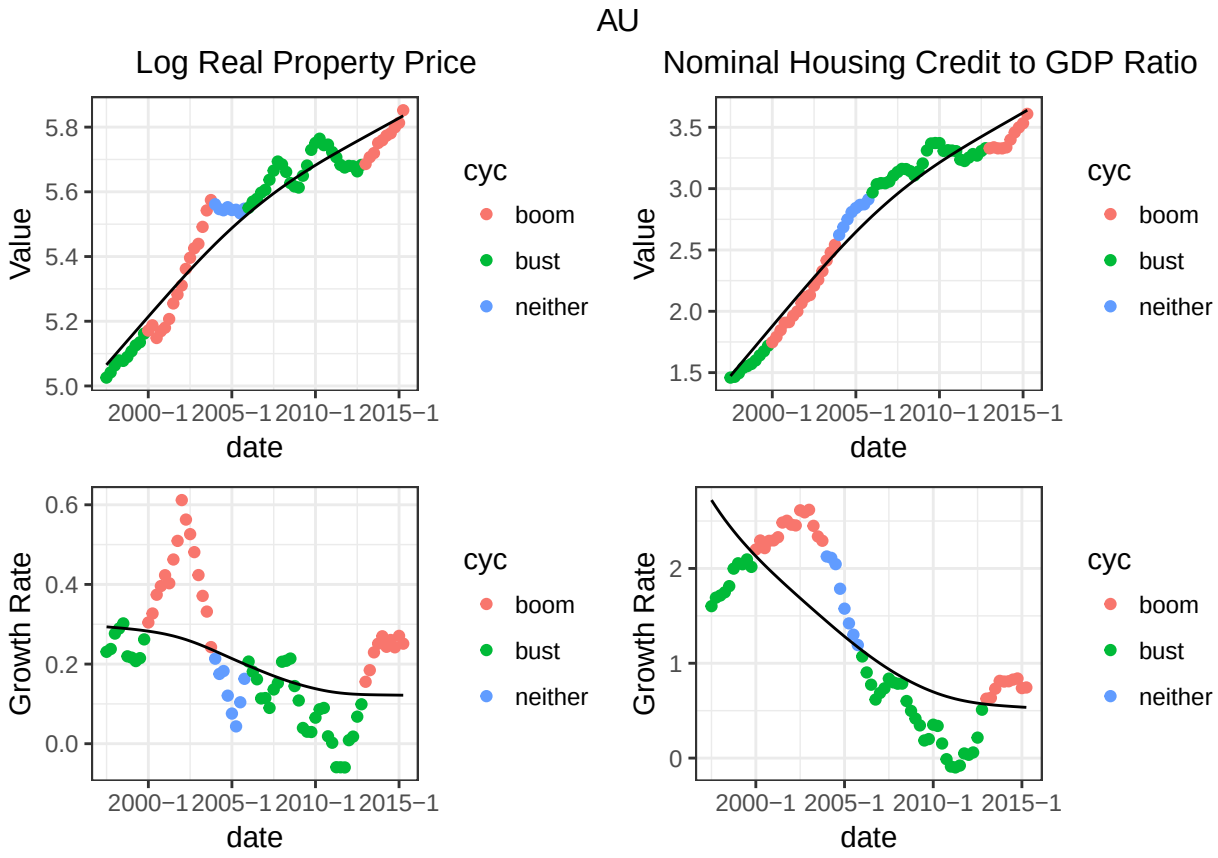
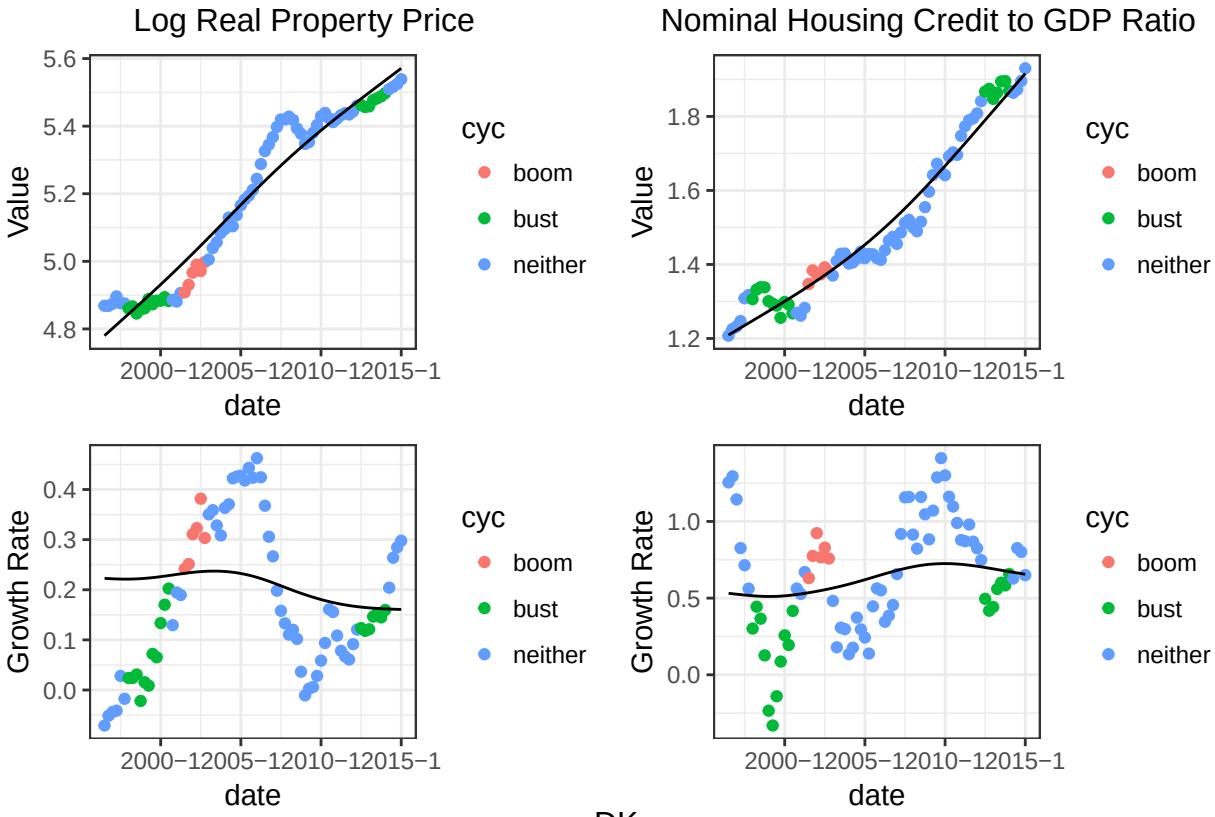
# BCDating with Property Price and Credit to GDP Ratio

*Haoyu Sheng*

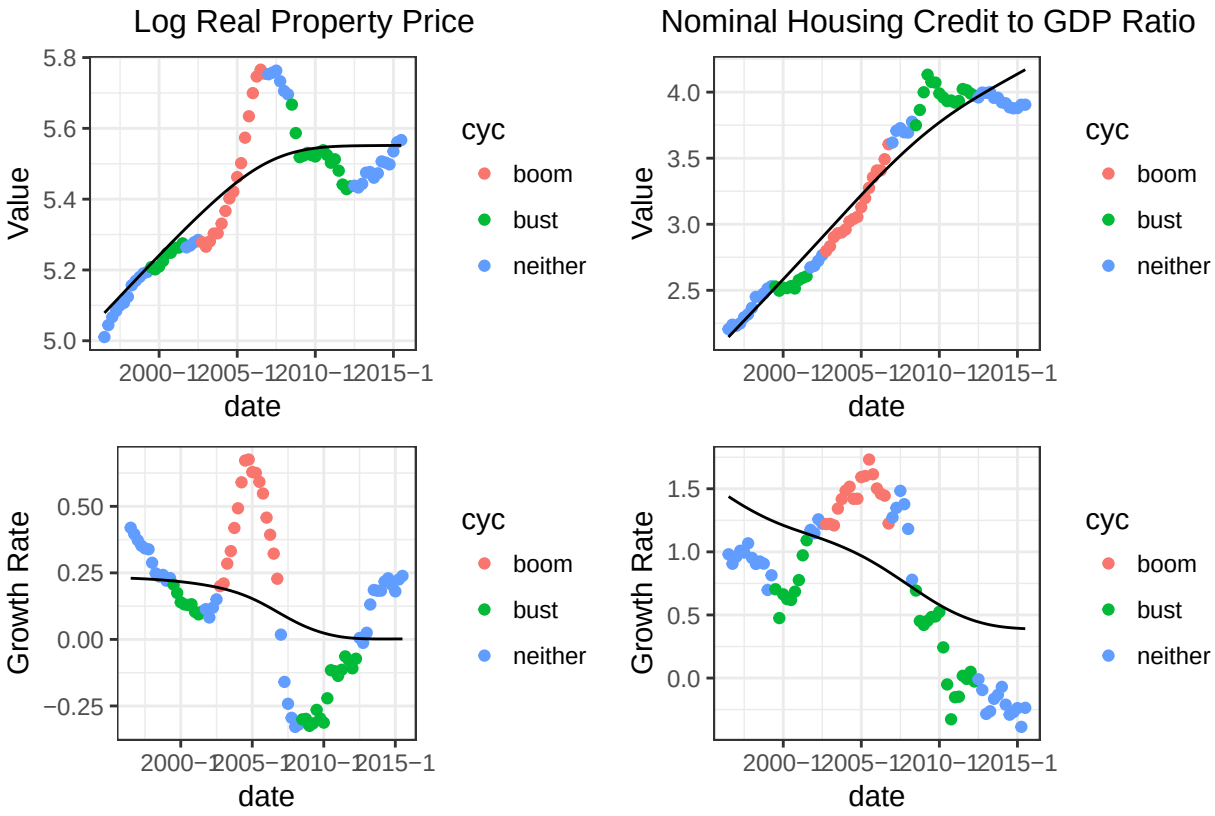
*8/15/2019*



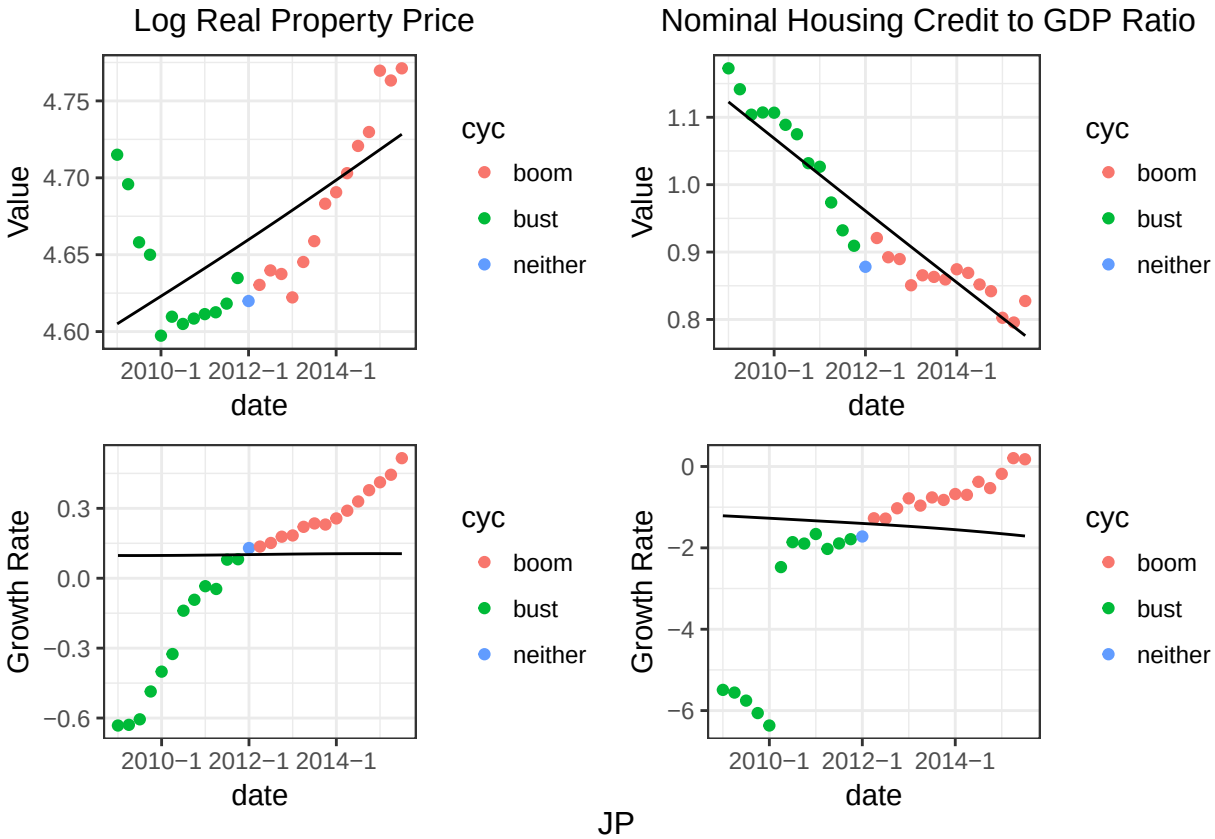
CA


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

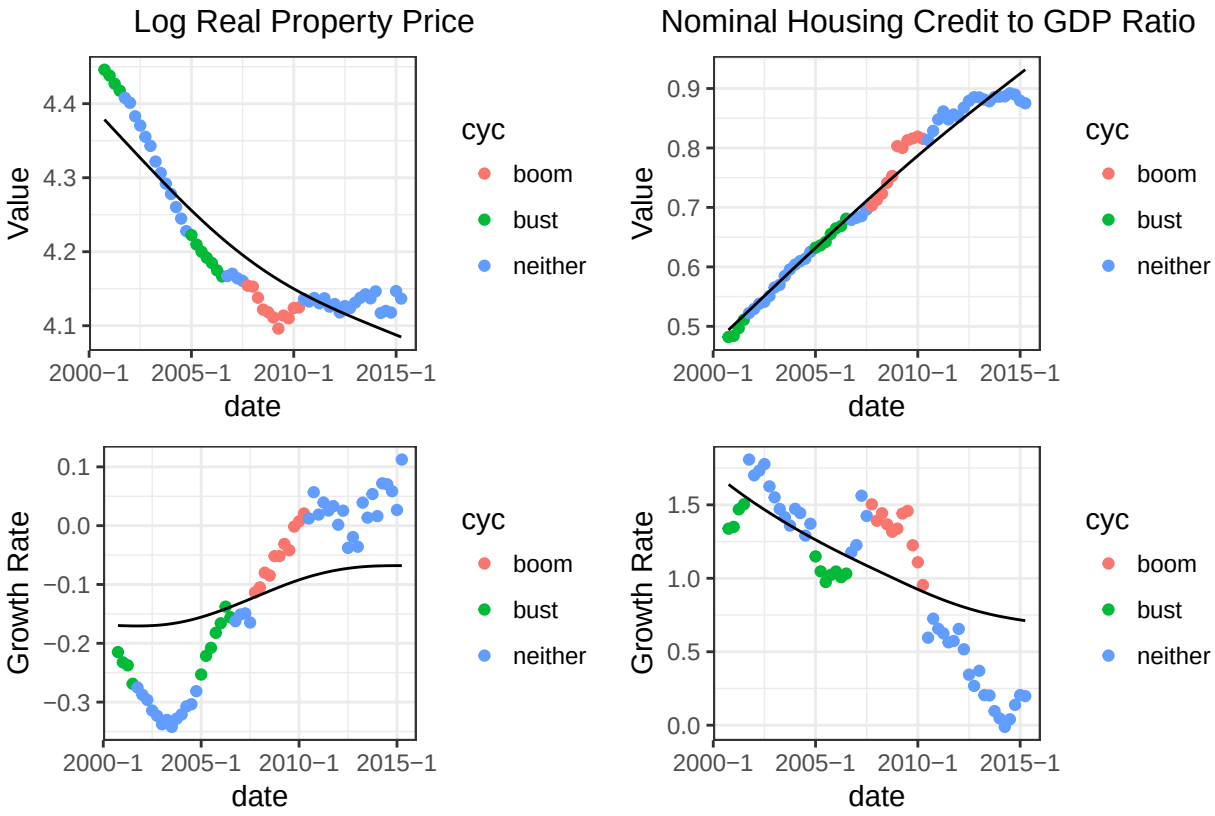
DK


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

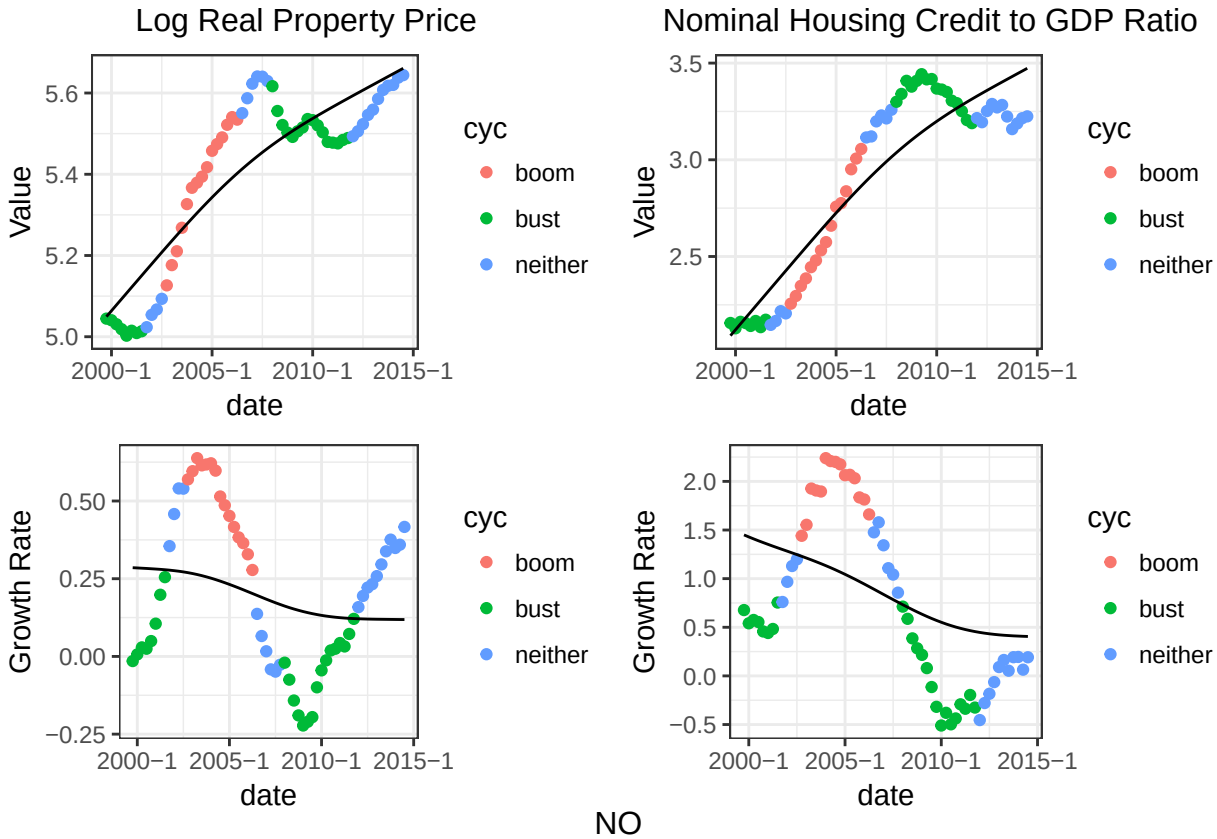
IS


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
2010−1
2012−1
2014−1

JP


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
2000−1
2005−1
2010−1
2015−1

NZ


Log Real Property Price
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Growth Rate
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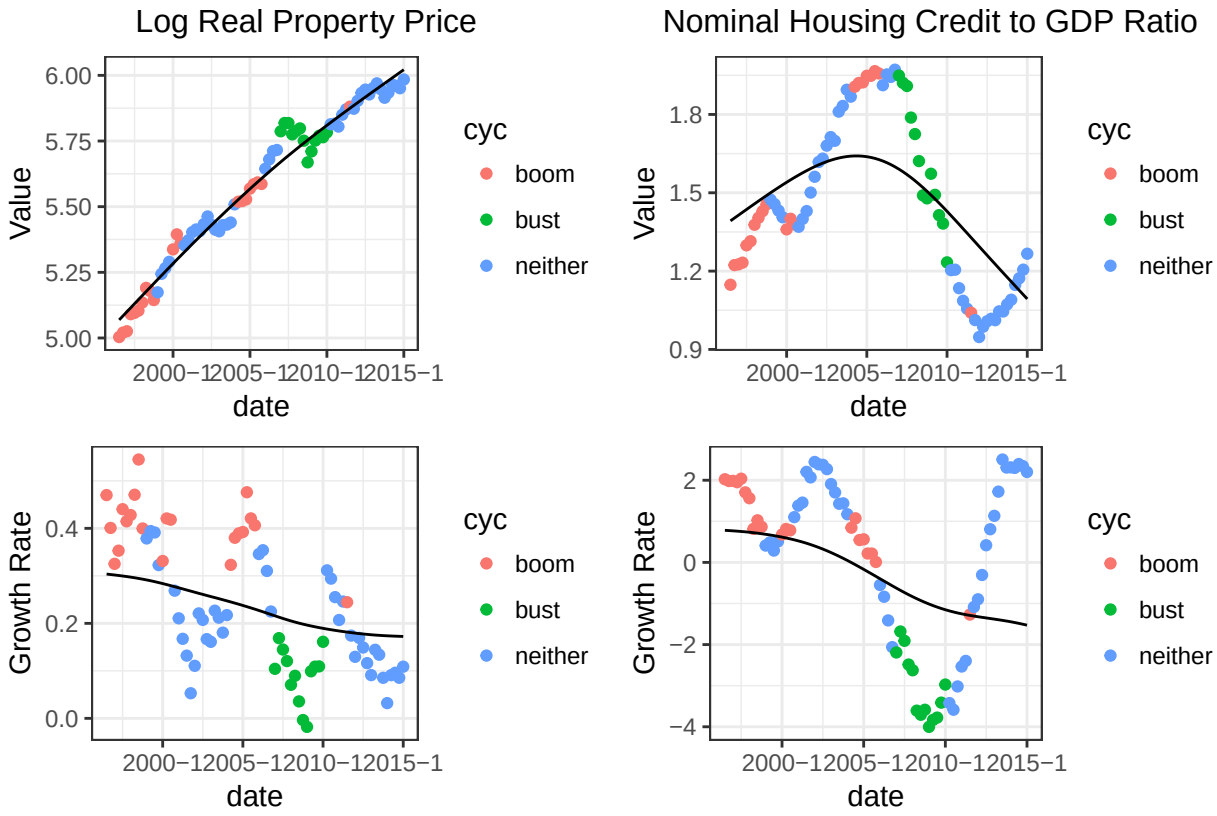
cyc
boom
bust
neither
2000−1
2005−1
2010−1
2015−1

