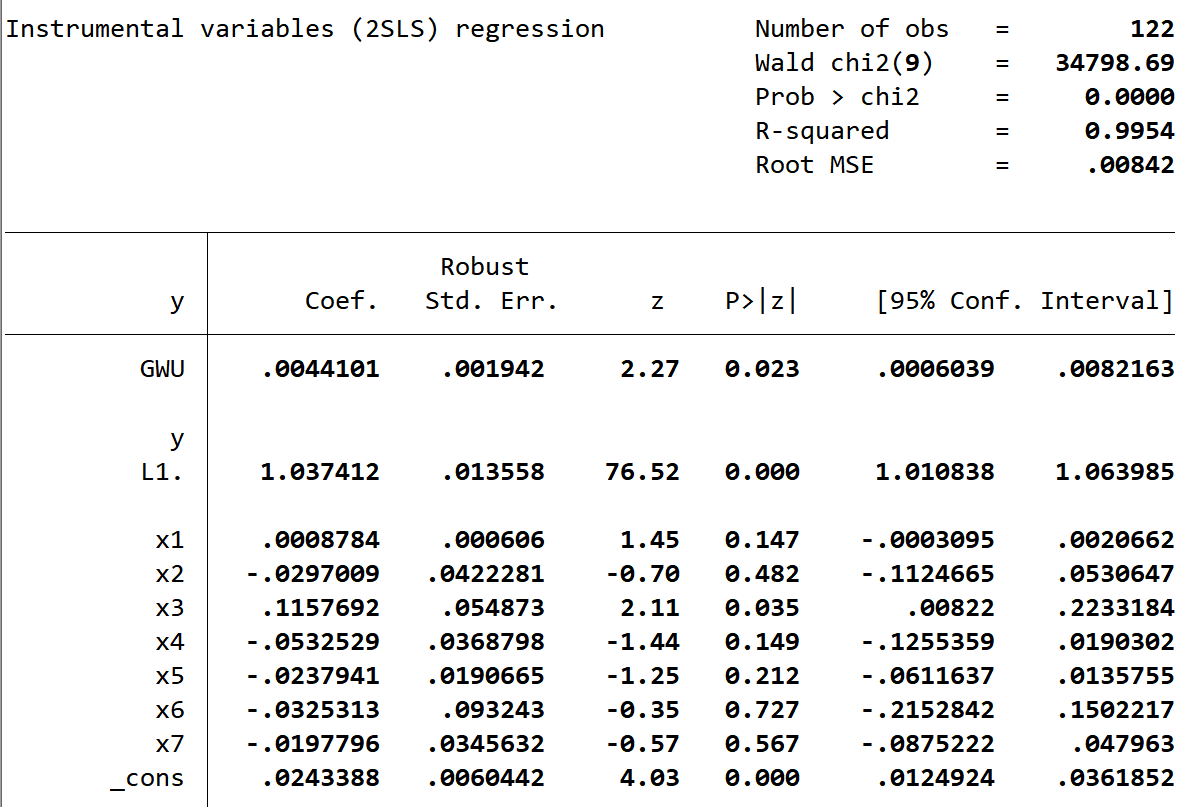
## Column (4)

