

# Untitled

2022-06-11

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### 0.1 R Markdown

```
EViews> wfcreate(wf=sagiru,page=mati) q 2000 2025
+ 'open mychunk
+ for !i=1 to 100
+ %page="page"+@STR(!i)
+ if @pageexist(%page) then
+ pagedelete page!i
+ endif
+ next
+
+ for %y page1 page2 page3
+
+ pagecreate(page={%y}) a 2020 2025
+ next
+ %pagelist=@pagelist
+ for %y {%pagelist}
+ pageselect {%y}
+ delete gra*
+ genr y=@cumsum(nrnd)
+ genr x=@cumsum(nrnd)
+ genr z=@cumsum(nrnd)
+ genr date=@date
+
+ graph grap3.line z
+ graph grap2.bar y
+ graph grap1.area x
+ freeze(grap,mode=overwrite) x.line
+ equation ols.ls y c x
+ freeze(mode=overwrite,tab) ols
+ next
+ wfsave mychunk
```

```
EViews> library(magrittr)
EViews>
EViews> mychunk$page3 %>% head
```

```
##           date           x           y           z
## 1 2020-01-01 -1.19132007 -0.4918697 0.8868786
## 2 2021-01-01 -0.04053925 -0.6866027 1.8100949
```

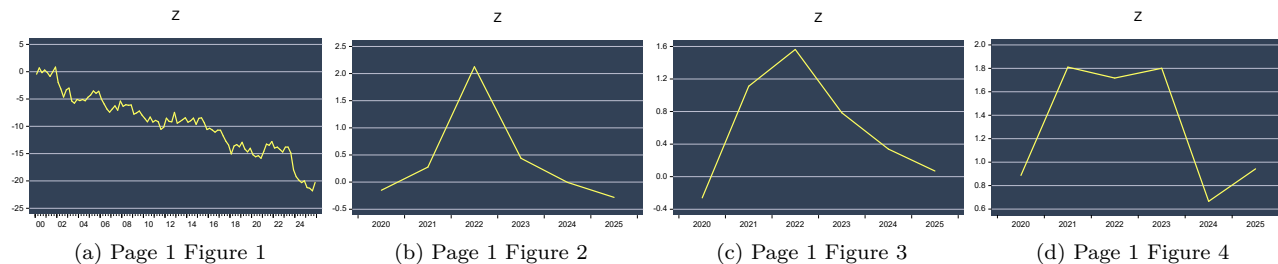


Figure 1: somefigure

```
## 3 2022-01-01 -1.36868932 -0.2182446 1.7172251
## 4 2023-01-01 -0.92310213 0.6387243 1.8008642
## 5 2024-01-01 -1.69983166 1.3582125 0.6660021
## 6 2025-01-01 -2.07086042 1.1420513 0.9425985
```

```
EViews> mychunk$mati_ols
```

```
##          aic  df    coefs      dw      f  fprob      hq      logl  meandep
## 1 4.509705 102 -4.026186 0.18379 36.61449 2.4e-08 4.530307 -232.5047 -5.665207
## 2      NA  NA -0.255923      NA      NA      NA      NA      NA      NA
##   ncoef    pval      r2    rbar2 regobs  schwarz  sddep      se      ssr
## 1      2 5.07e-20 0.264146 0.256932    104 4.560559 2.650839 2.28506 532.5929
## 2      NA 2.40e-08      NA      NA      NA      NA      NA      NA      NA
##   stderrs    tstats
## 1 0.351534 -11.453190
## 2 0.042294 -6.050991
```

```
EViews> mychunk$mati_tab
```

```
##          Dependent.Variable..Y          X          X.1
## 1          Method: Least Squares
## 2 Date: 06/24/22   Time: 08:36
## 3          Sample: 2000Q1 2025Q4
## 4      Included observations: 104
## 5
## 6          Variable Coefficient          Std. Error
## 7
## 8          C      -4.026186          0.351534
## 9          X      -0.255923          0.042294
## 10
## 11          R-squared      0.264146          Mean dependent var
## 12      Adjusted R-squared      0.256932          S.D. dependent var
## 13      S.E. of regression      2.285060          Akaike info criterion
## 14      Sum squared resid      532.5929          Schwarz criterion
## 15      Log likelihood      -232.5047          Hannan-Quinn criter.
## 16      F-statistic      36.61449          Durbin-Watson stat
## 17      Prob(F-statistic)      0.000000
## 18
##          X.2          X.3
## 1
## 2
## 3
## 4
```

```
## 5
## 6  t-Statistic  Prob.
## 7
## 8    -11.45319    0.0000
## 9    -6.050991    0.0000
## 10
## 11          -5.665207
## 12          2.650839
## 13          4.509705
## 14          4.560559
## 15          4.530307
## 16          0.183790
## 17
## 18
```

```
EViews> mychunk$series %>% head
```

```
## NULL
```

## 1 R plots

```
EViews> print(knitr::opts_current$get("sagir"))
EViews> print(knitr::opts_current$get("fig.show"))
EViews> y=cumsum(rnorm(100))
EViews> x=cumsum(rnorm(100))
EViews>
EViews> plot(x,y)
```

```
EViews> data=data.frame(y=runif(100),x=runif(100))
EViews> evIEWS_graph(data,save_path = "",frequency = "m",start_date = 1990,group = F,options = "m",graph
```

```
EViews> rwalk("x y z",num_observations = 100,frequency = "7",start_date = "1")
EViews>
EViews> evIEWS$xyz %>% head
EViews>
EViews> evIEWS_graph(evIEWS$xyz,group = T,graph_procs = "template midnight",graph_command = "line")
```