NO


Log Real Property Price
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Value
Growth Rate
date
cyc
boom
bust
neither
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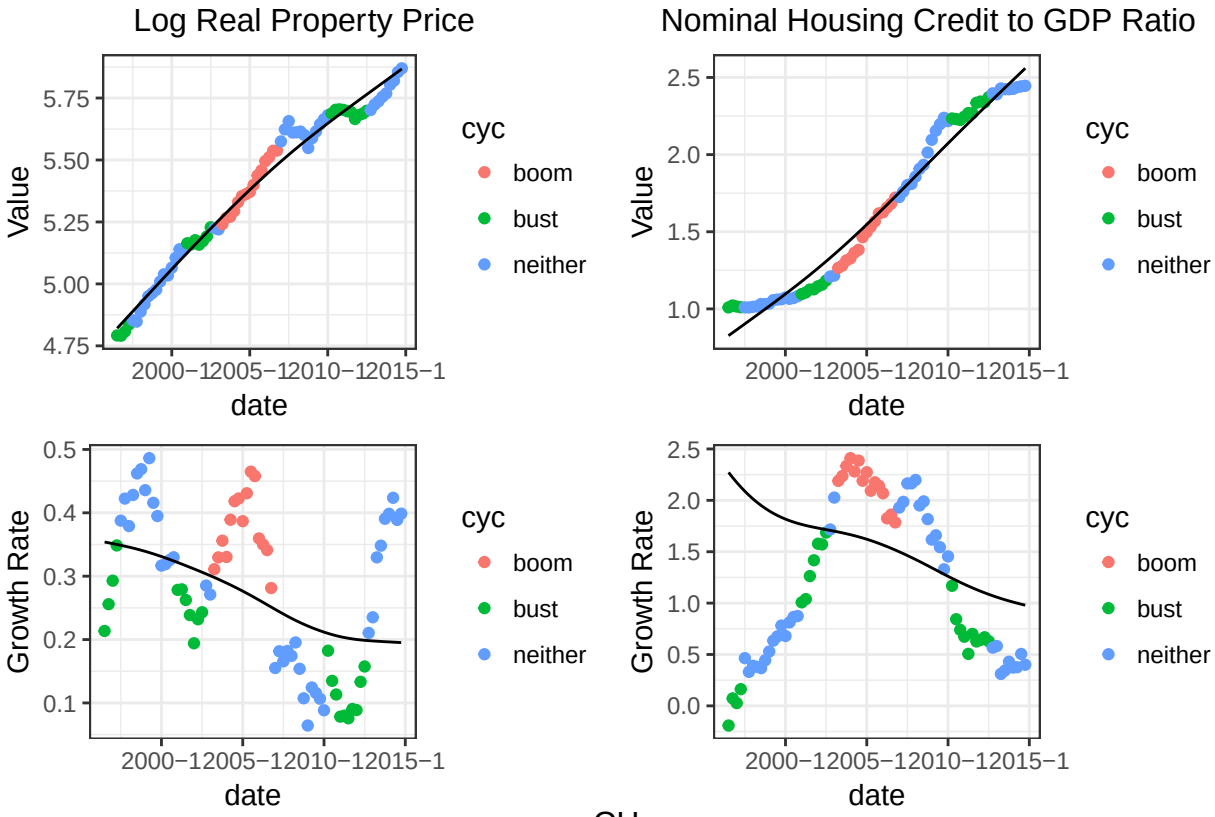
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
2000−1
2005−1
2010−1
2015−1
cyc
boom
bust
neither

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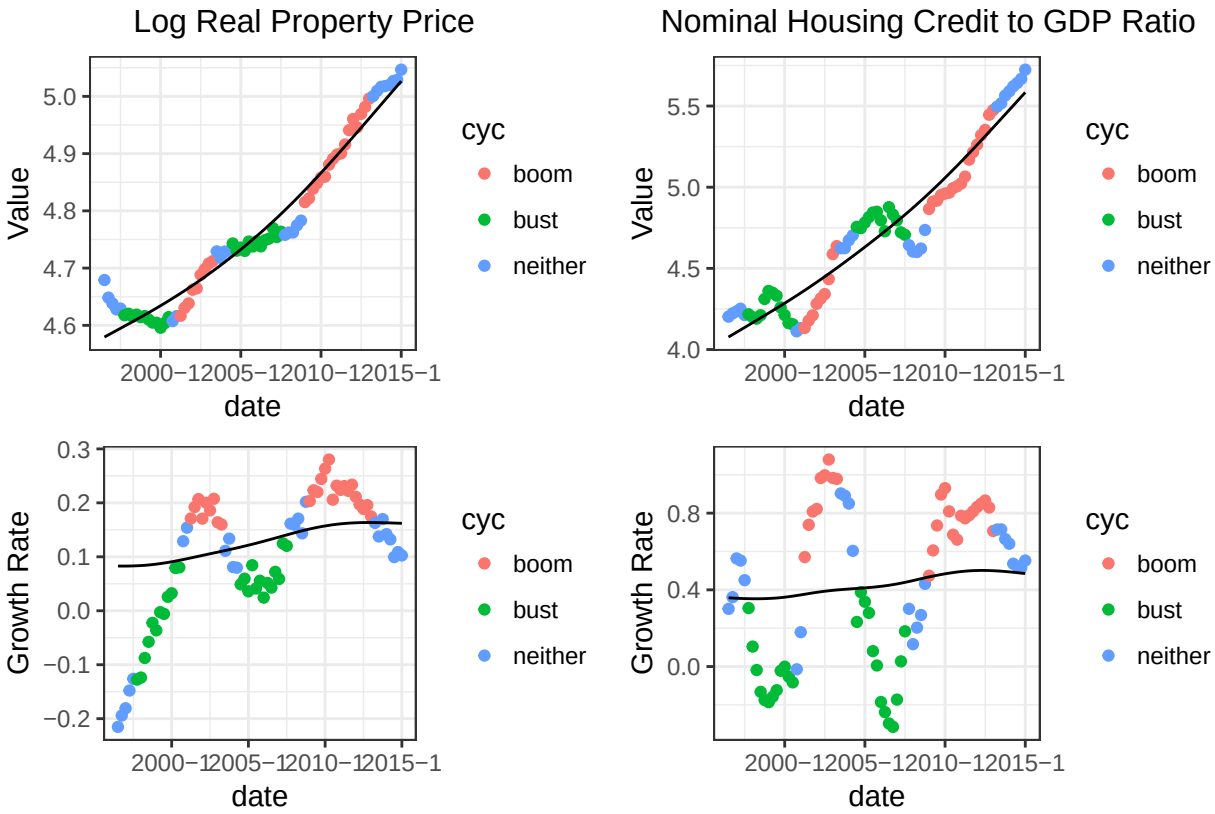
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
2000−1
2005−1
2010−1
2015−1
cyc
boom
bust
neither

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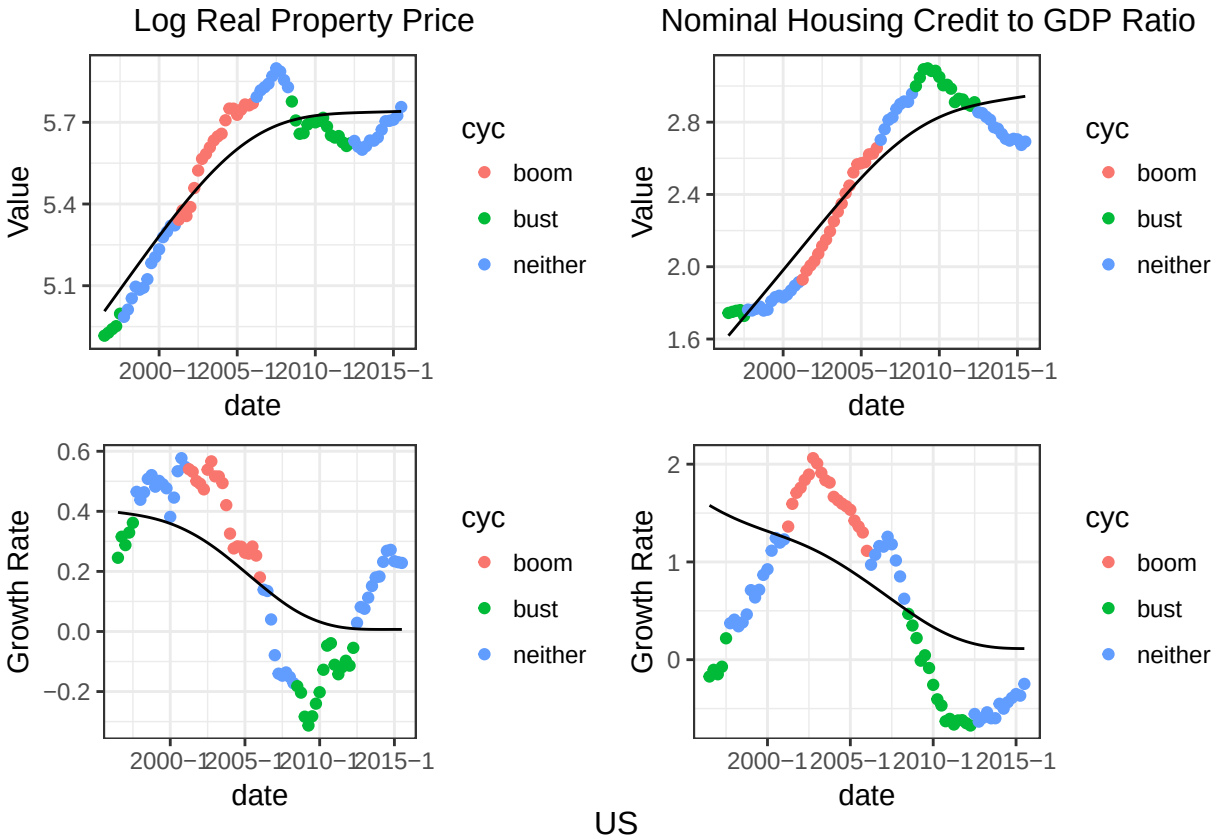
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Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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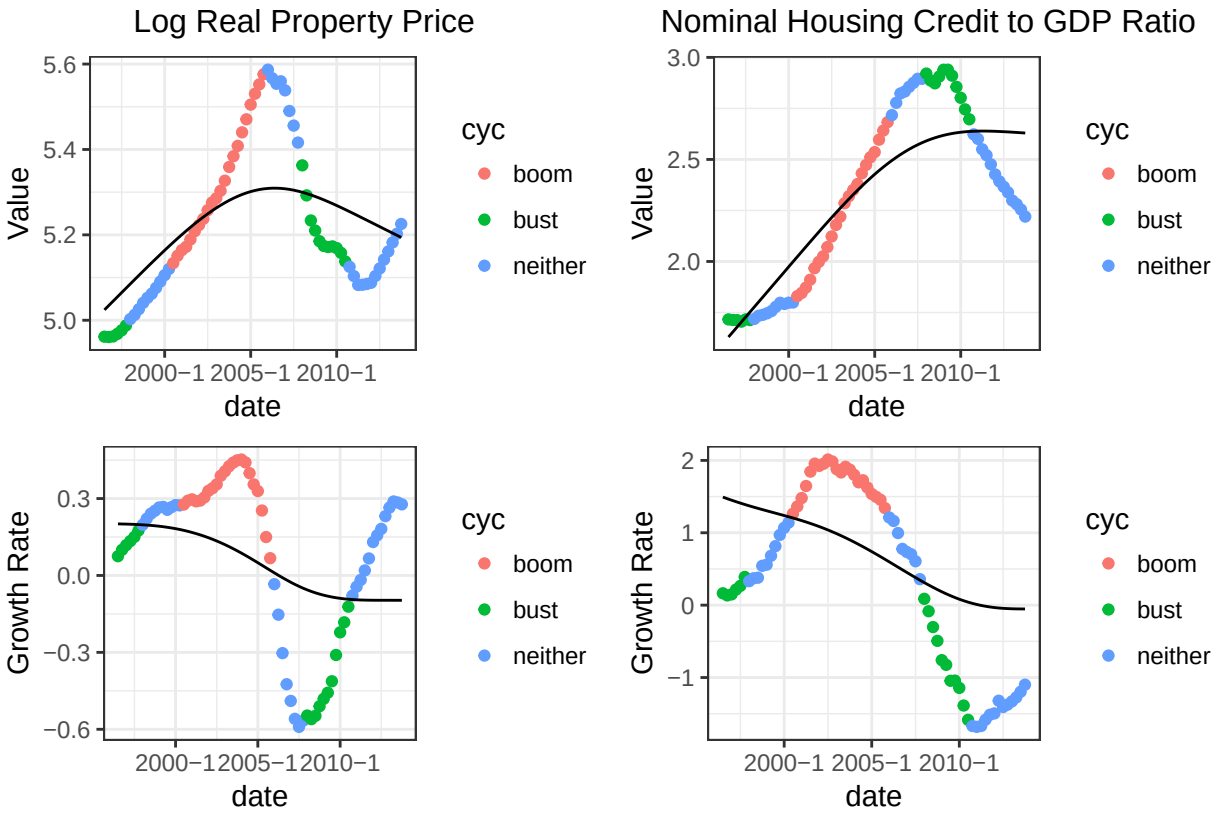
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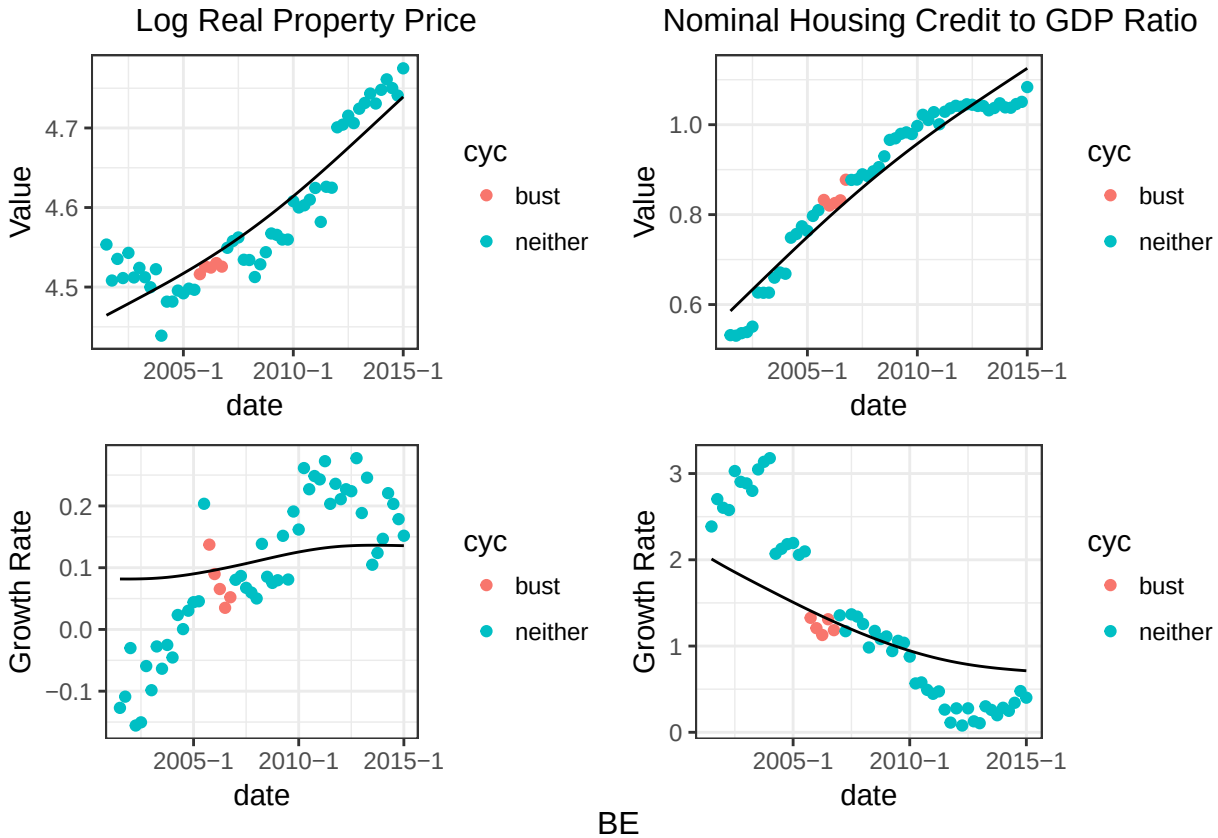
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

AT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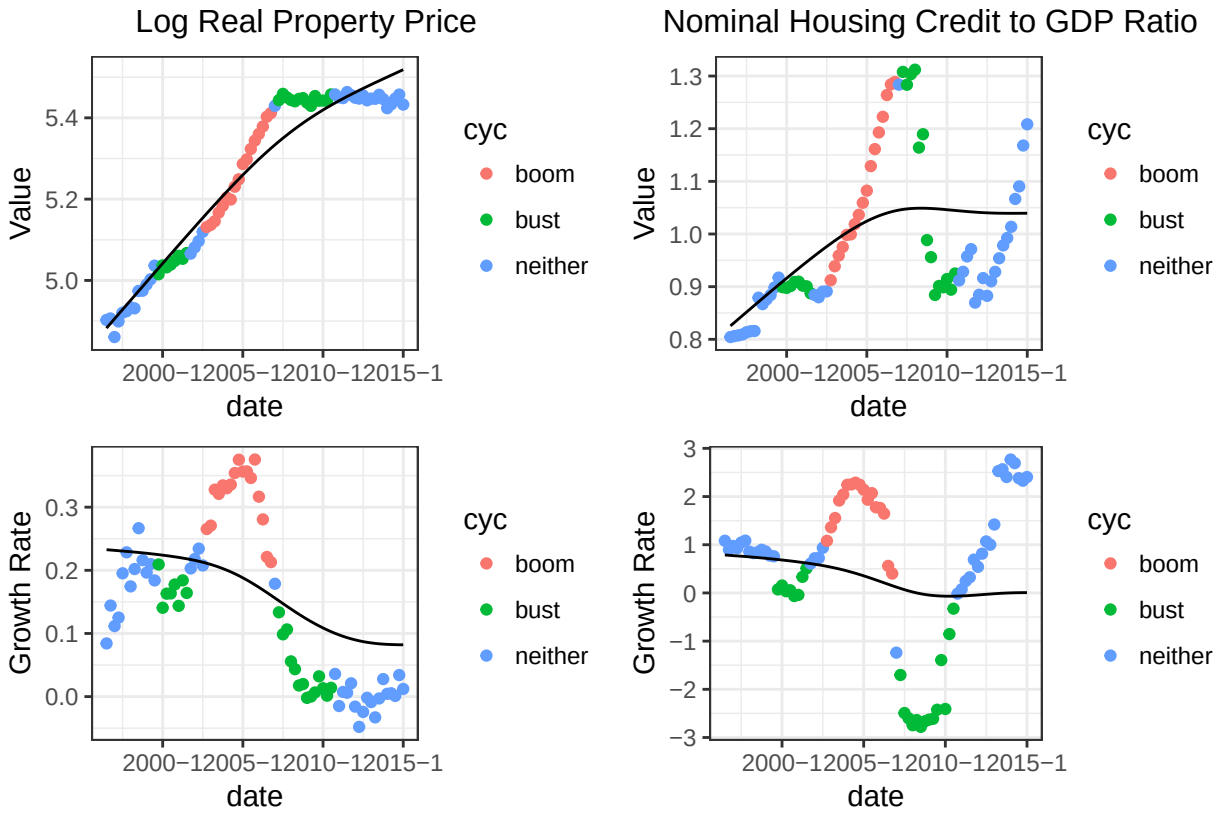
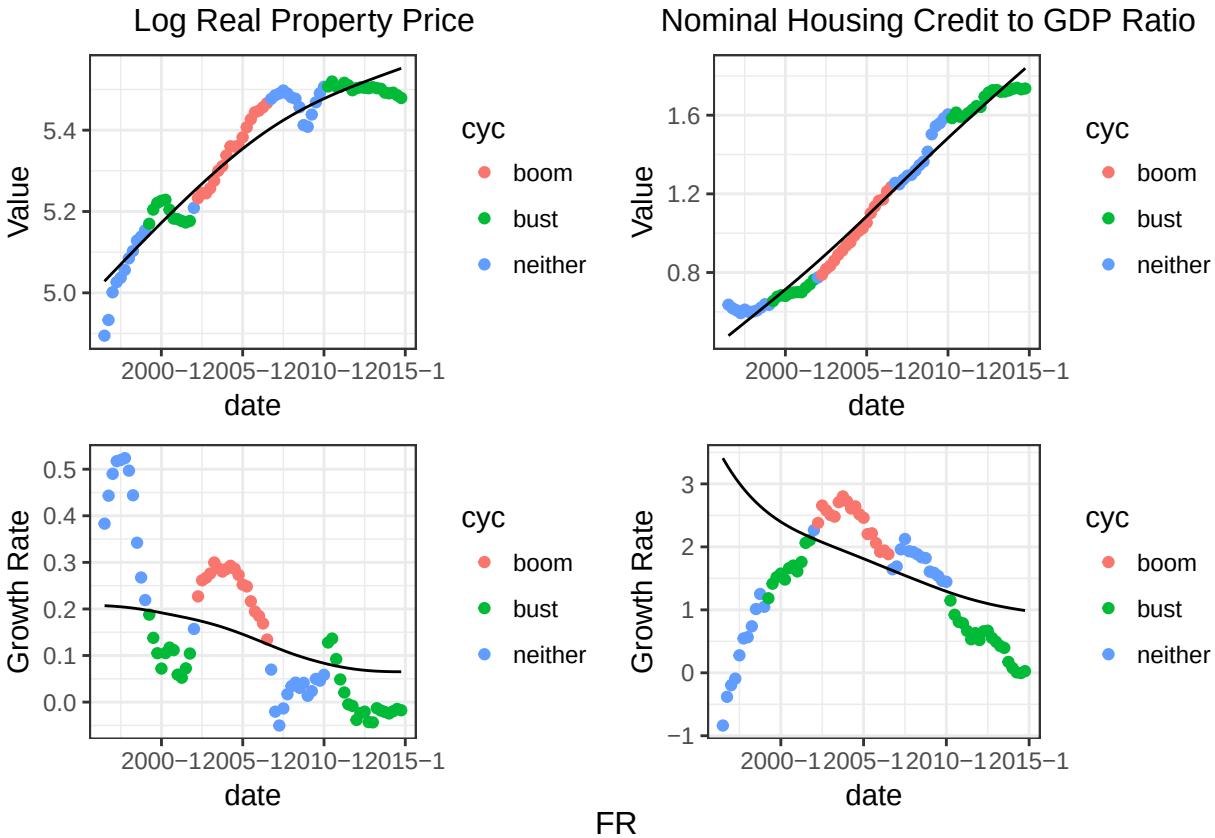
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
2005−1
2010−1
2015−1
cyc
bust
neither