(4)2010 and 2019



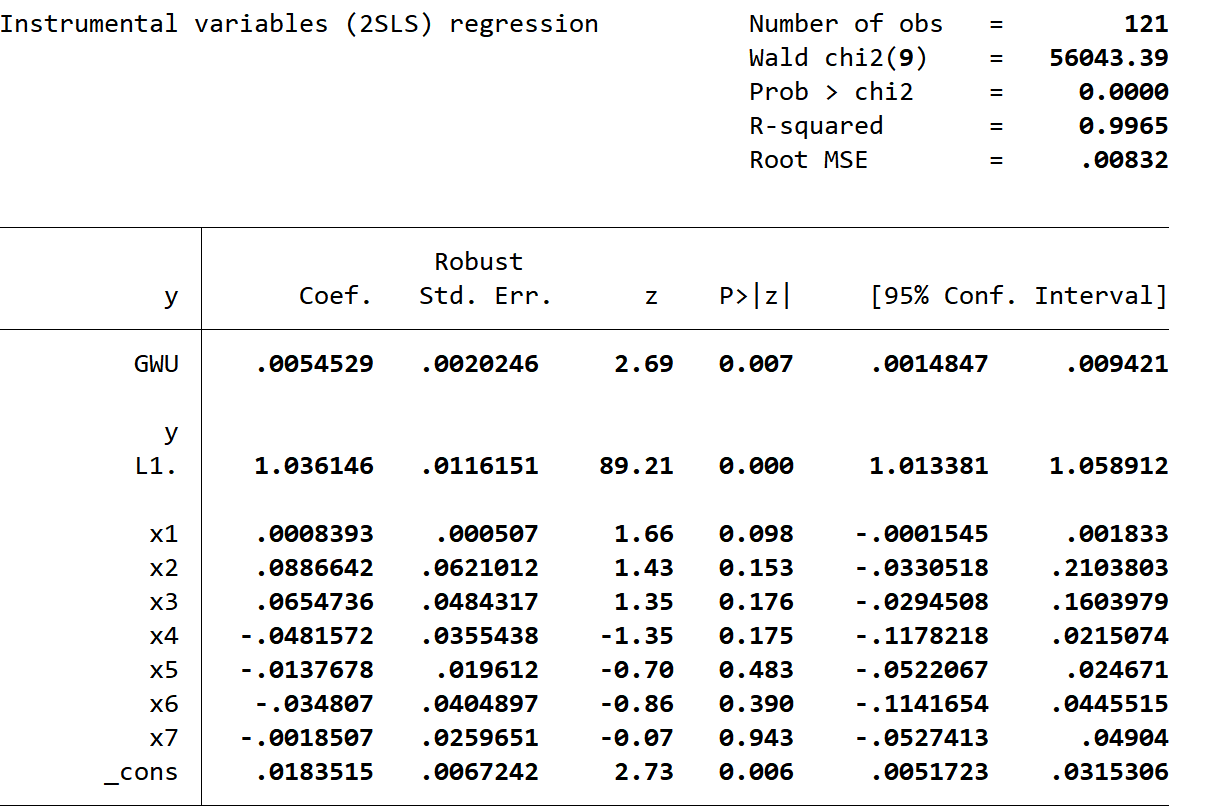
## Column (5)