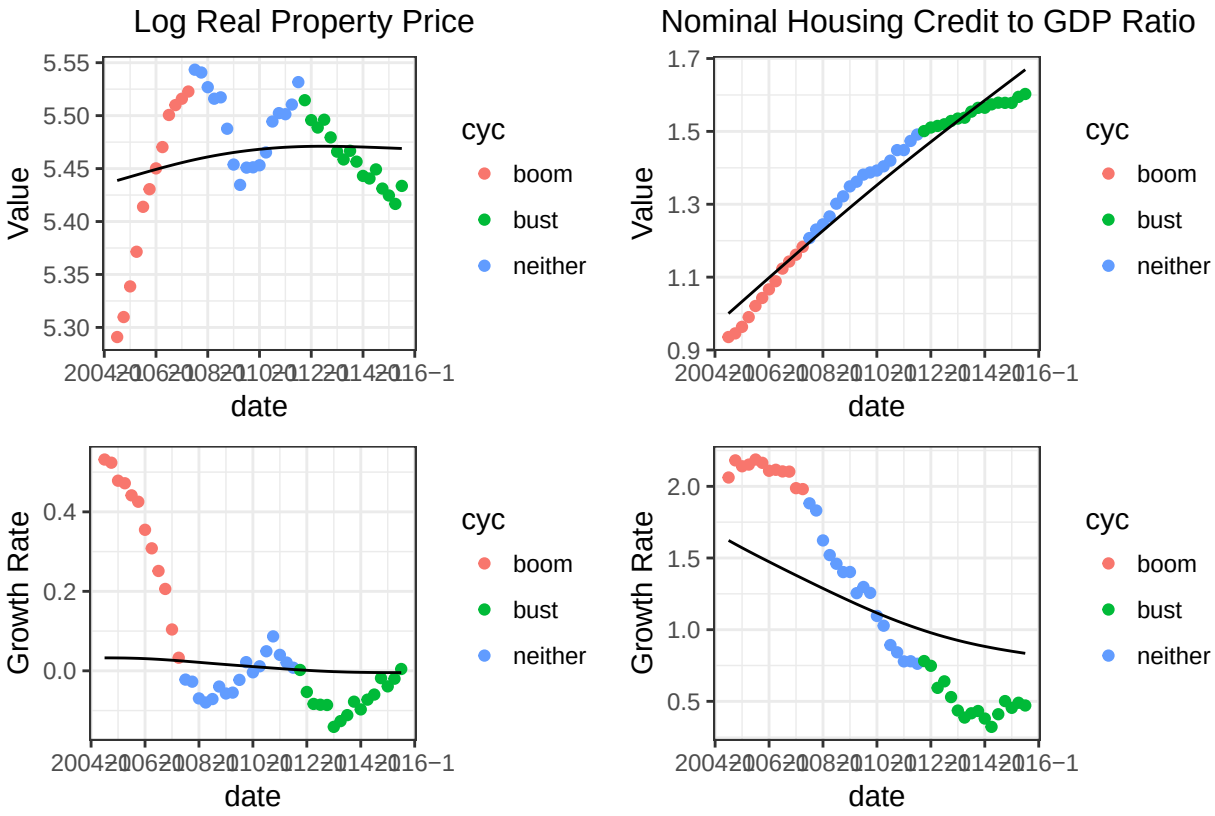
BE


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
2000−1
2005−1
2010−1
2015−1
cyc
boom
bust
neither

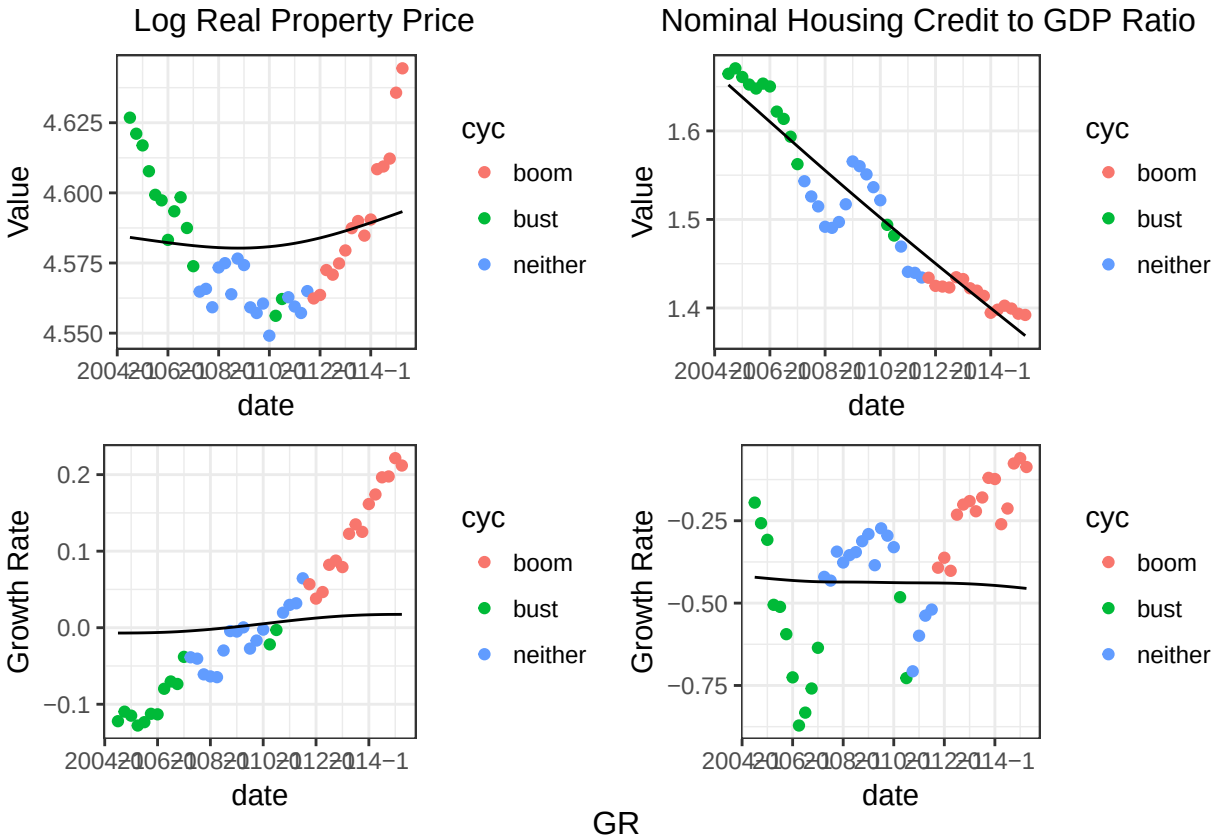
FI


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

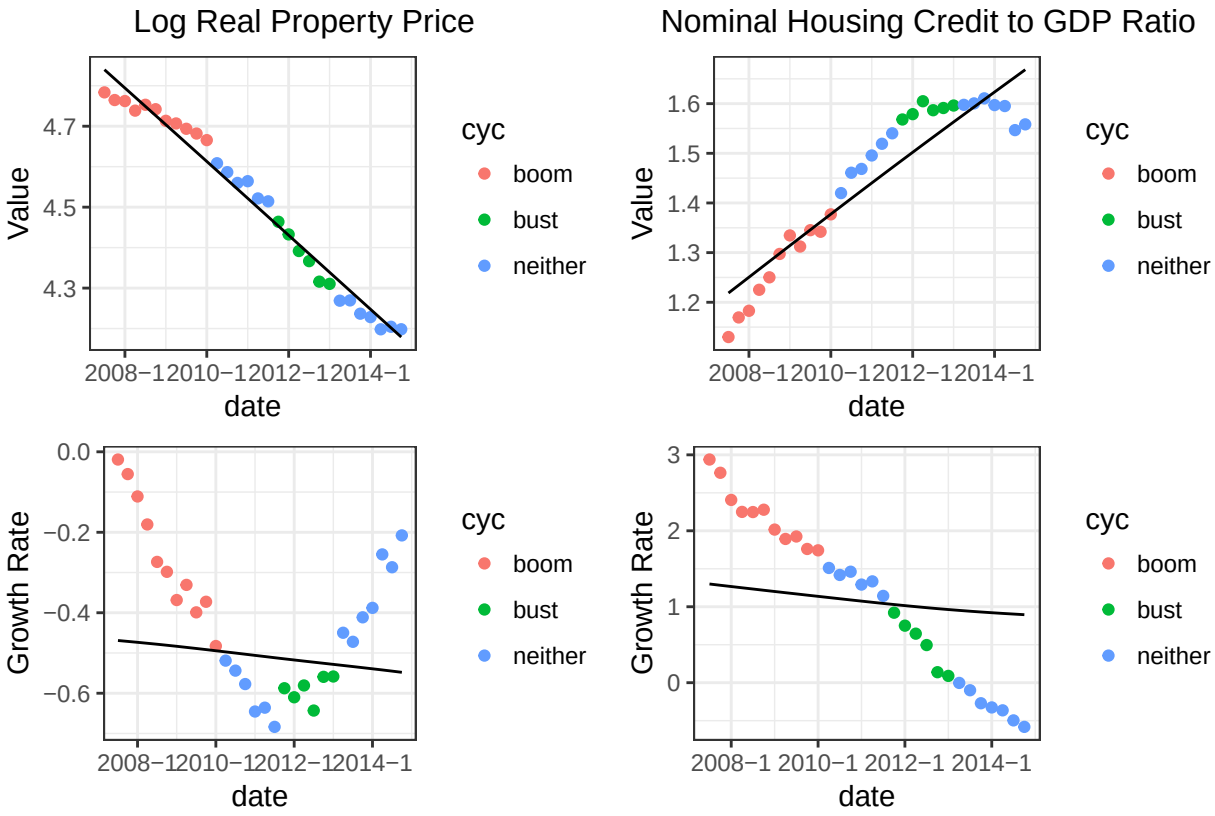
FR


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

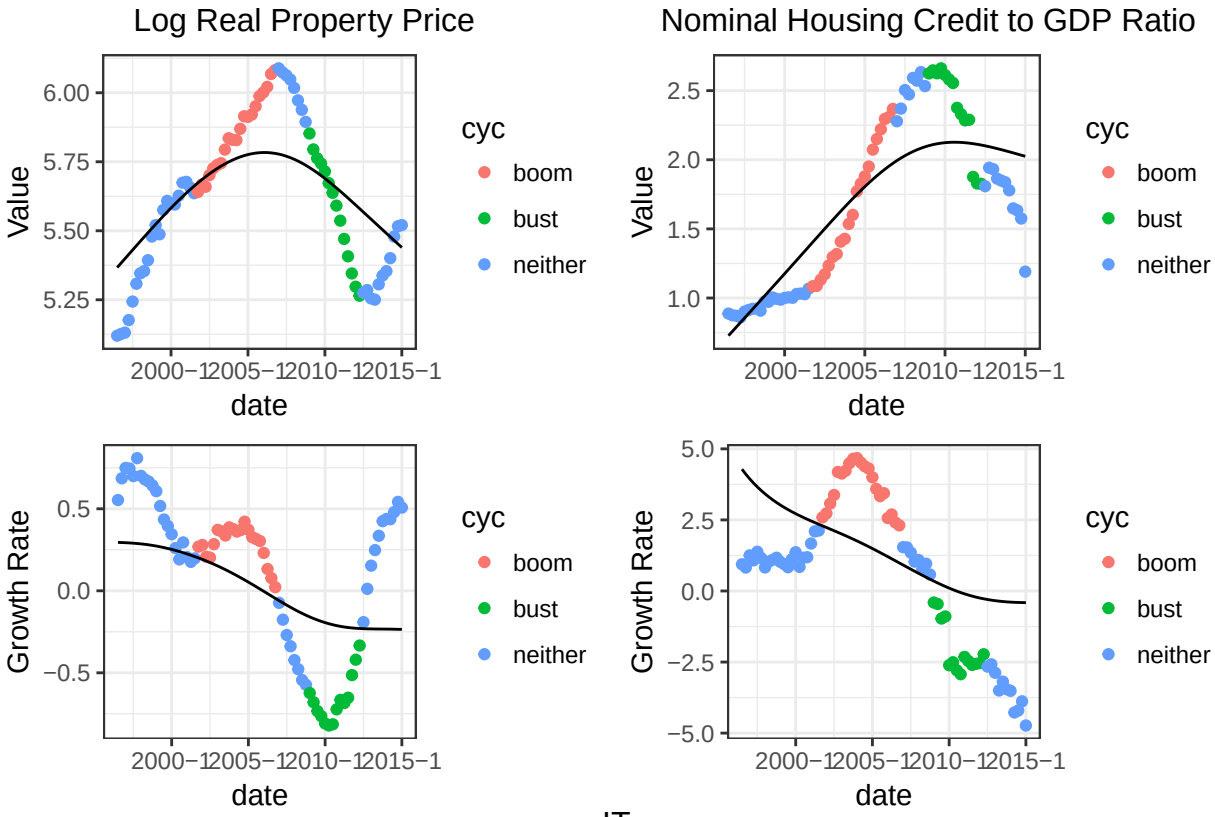
DE


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

GR


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

IE


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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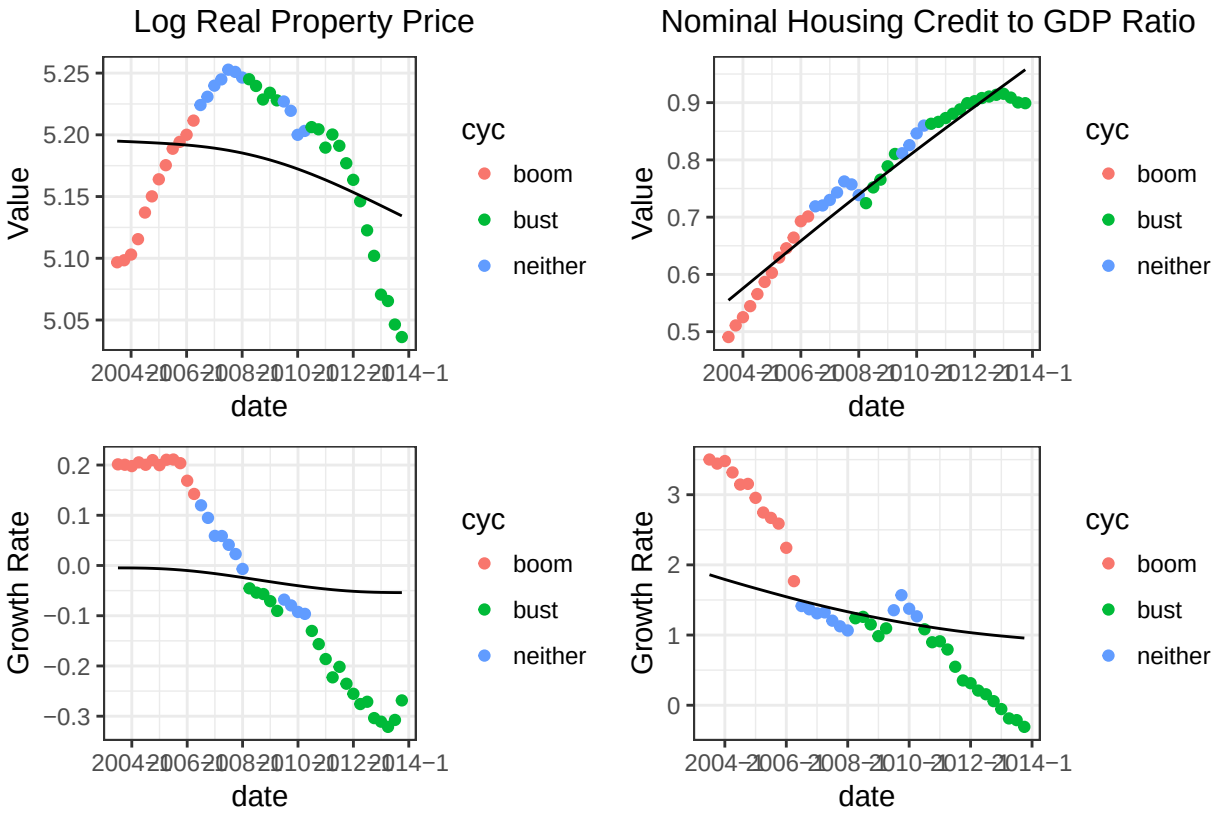
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
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boom
bust
neither

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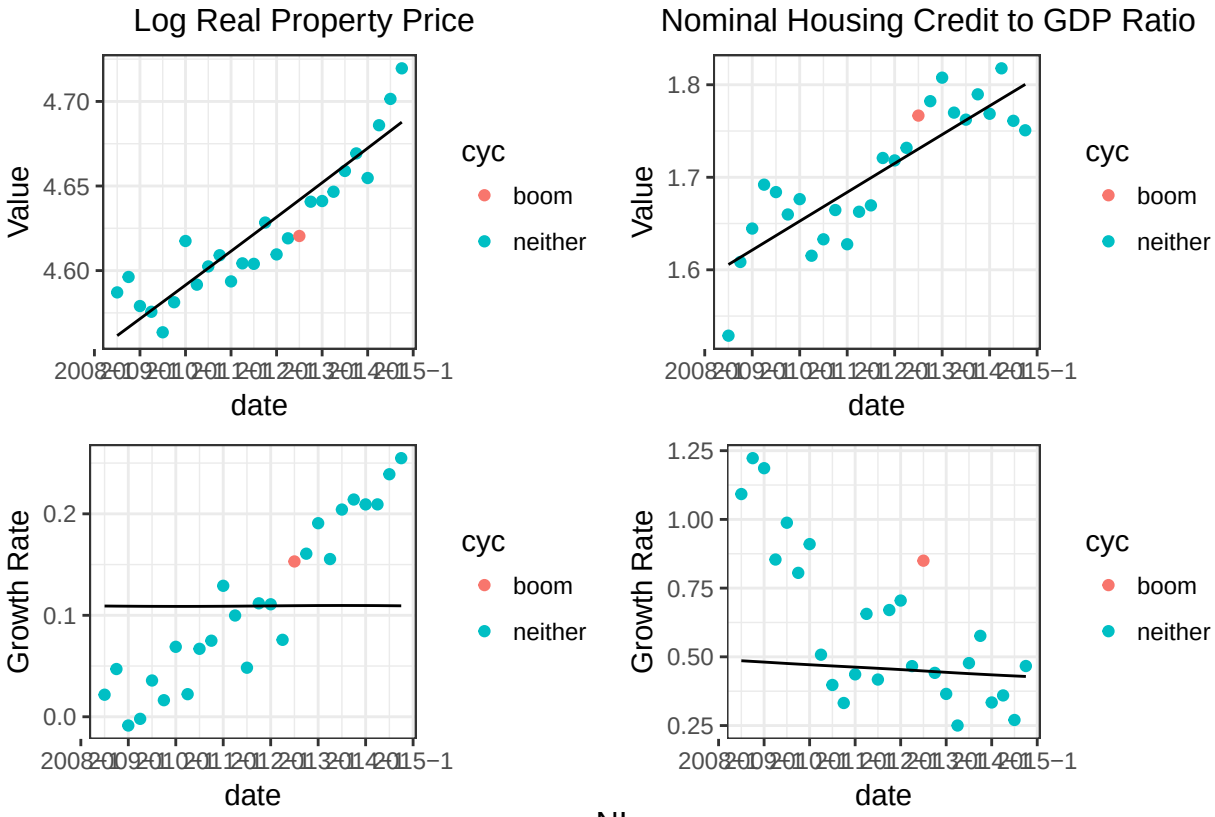
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
neither

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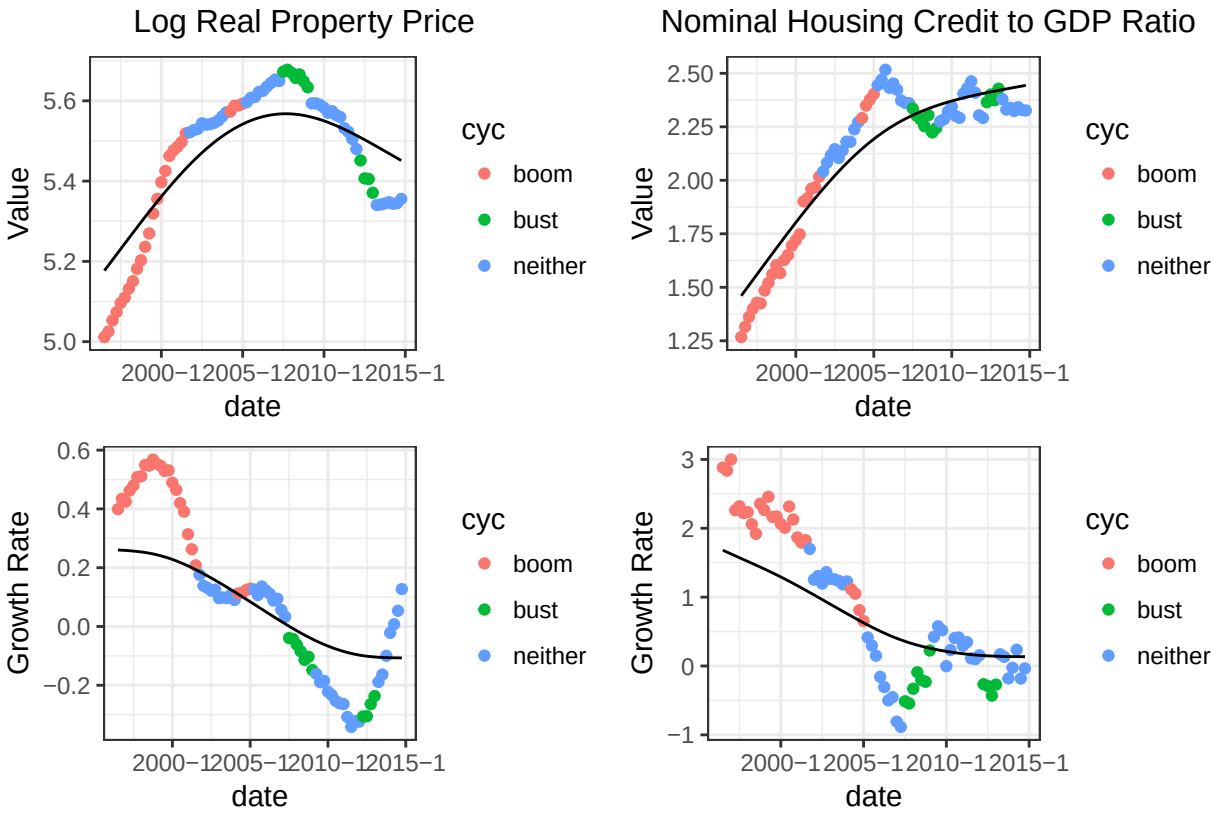
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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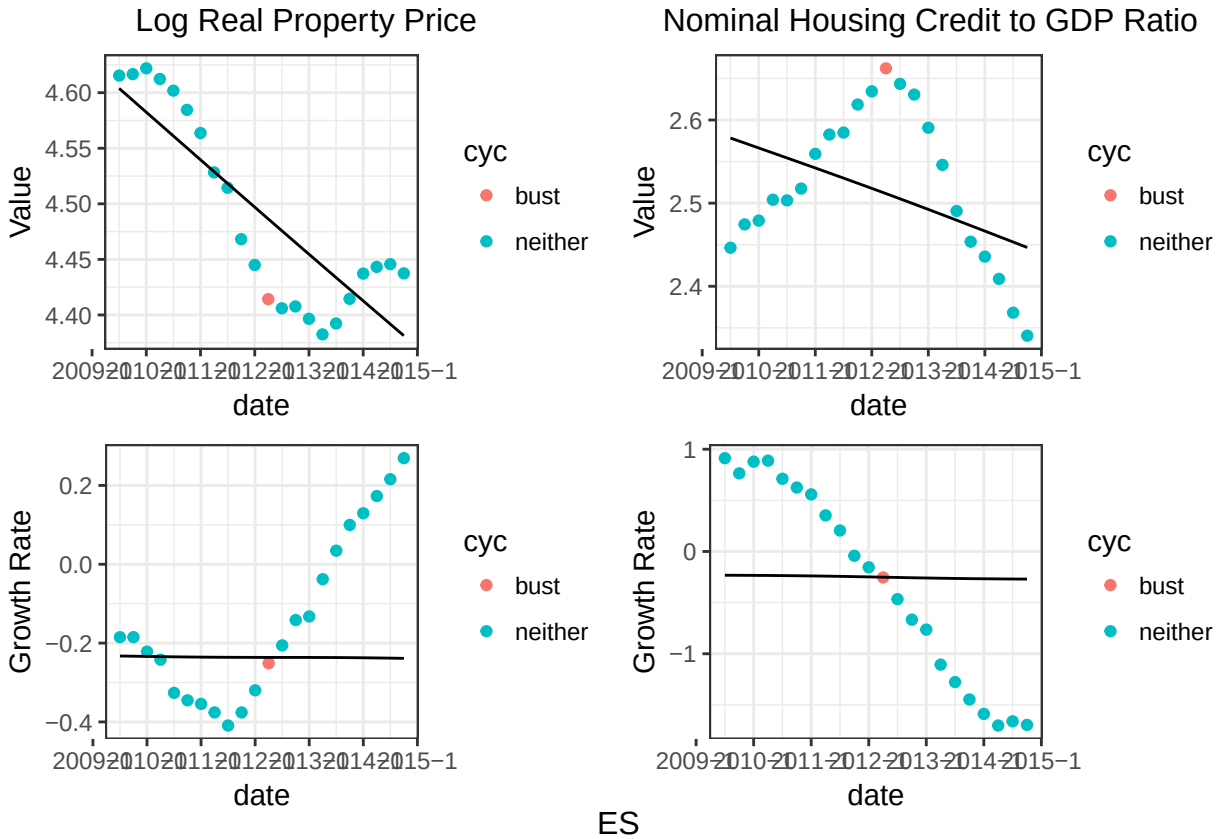
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
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cyc
bust
neither

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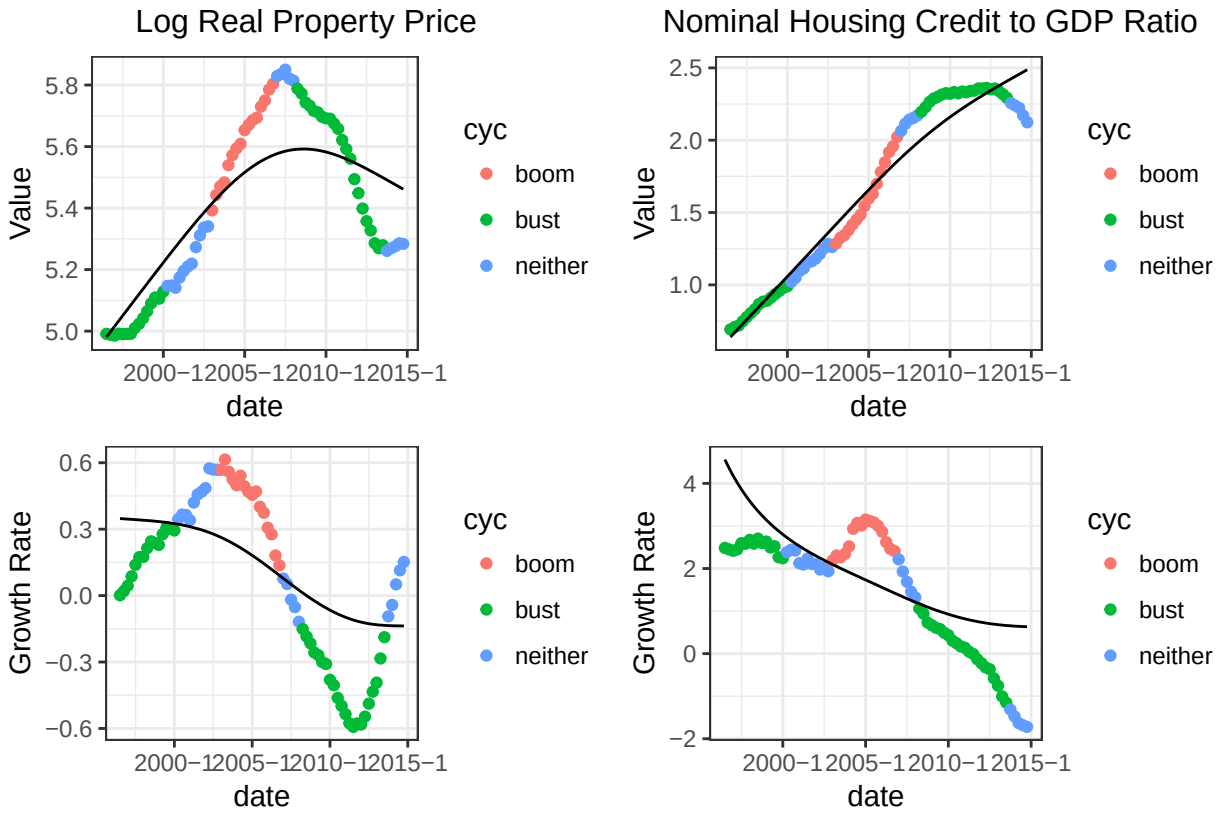
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
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cyc
boom
bust
neither

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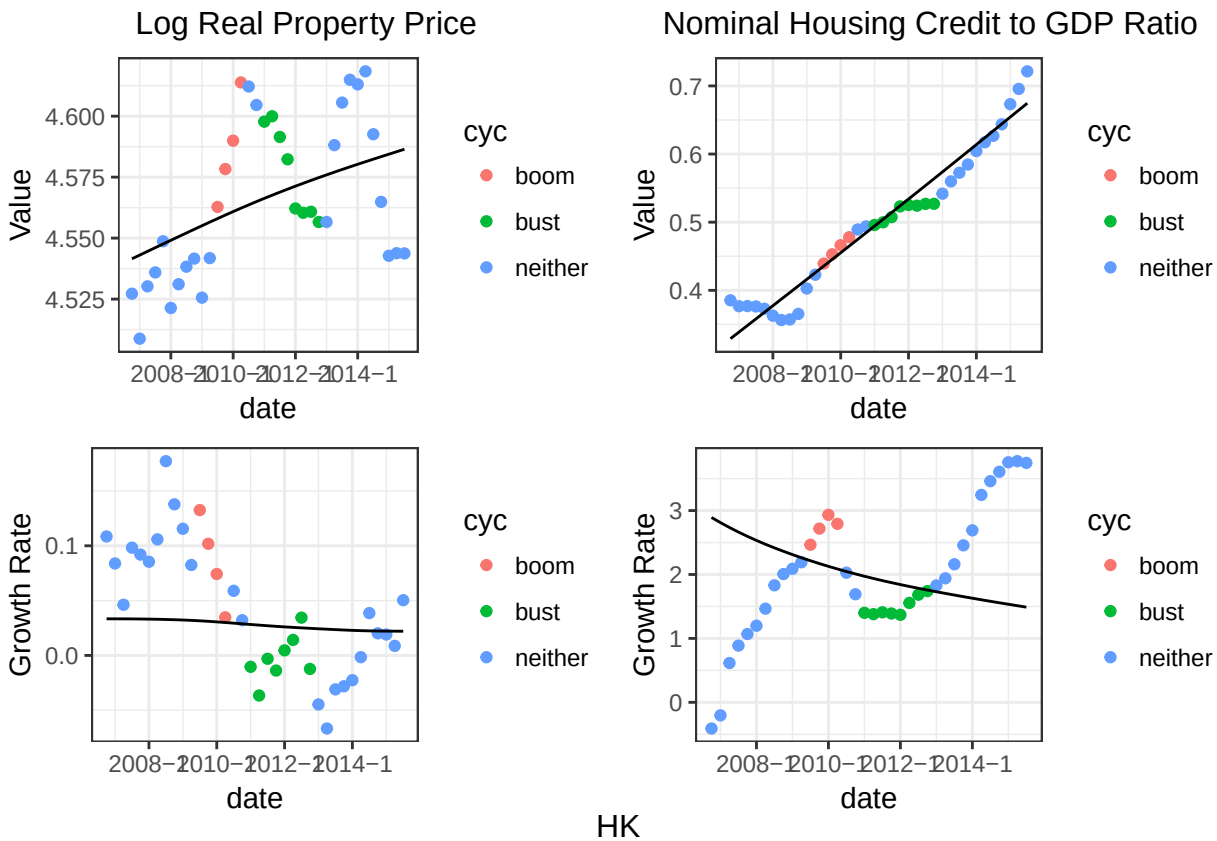
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
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cyc
boom
bust
neither

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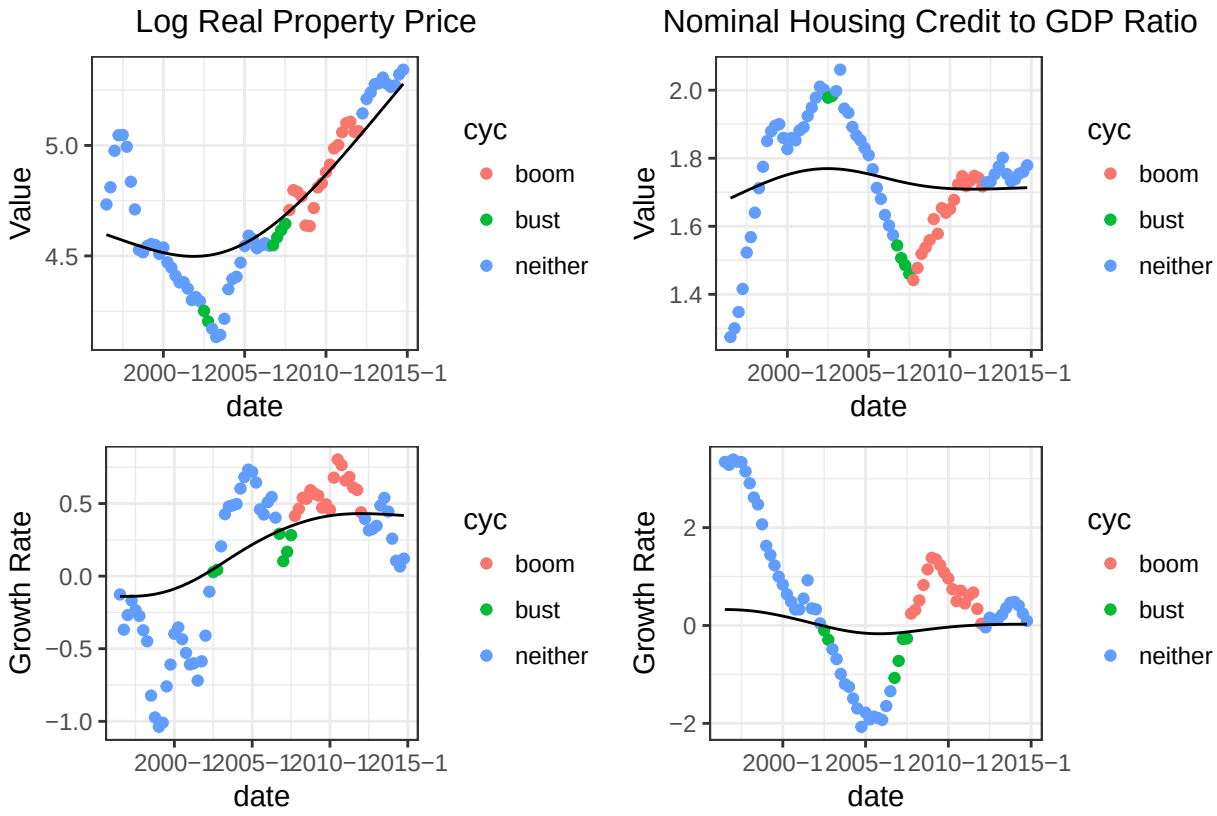
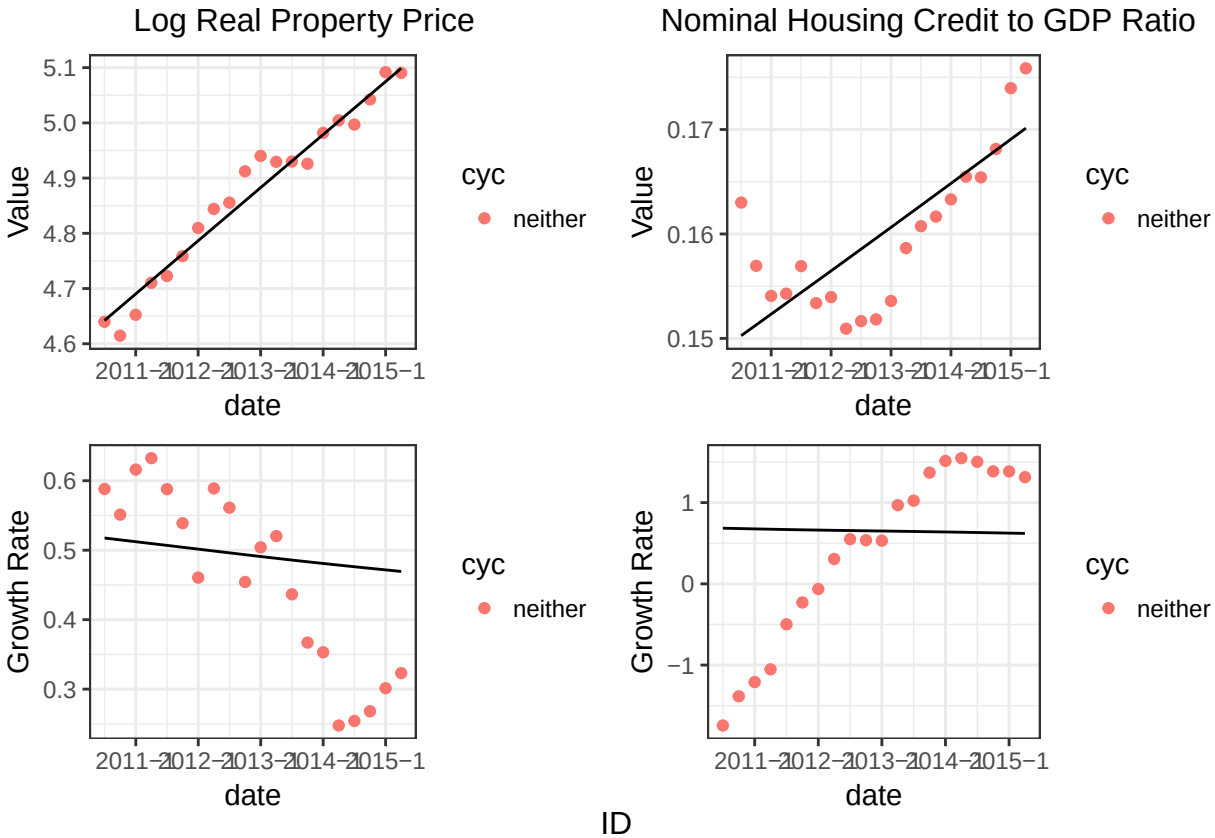

Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

IN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Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
neither