(5)2011 and 2018



## Column (6)

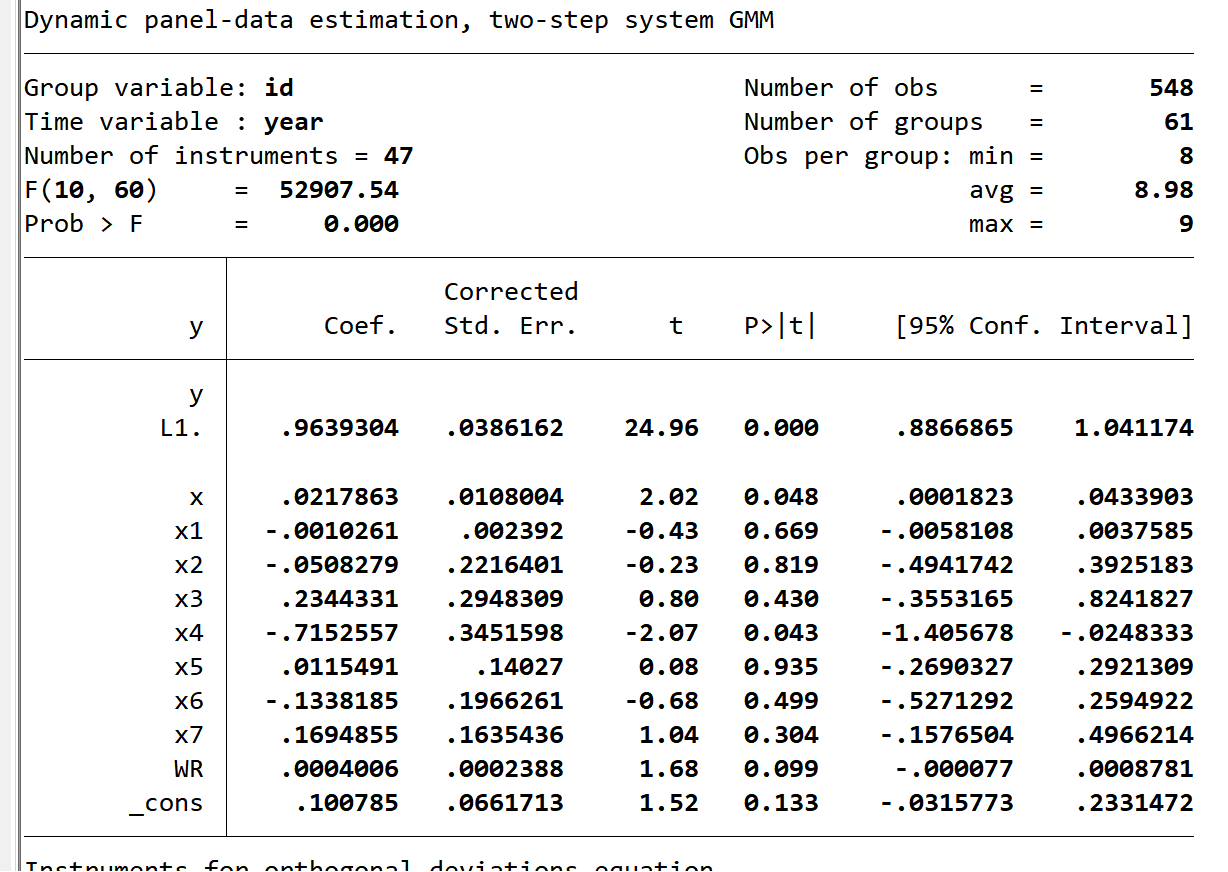
(6)2011 and 2019



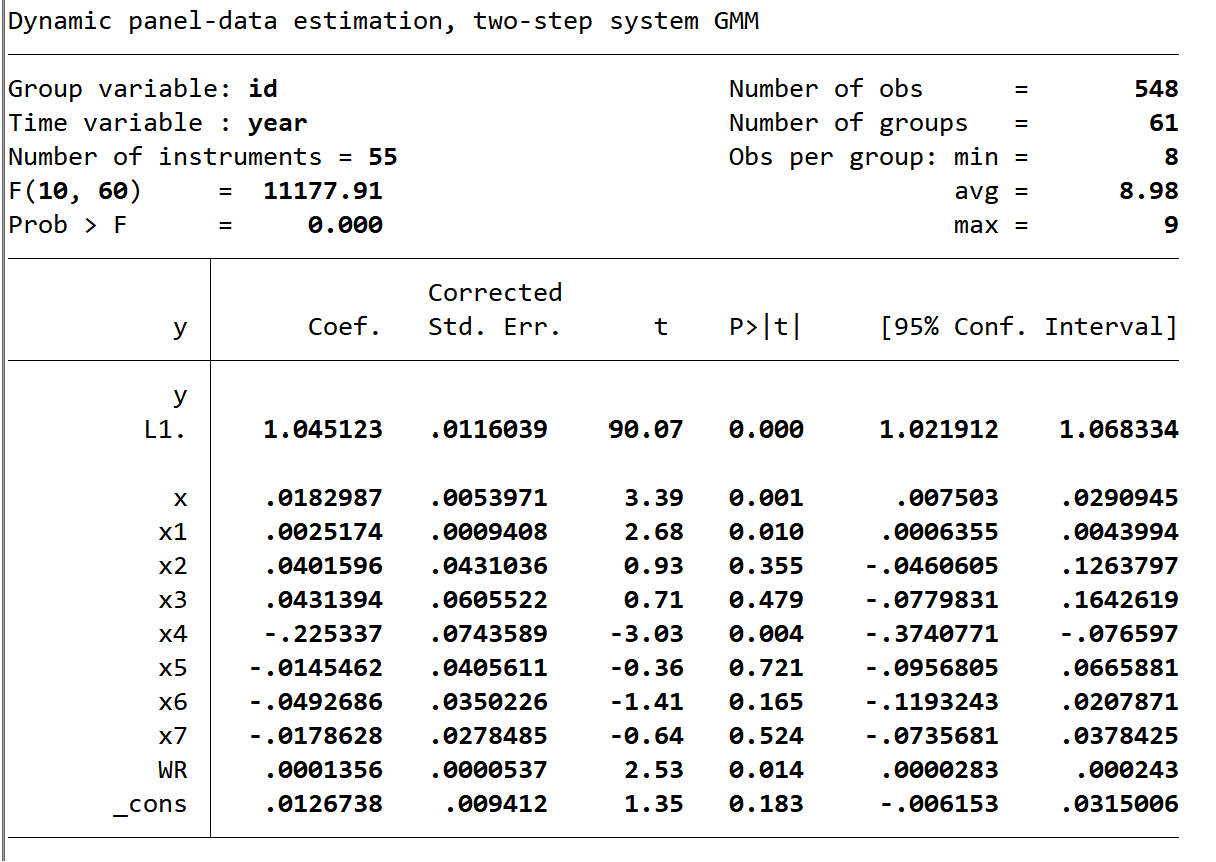
# Table A.4.