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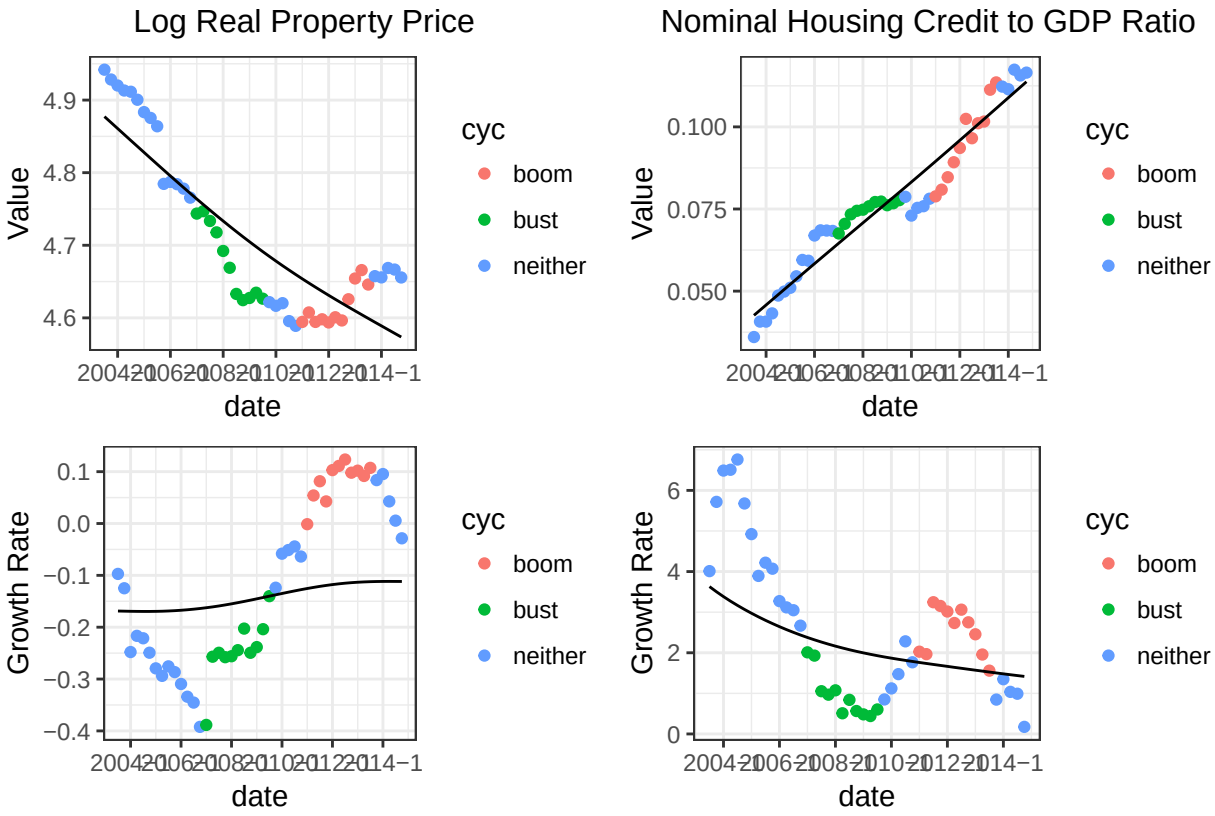
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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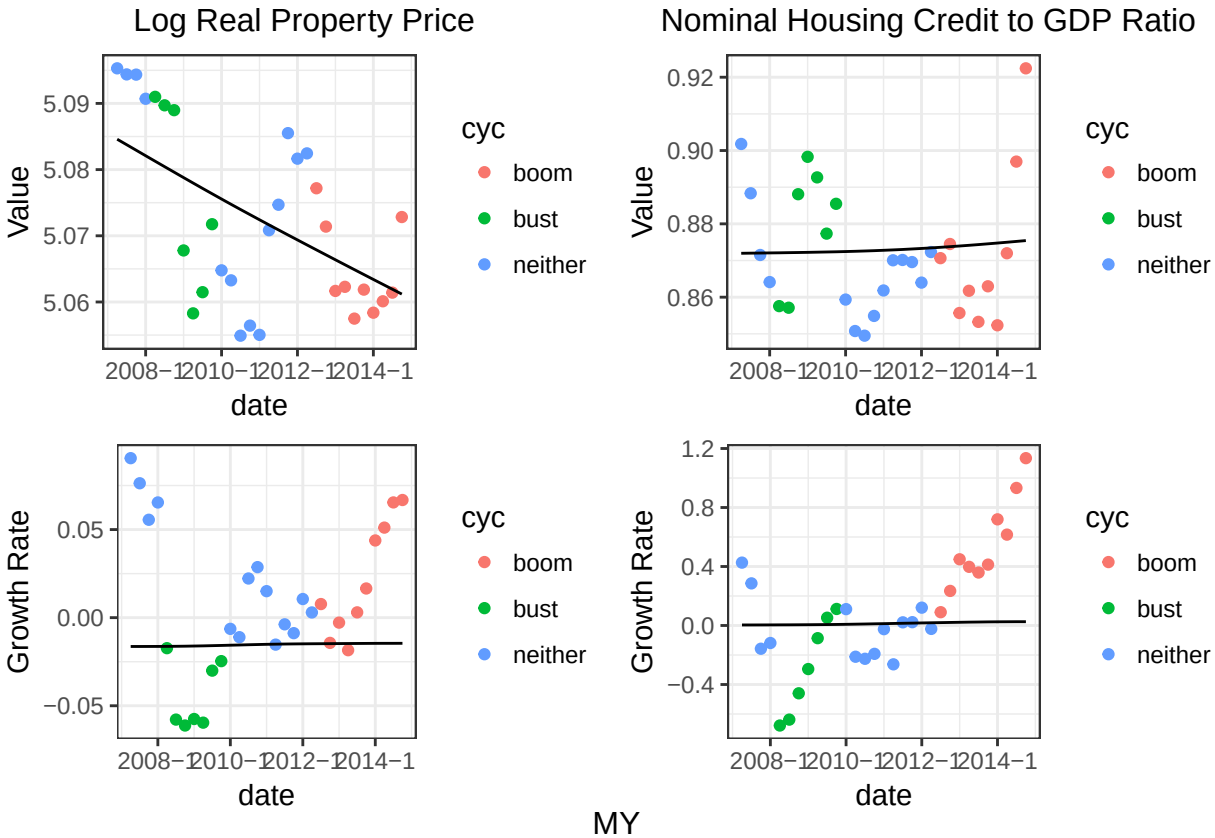
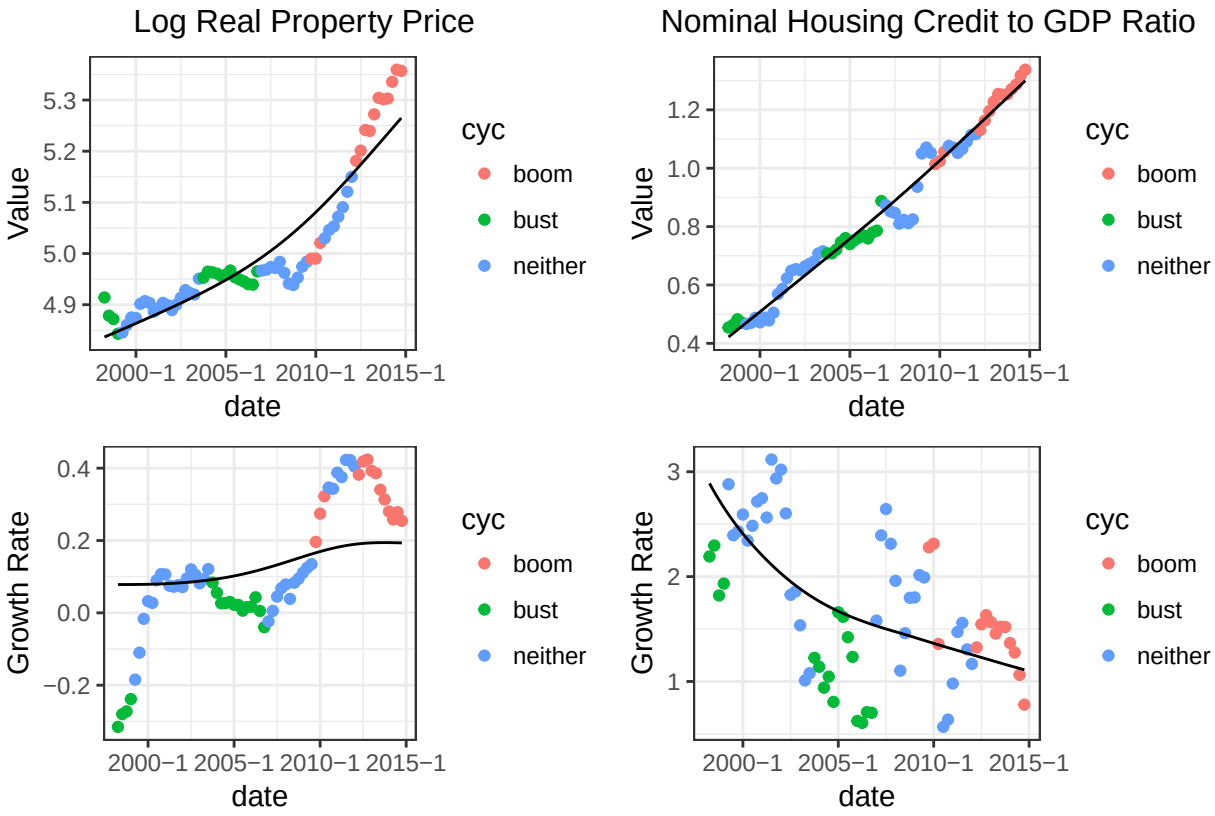
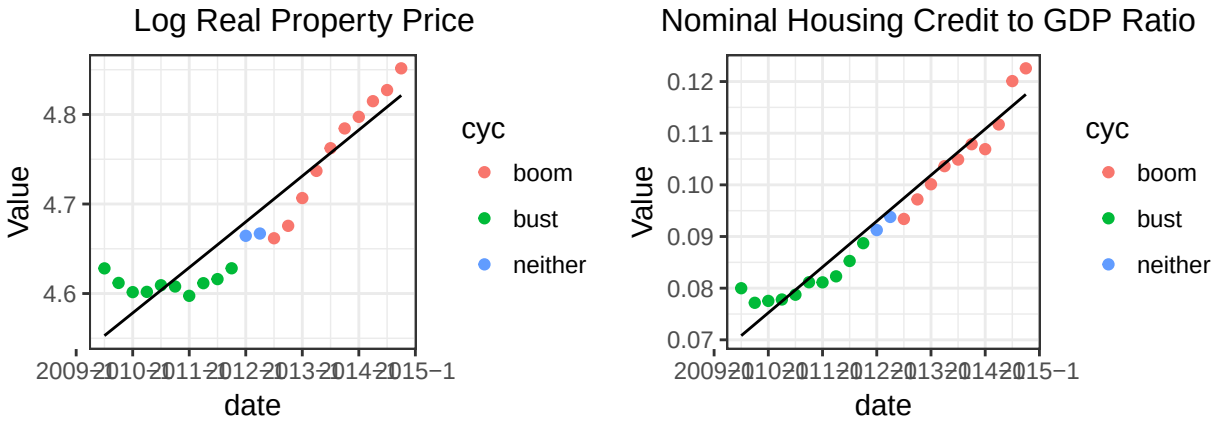

Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
2008−1
2010−1
2012−1
2014−1

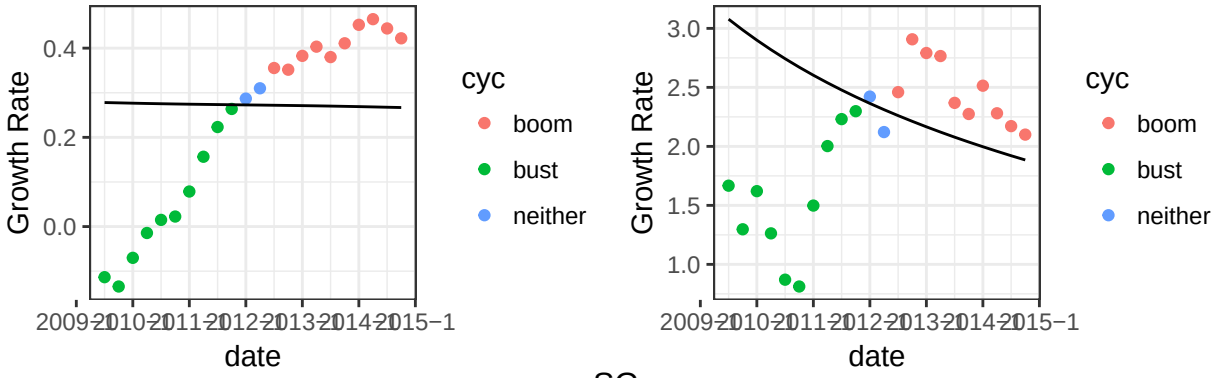
MY


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
2000−1
2005−1
2010−1
2015−1

PH

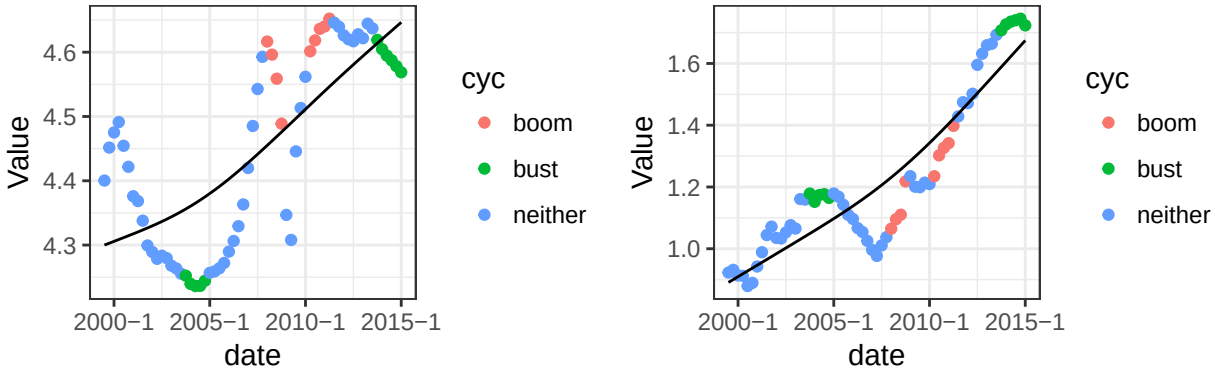

Log Real Property Price
Value
4.8
4.7
4.6
2009–1 2010–1 2011–1 2012–1 2013–1 2014–1 2015–1
date
cyc
boom
bust
neither


Nominal Housing Credit to GDP Ratio
Value
0.12
0.11
0.10
0.09
0.08
0.07
2009–1 2010–1 2011–1 2012–1 2013–1 2014–1 2015–1
date
cyc
boom
bust
neither

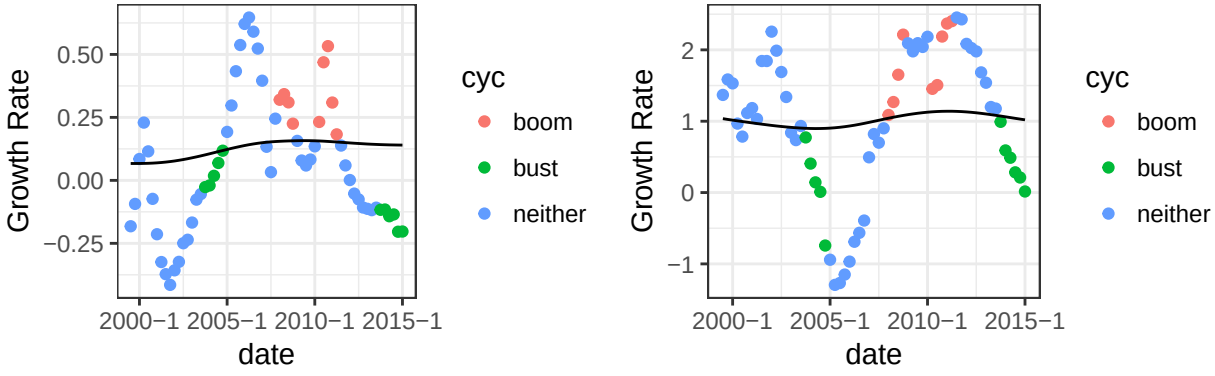

Growth Rate
0.4
0.2
0.0
2009–1 2010–1 2011–1 2012–1 2013–1 2014–1 2015–1
date
cyc
boom
bust
neither


Growth Rate
3.0
2.5
2.0
1.5
1.0
2009–1 2010–1 2011–1 2012–1 2013–1 2014–1 2015–1
date
cyc
boom
bust
neither

SG

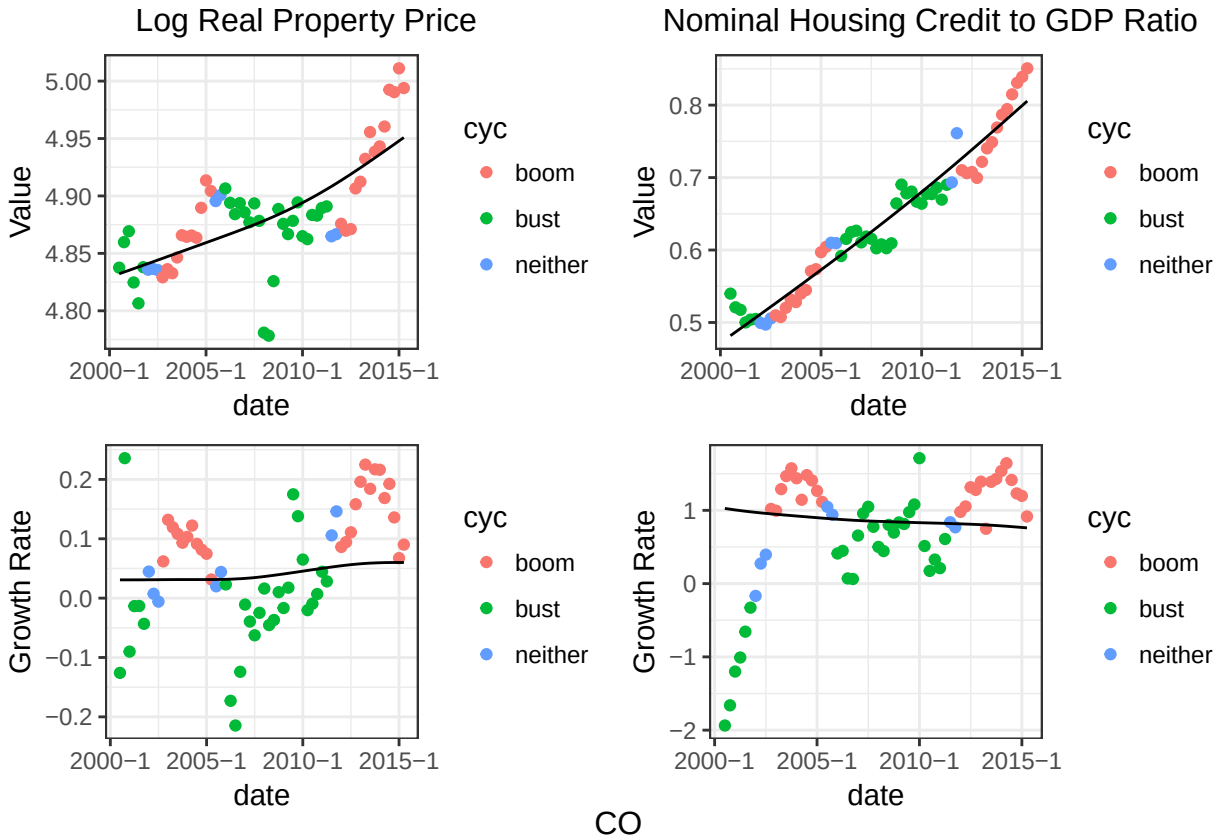

Log Real Property Price
Value
4.6
4.5
4.4
4.3
2000–1 2005–1 2010–1 2015–1
date
cyc
boom
bust
neither


Nominal Housing Credit to GDP Ratio
Value
1.6
1.4
1.2
1.0
2000–1 2005–1 2010–1 2015–1
date
cyc
boom
bust
neither


Growth Rate
0.50
0.25
0.00
−0.25
2000–1 2005–1 2010–1 2015–1
date
cyc
boom
bust
neither


Growth Rate
2
1
0
−1
2000–1 2005–1 2010–1 2015–1
date
cyc
boom
bust
neither

TH


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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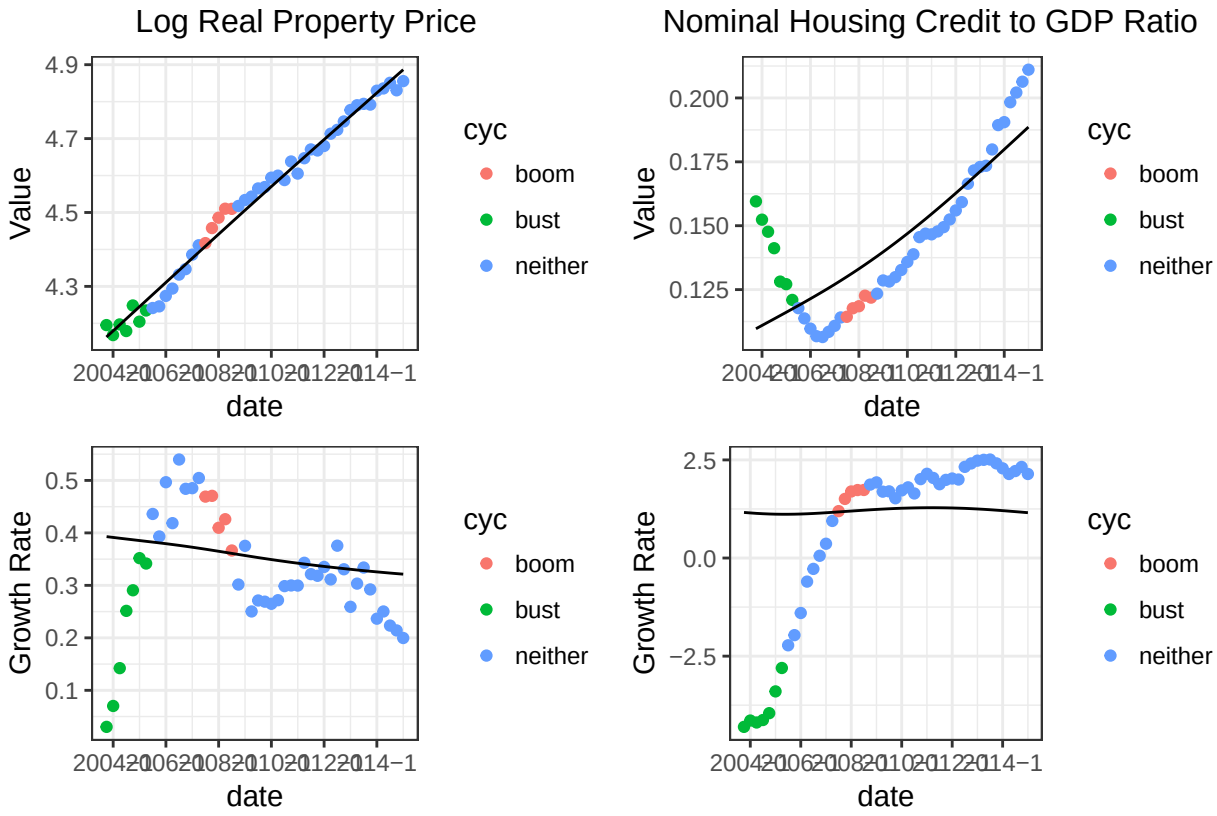
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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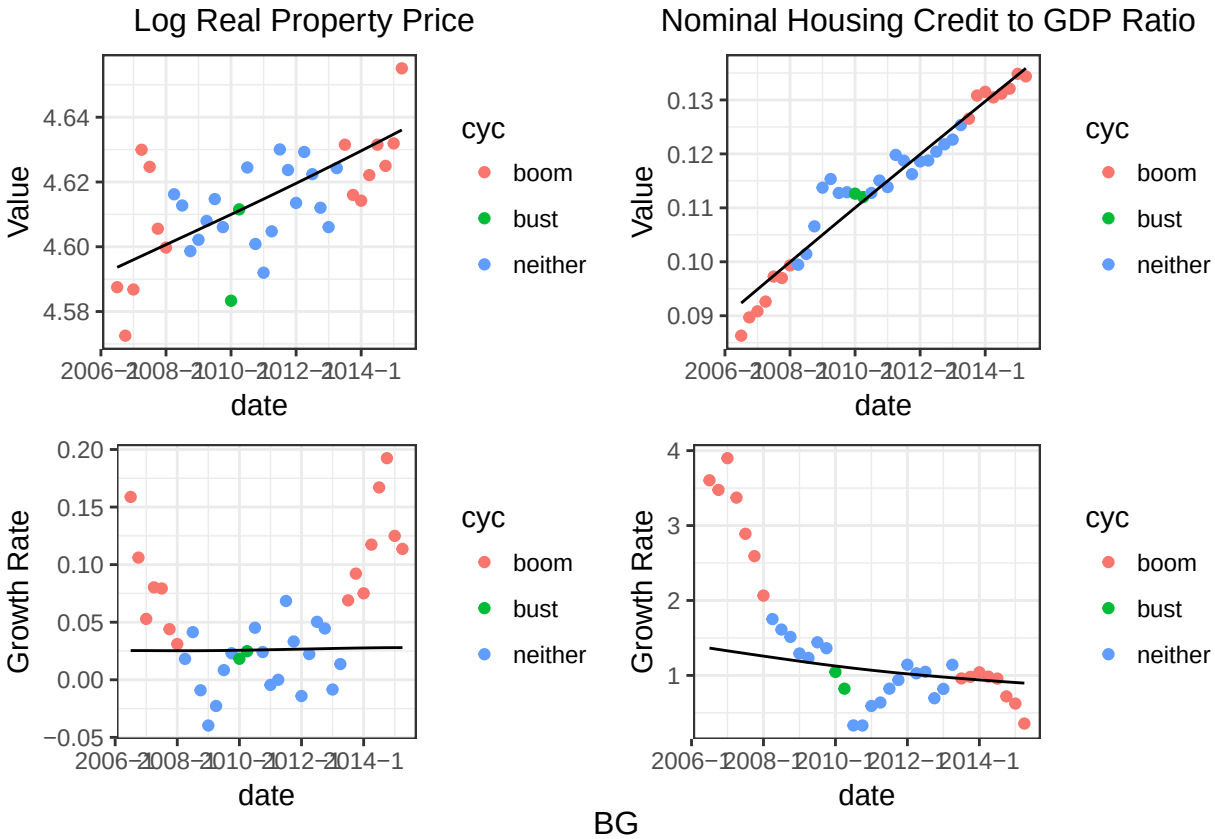
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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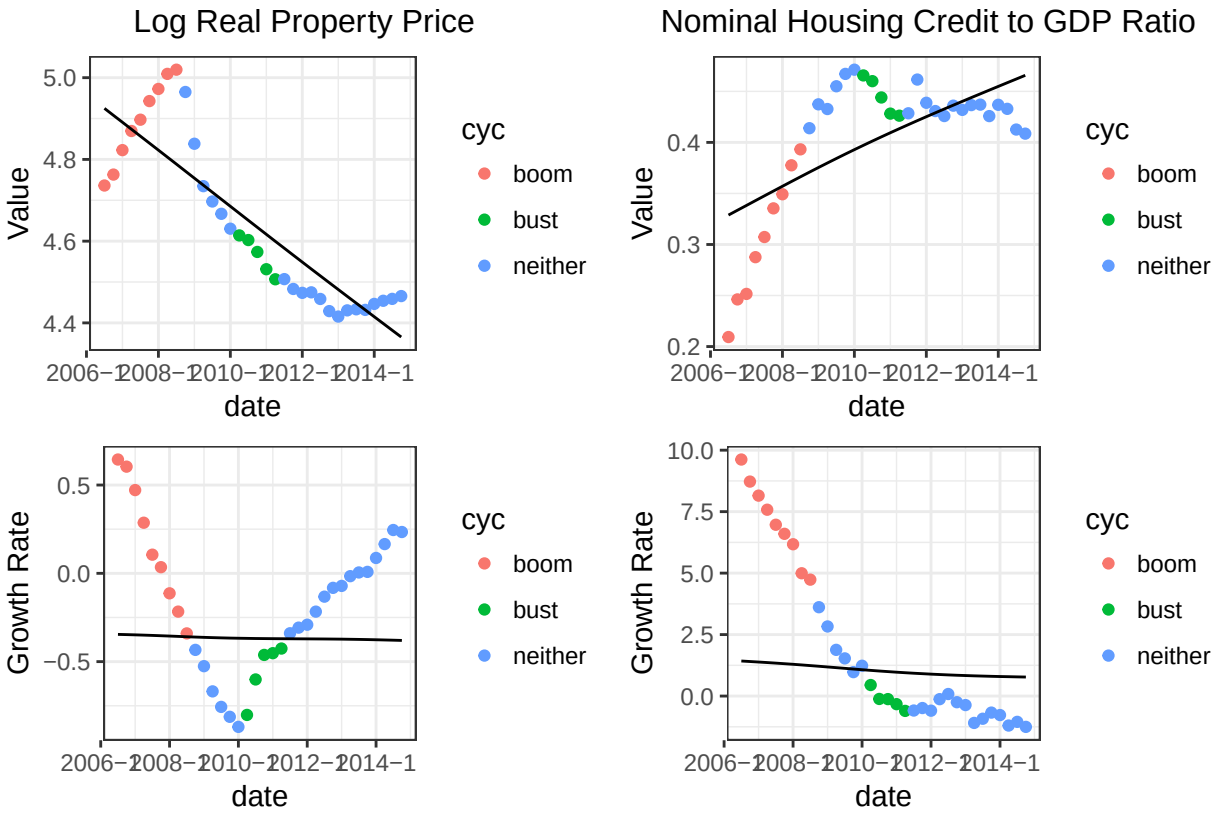
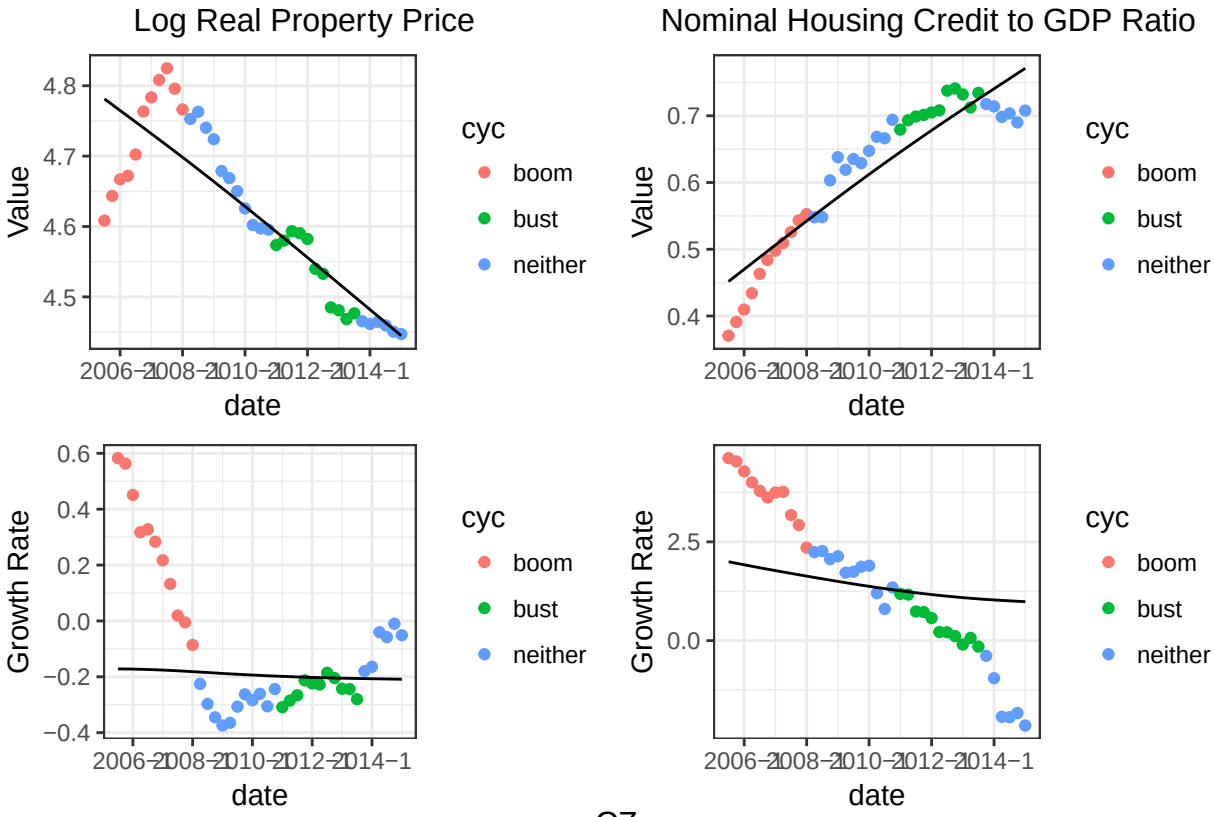

Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

HR


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

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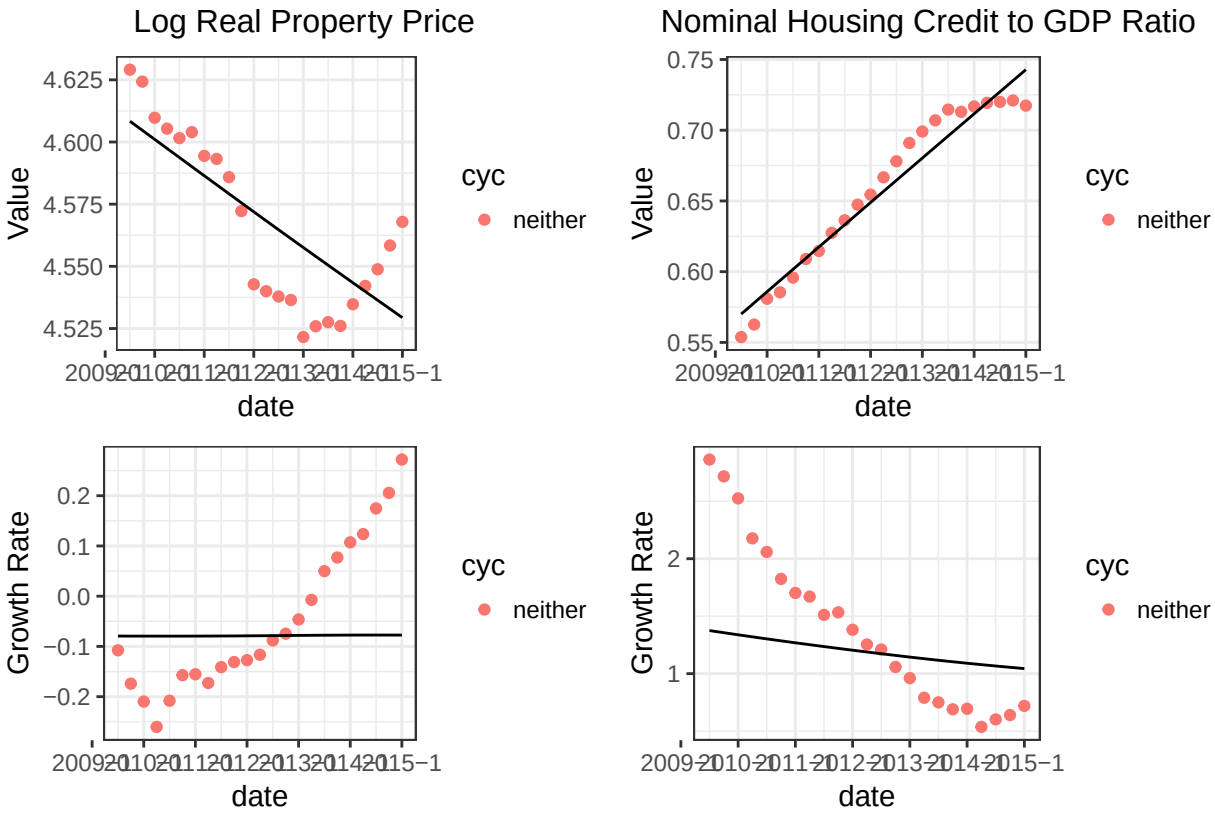
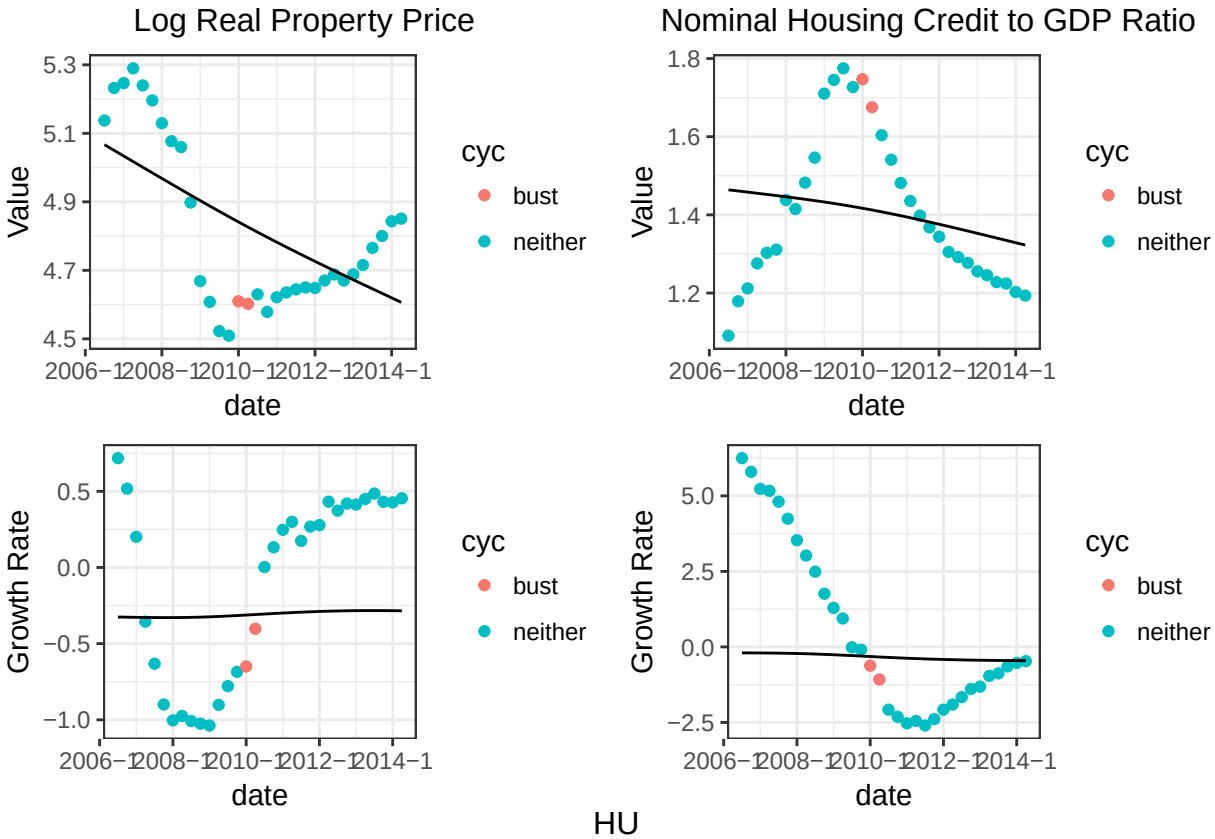
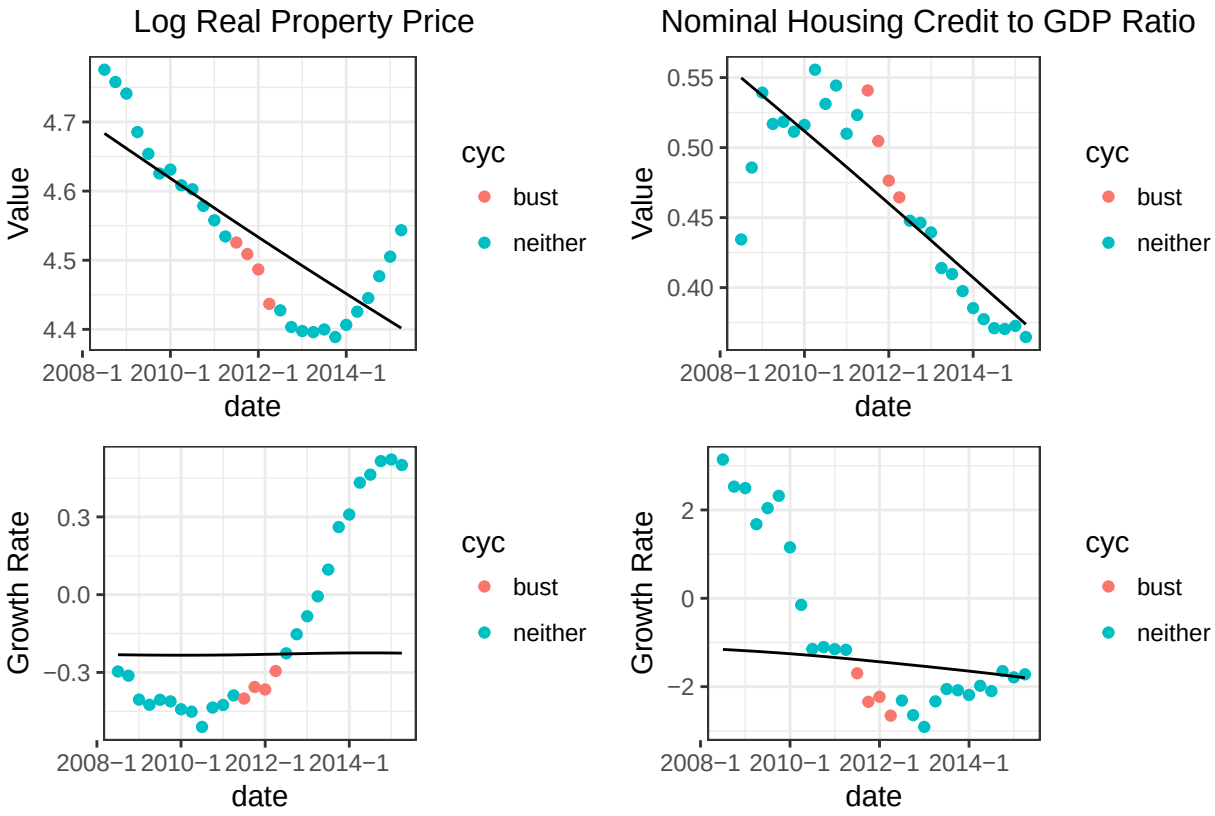

Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
neither

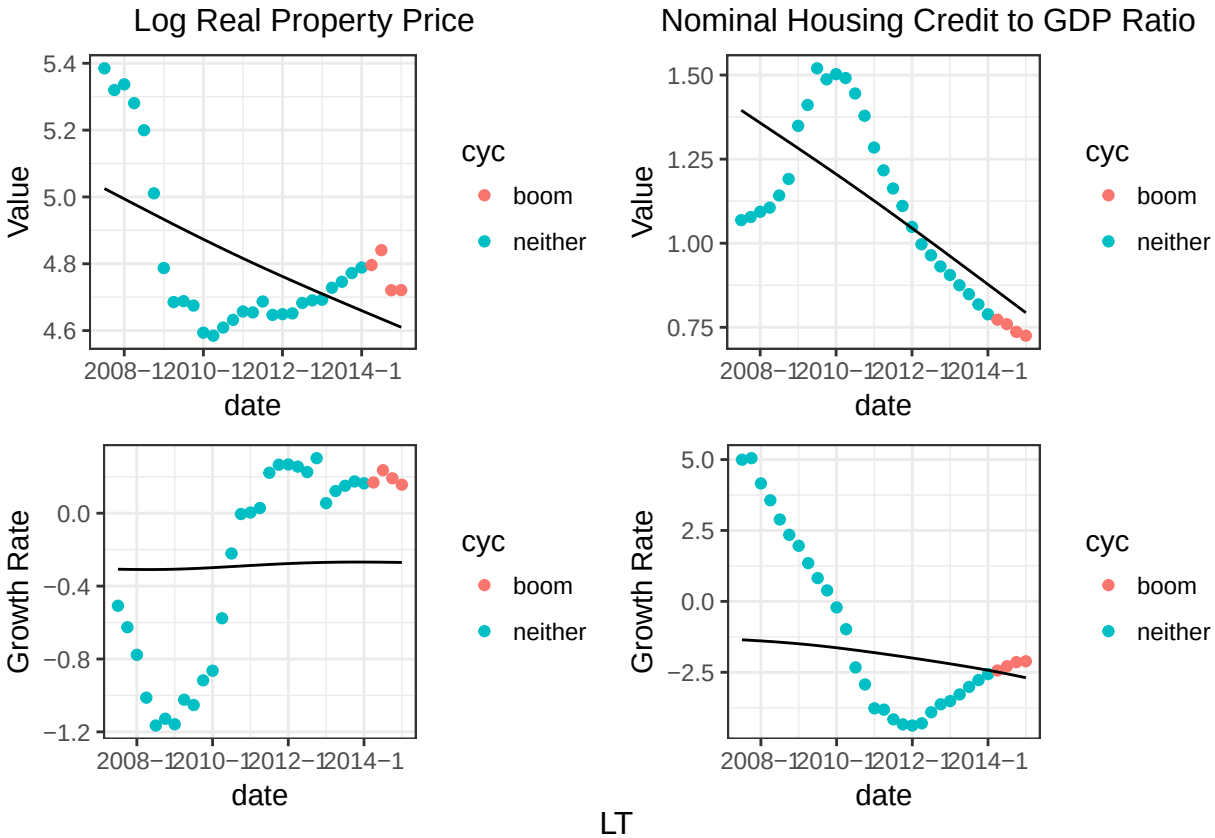
EE


Log Real Property Price
Value
5.3
5.1
4.9
4.7
4.5
2006–1 2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither
Nominal Housing Credit to GDP Ratio
Value
1.8
1.6
1.4
1.2
2006–1 2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither
Growth Rate
0.5
0.0
−0.5
−1.0
2006–1 2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither
Growth Rate
5.0
2.5
0.0
−2.5
2006–1 2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither

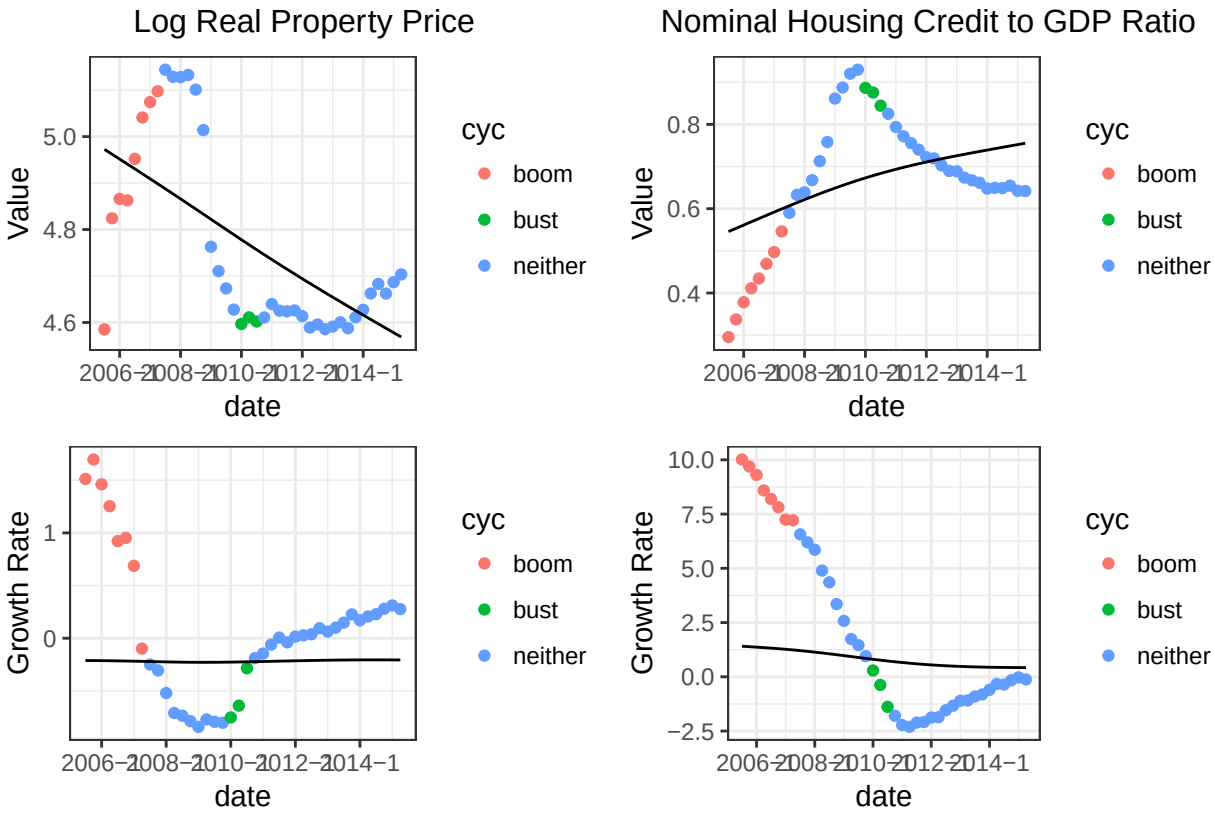
HU


Log Real Property Price
Value
4.7
4.6
4.5
4.4
2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither
Nominal Housing Credit to GDP Ratio
Value
0.55
0.50
0.45
0.40
2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither
Growth Rate
0.3
0.0
−0.3
2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither
Growth Rate
2
0
−2
2008–1 2010–1 2012–1 2014–1
date
cyc
bust
neither