## Table A.4.A

### output



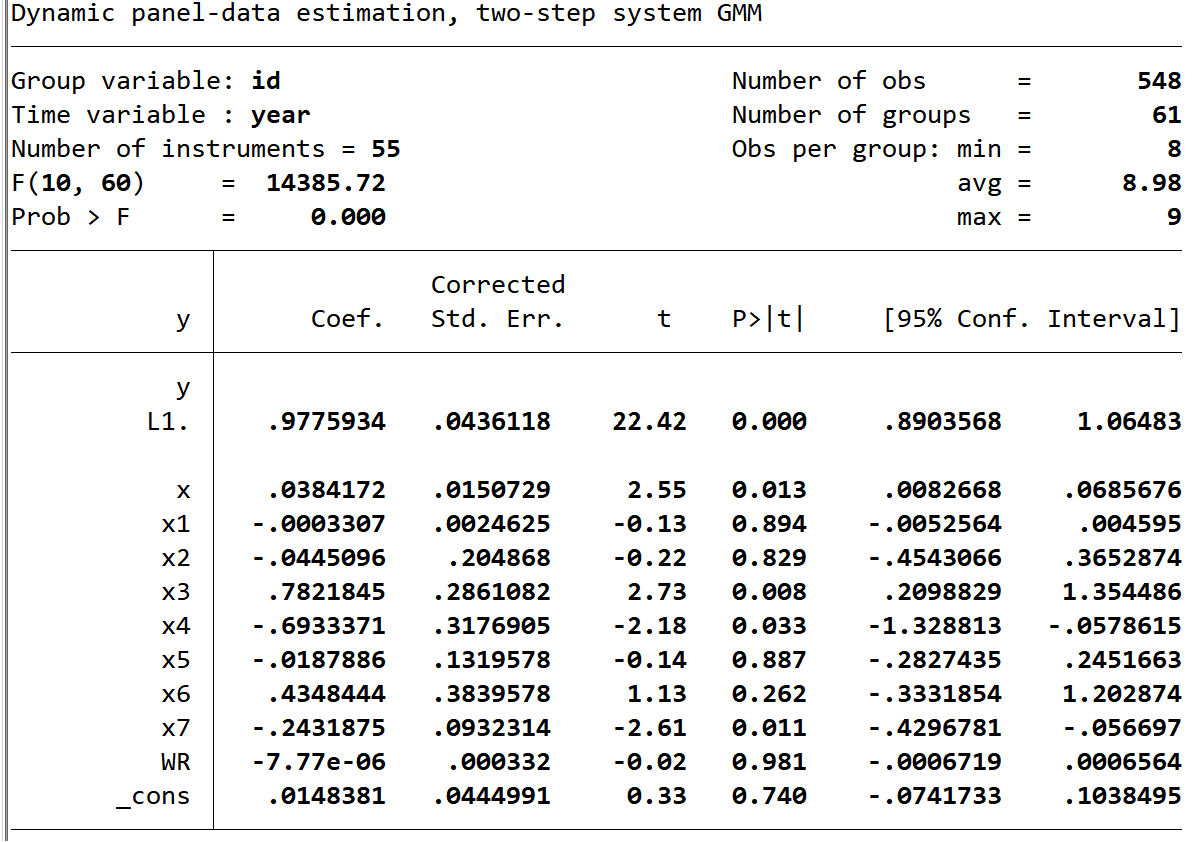
### TFP



### input

#### /\*Machinery\*/

#### /\*Fertilizer\*/

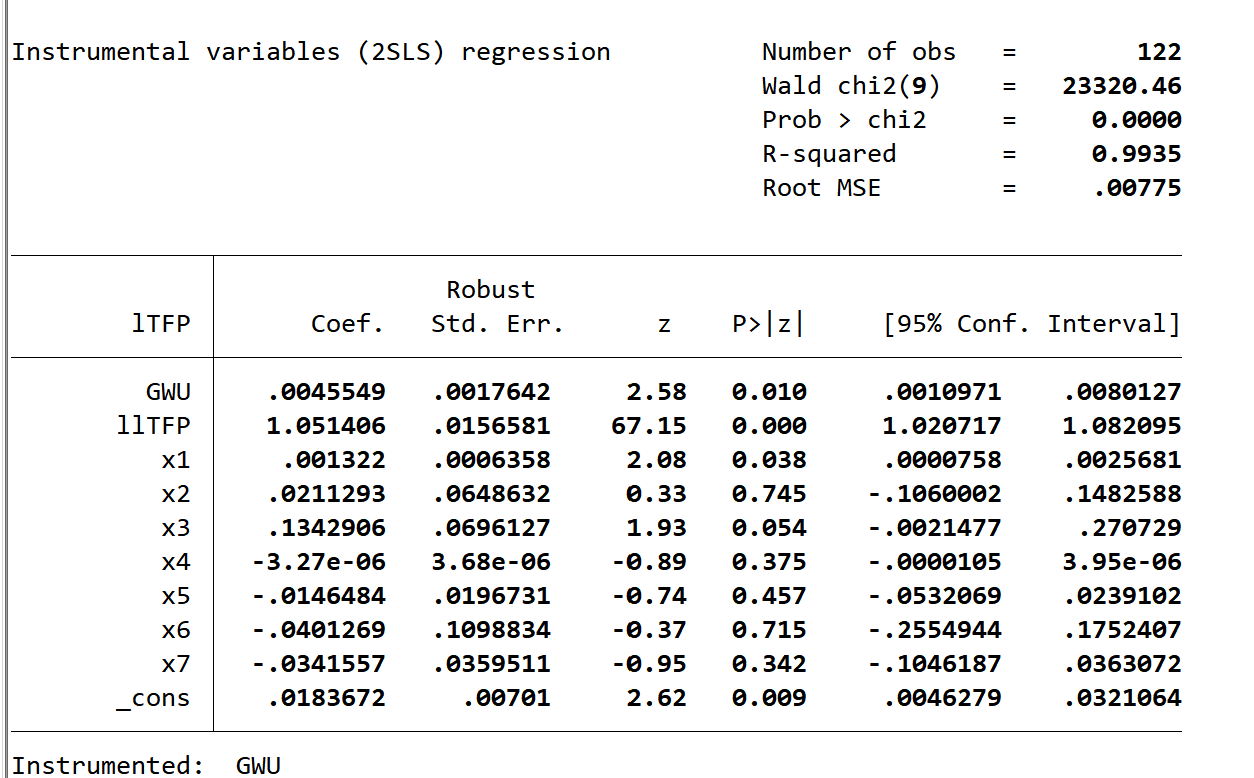


#### /\*AgriWater\*/

## Table A.4.B.

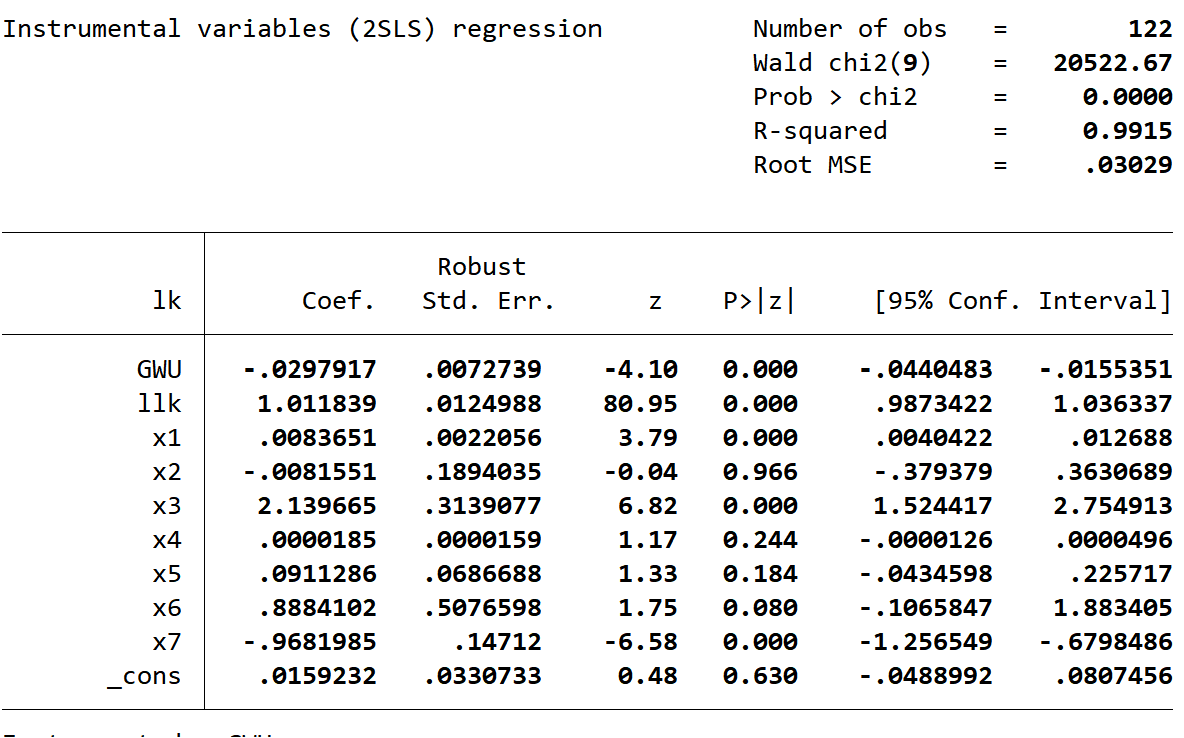