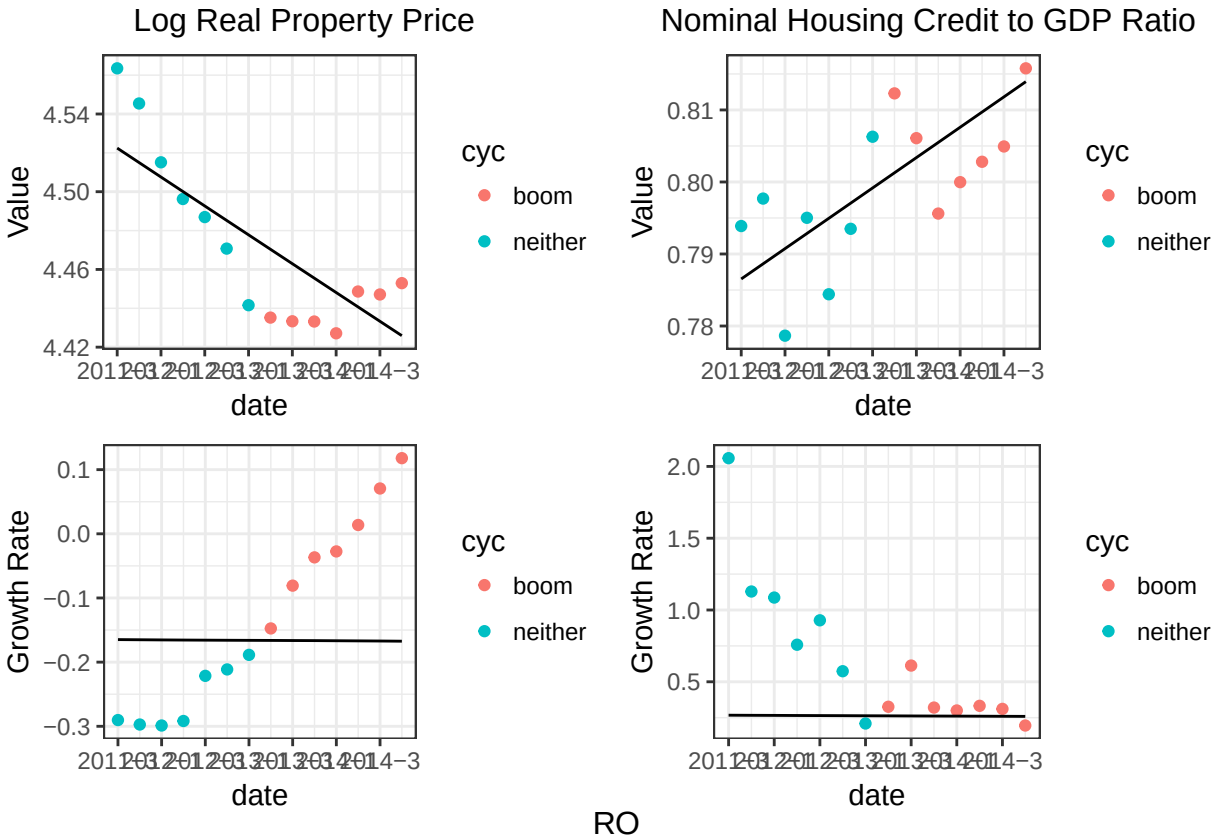
LV


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
neither

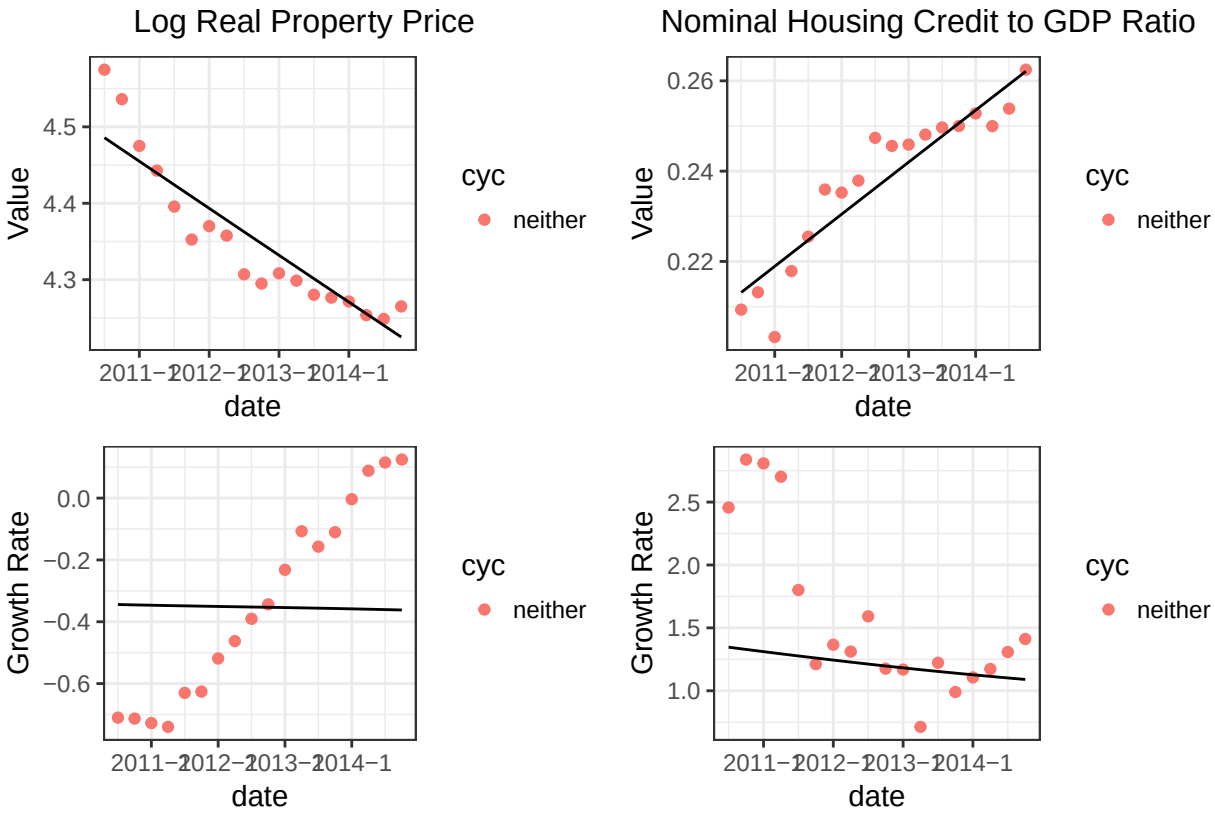
LT


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

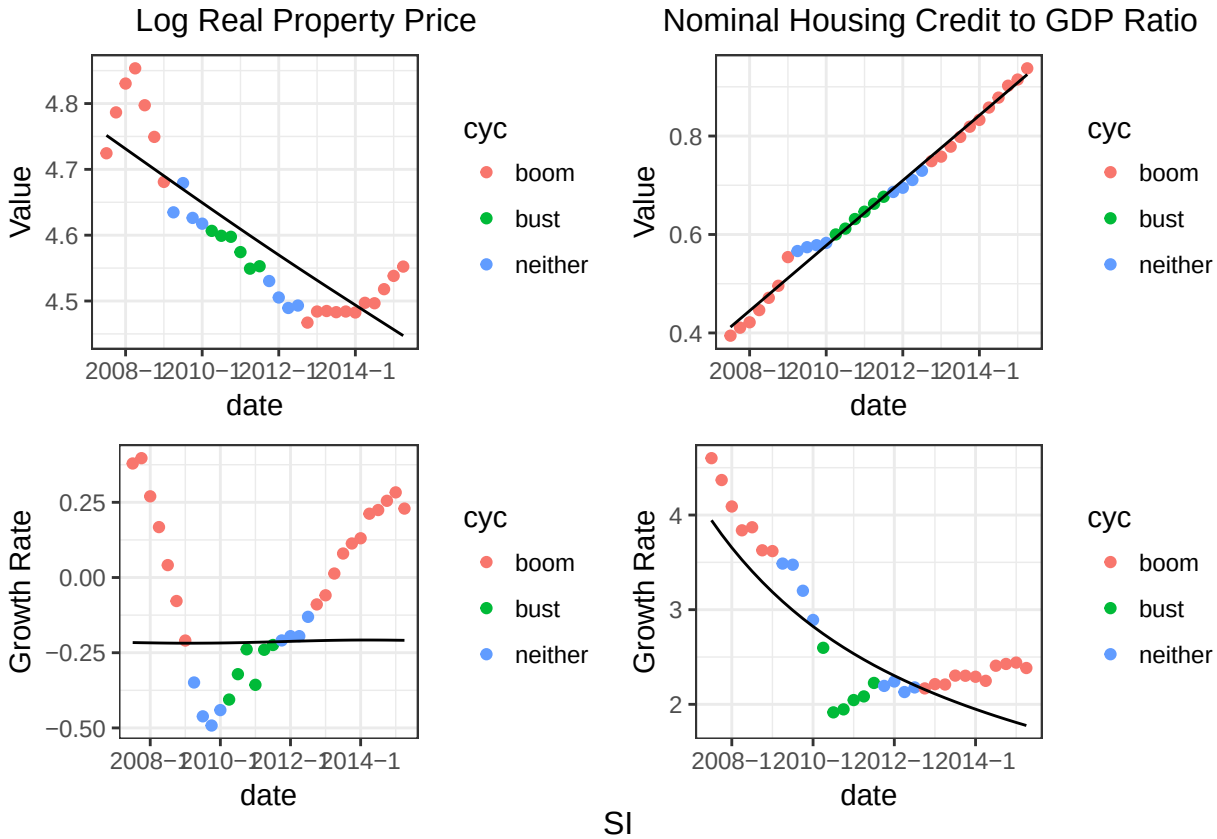
PL


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
neither

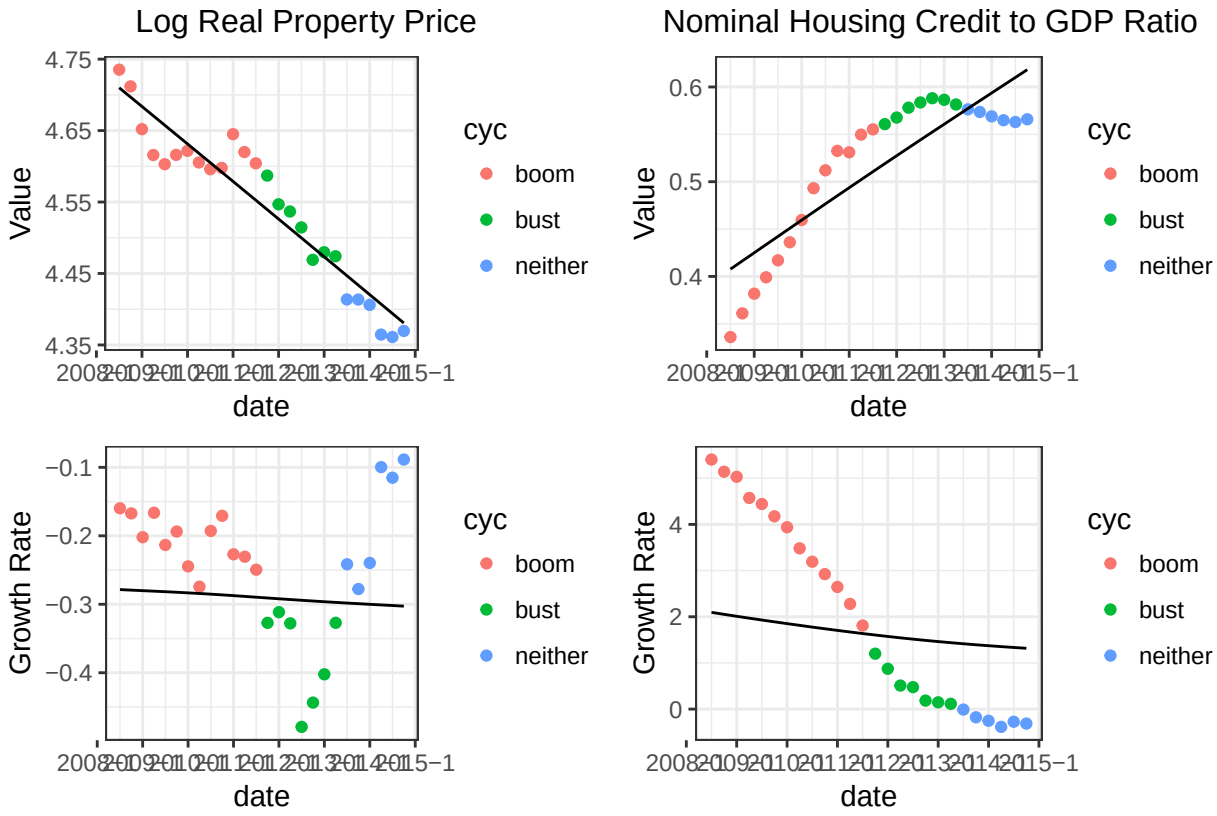
RO


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
neither

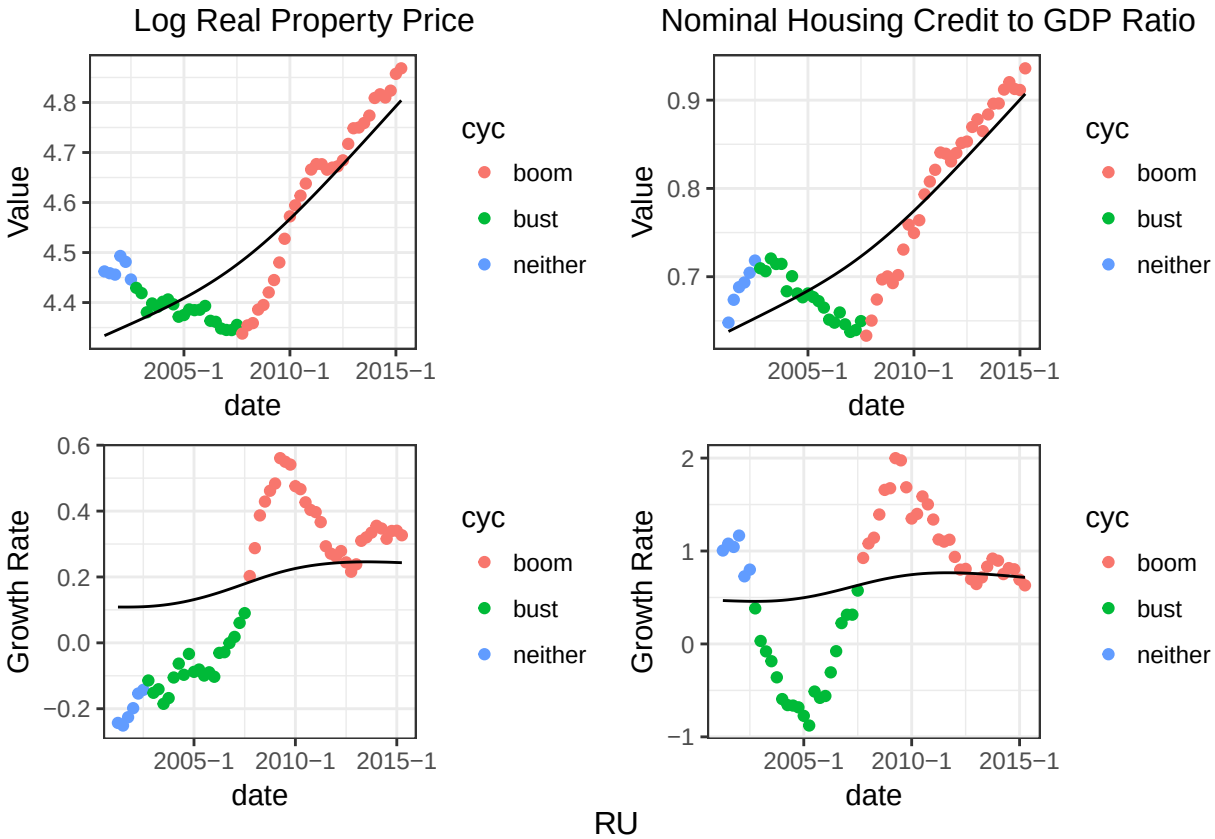
SK


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

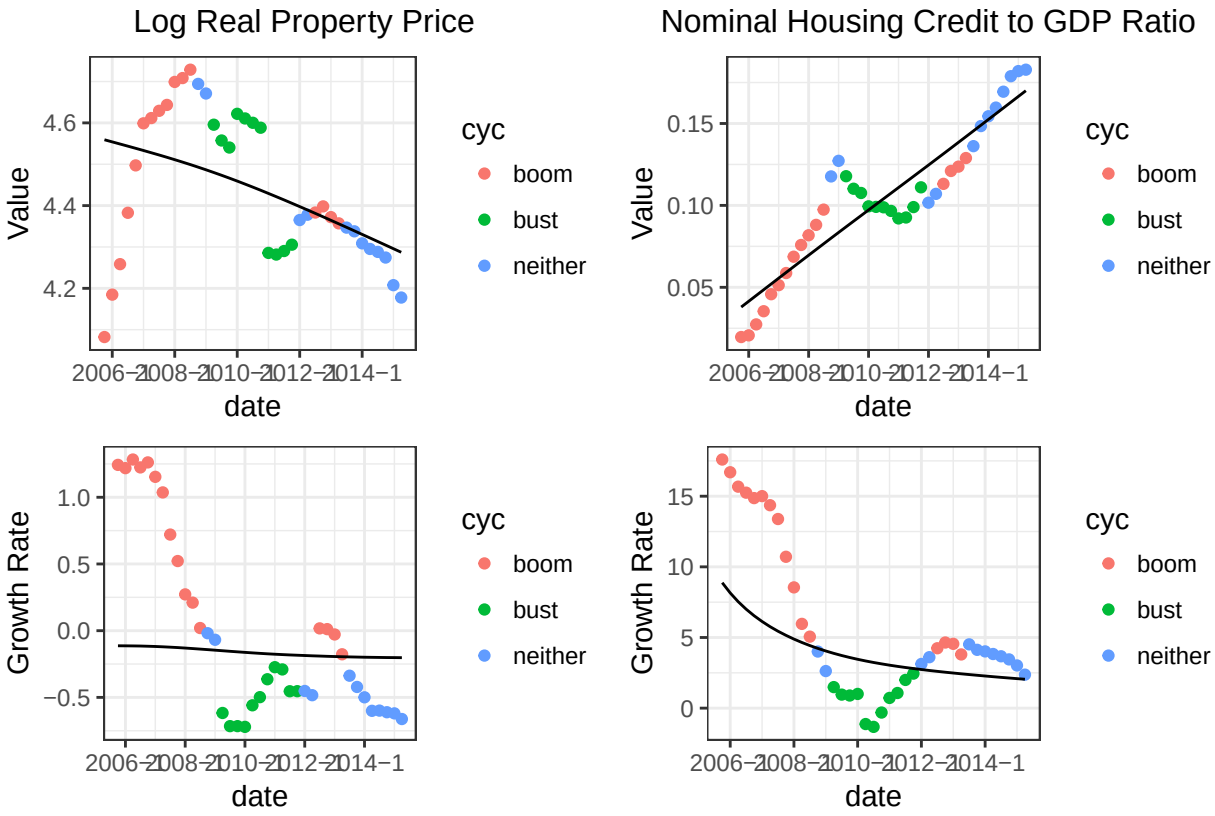
SI


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither

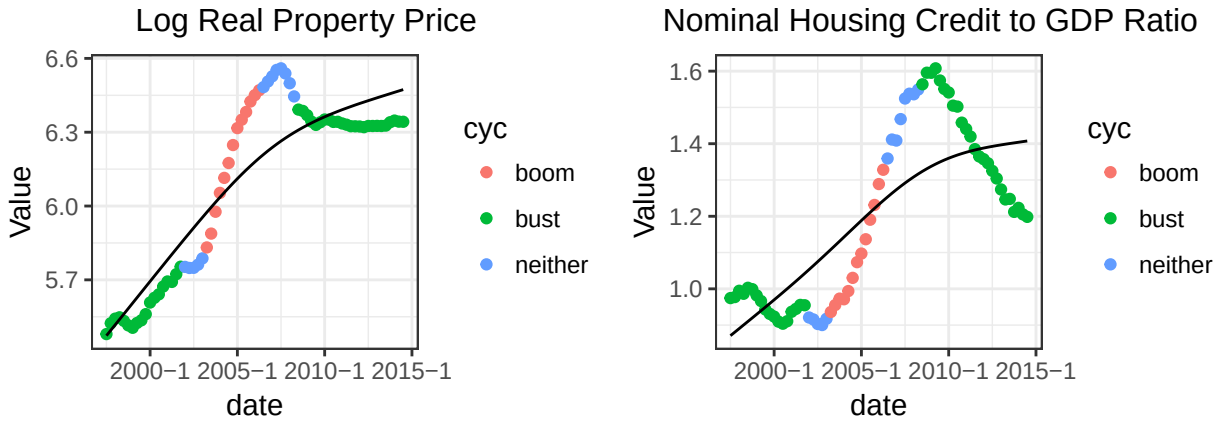
IL


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
2005−1
2010−1
2015−1

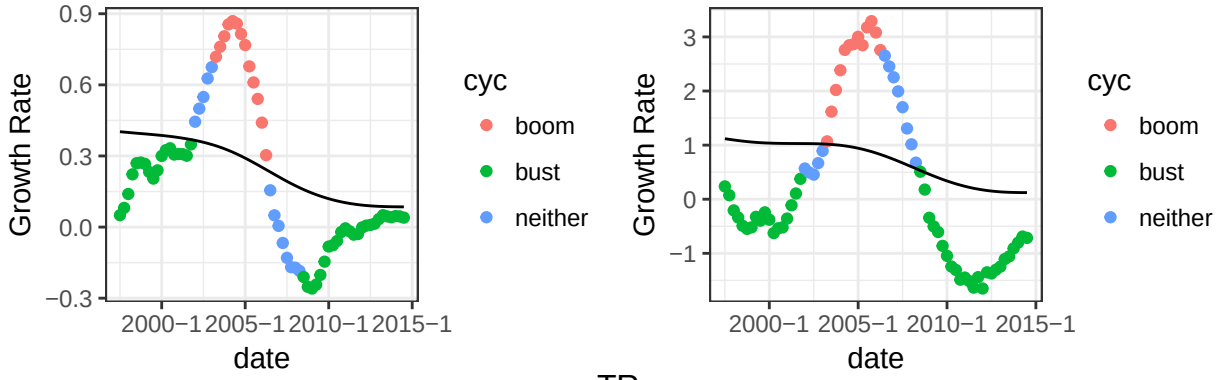
RU


Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
2006−1
2008−1
2010−1
2012−1
2014−1

ZA

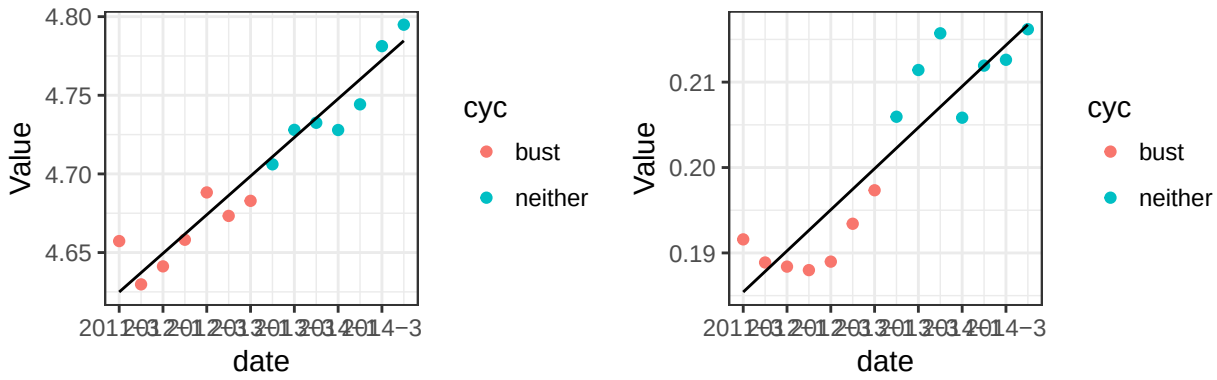

Log Real Property Price
Value
6.6
6.3
6.0
5.7
2000−1 2005−1 2010−1 2015−1
date
cyc
boom
bust
neither


Nominal Housing Credit to GDP Ratio
Value
1.6
1.4
1.2
1.0
2000−1 2005−1 2010−1 2015−1
date
cyc
boom
bust
neither

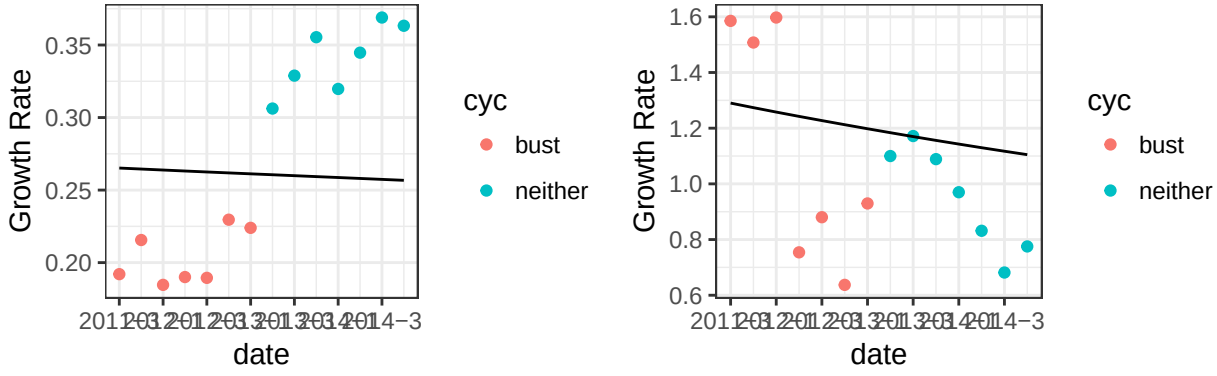

Growth Rate
0.9
0.6
0.3
0.0
−0.3
2000−1 2005−1 2010−1 2015−1
date
cyc
boom
bust
neither


Growth Rate
3
2
1
0
−1
2000−1 2005−1 2010−1 2015−1
date
cyc
boom
bust
neither

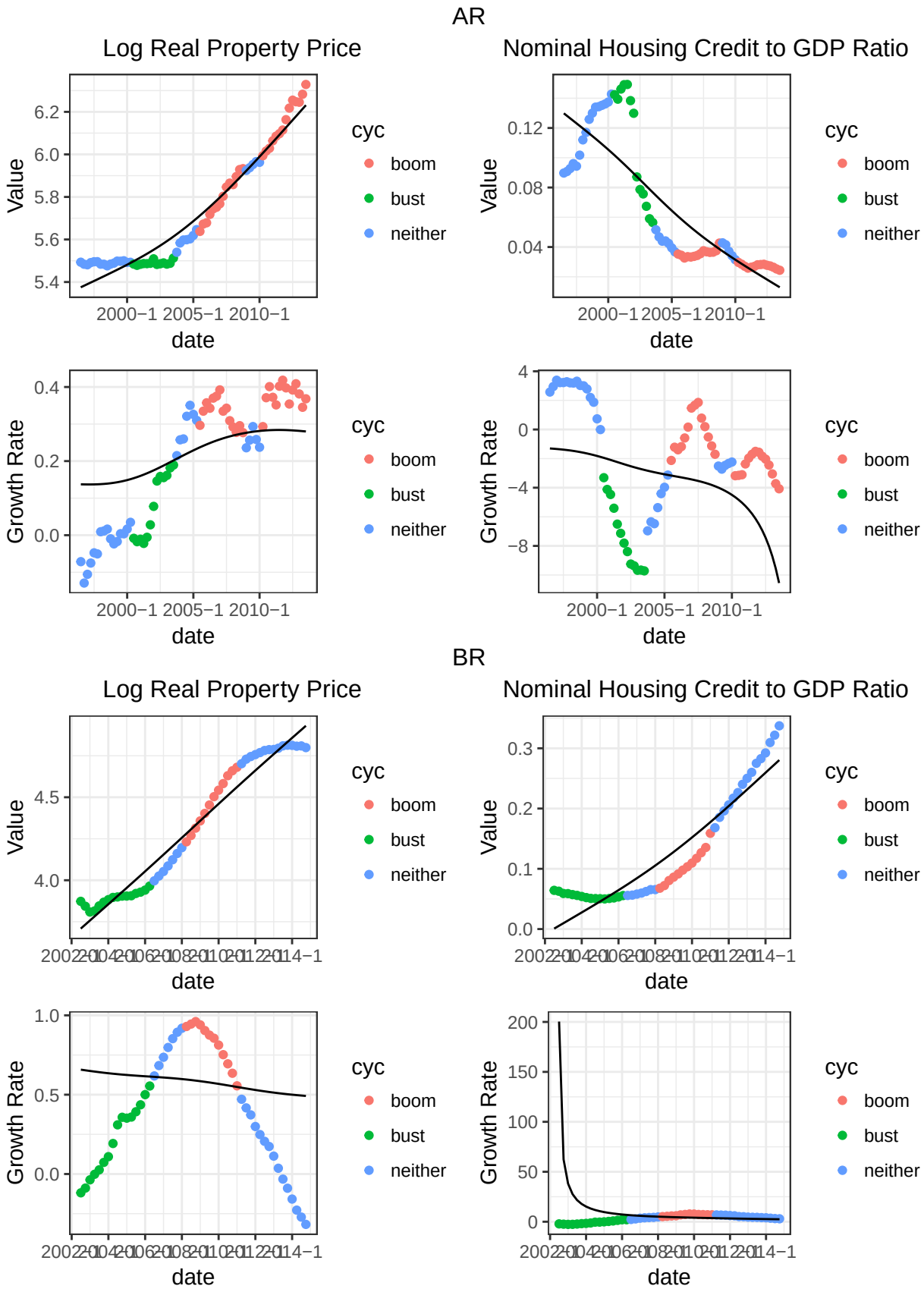
TR

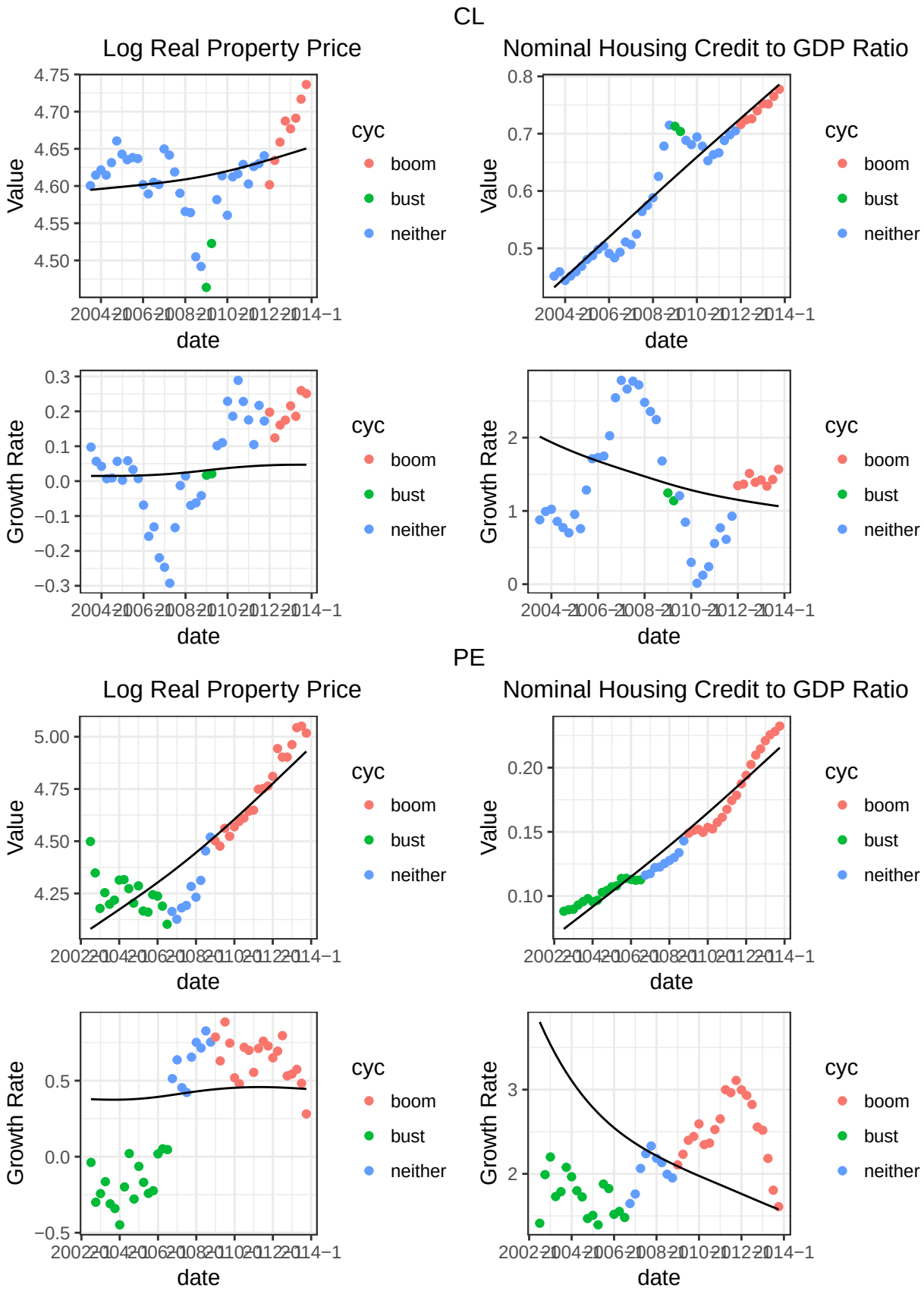

Log Real Property Price
Value
4.80
4.75
4.70
4.65
date
cyc
bust
neither


Nominal Housing Credit to GDP Ratio
Value
0.21
0.20
0.19
date
cyc
bust
neither

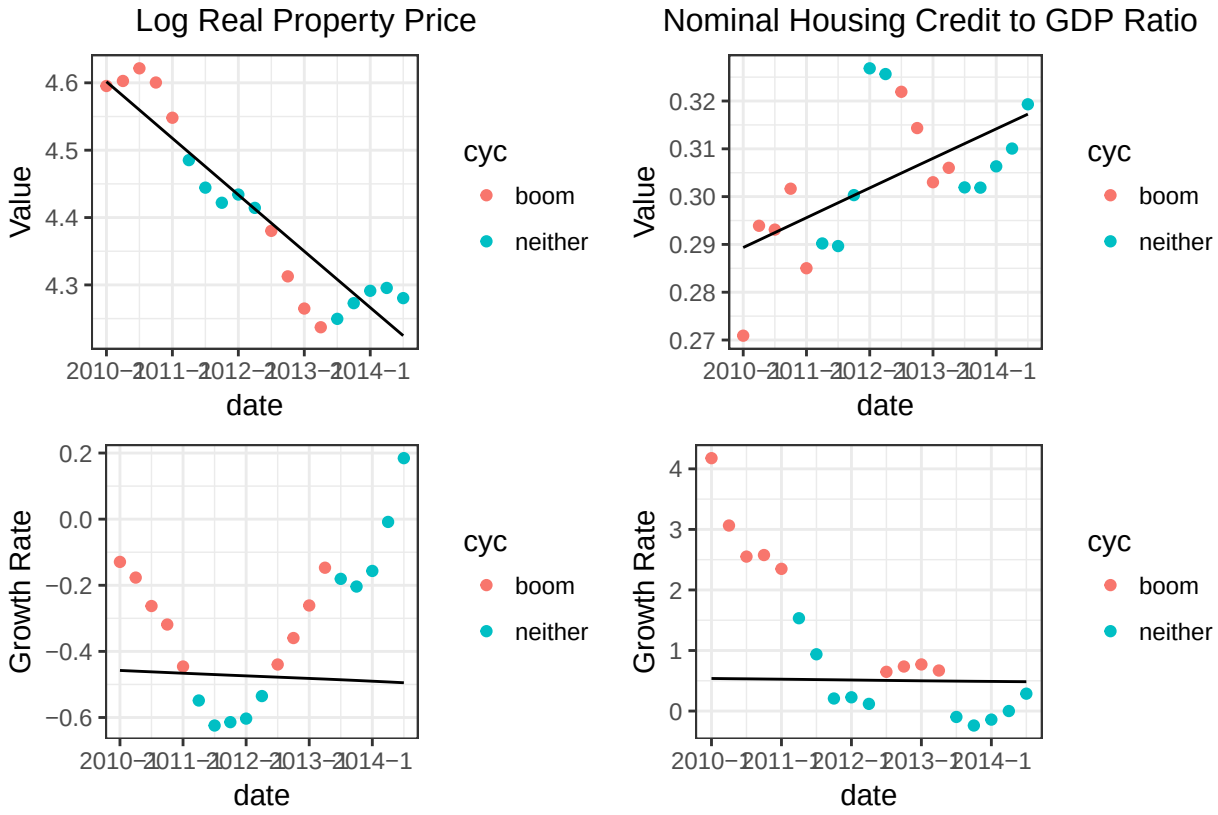

Growth Rate
0.35
0.30
0.25
0.20
date
cyc
bust
neither


Growth Rate
1.6
1.4
1.2
1.0
0.8
0.6
date
cyc
bust
neither


AR
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
BR


CL
Log Real Property Price
Nominal Housing Credit to GDP Ratio
Value
Growth Rate
date
cyc
boom
bust
neither
PE
Log Real Property Price
Nominal Housing Credit to GDP Ratio

RS




```
[[1]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.38675]

[[2]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.38930]

[[3]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.39185]

[[4]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.39440]
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[[5]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.39695]

[[6]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.39950]

[[7]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.40205]

[[8]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.40460]

[[9]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.40715]

[[10]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.40970]

[[11]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.41225]

[[12]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
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2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.41460]

[[13]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.41715]

[[14]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.41970]

[[15]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.42225]

[[16]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.42480]

[[17]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.42735]

[[18]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.42990]

[[19]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.43245]

[[20]]
TableGrob (2 x 2) "arrange": 3 grobs
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  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.43480]

[[21]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.43735]

[[22]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.43970]

[[23]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.44225]

[[24]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.44480]

[[25]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.44735]

[[26]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.44950]

[[27]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.45205]
```

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[[28]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.45460]

[[29]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.45715]

[[30]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.45970]

[[31]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.46225]

[[32]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.46480]

[[33]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.46735]

[[34]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.46990]

[[35]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
```

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3 3 (1-1,1-2) arrange text[GRID.text.47245]

[[36]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.47500]

[[37]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.47715]

[[38]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.47950]

[[39]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.48185]

[[40]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.48420]

[[41]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.48675]

[[42]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.48910]

[[43]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
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1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.49125]

[[44]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.49380]

[[45]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.49635]

[[46]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.49890]

[[47]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.50145]

[[48]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.50400]

[[49]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.50635]

[[50]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                 grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.50890]

[[51]]
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TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.51145]

[[52]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.51400]

[[53]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.51655]

[[54]]
TableGrob (2 x 2) "arrange": 3 grobs
  z     cells    name                  grob
1 1 (2-2,1-1) arrange       gtable[arrange]
2 2 (2-2,2-2) arrange       gtable[arrange]
3 3 (1-1,1-2) arrange text[GRID.text.51890]
```