### output

### TFP

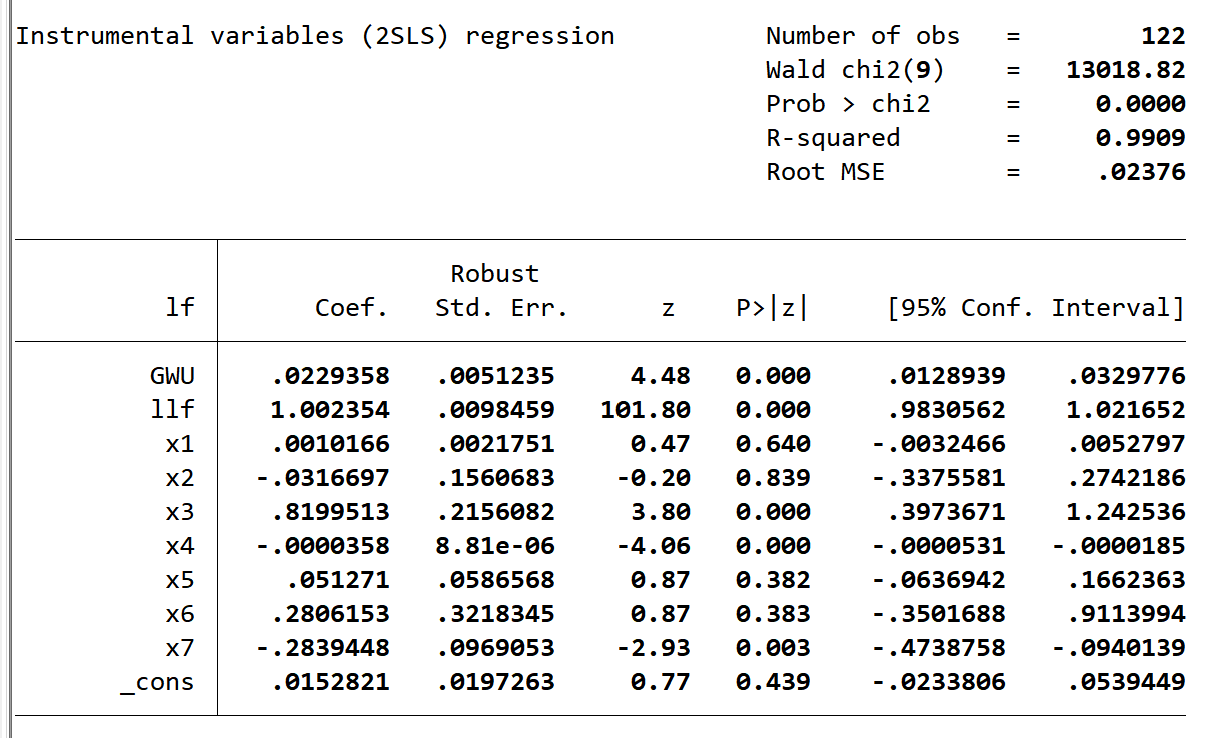


### input

#### /\*Machinery\*/



#### /\*Fertilizer\*/



#### /\*AgriWater\*/