

Untitled

2022-06-11

Contents

```
> 'This is some comment in EViews program, feel free to write anything
+ wfcreate(page=EviewsR_page,wf=EviewsR_workfile) m 2000 2022
+ !n=1
+ for %y  page2 EviewsR3 page1
+ pagecreate(page={%y}) q 2000 2022
+ pageselect {%y}
+ rndseed !n+100
+ !n=!n+100
+ genr x=@cumsum(nrnd)
+ genr y=@cumsum(nrnd)
+ genr z=@cumsum(nrnd)
+ equation OLS_EQUATION.ls y c x z
+ %existing=@wlookup("","graph")
+ freeze(OLS_EQUATION_TABLE,mode=overwrite) OLS_EQUATION
+
+ %currentpage=@pagename
+ %newgraph=@wlookup("","graph")
+ %newgraph=@wdrop(%newgraph,%existing)
+ %existing=@wlookup("","graph")
+ if @wcount(%newgraph)>0 then
+ %graphPath=%graphPath+" "+%chunkName+"-"+%currentpage+"-"+%newgraph
+ endif
+
+ delete(noerr) GRAPH*
+ freeze(GRAPH3,mode=overwrite) z.line
+
+ %currentpage=@pagename
+ %newgraph=@wlookup("","graph")
+ %newgraph=@wdrop(%newgraph,%existing)
+ %existing=@wlookup("","graph")
+ if @wcount(%newgraph)>0 then
+ %graphPath=%graphPath+" "+%chunkName+"-"+%currentpage+"-"+%newgraph
+ endif
+
+ graph GRAPH2.dot y
+
+ %currentpage=@pagename
+ %newgraph=@wlookup("","graph")
+ %newgraph=@wdrop(%newgraph,%existing)
+ %existing=@wlookup("","graph")
+ if @wcount(%newgraph)>0 then
+ %graphPath=%graphPath+" "+%chunkName+"-"+%currentpage+"-"+%newgraph
```

```

+   endif
+
+ graph GRAPH1.area x
+
+   %currentpage=@pagename
+   %newgraph=@wlookup("","graph")
+   %newgraph=@wdrop(%newgraph,%existing)
+   %existing=@wlookup("","graph")
+   if @wcount(%newgraph)>0 then
+   %graphPath=%graphPath+" "+chunkName+"-"+%currentpage+"-"+%newgraph
+   endif
+
+ graph3.addtext(ar) %y
+
+   %currentpage=@pagename
+   %newgraph=@wlookup("","graph")
+   %newgraph=@wdrop(%newgraph,%existing)
+   %existing=@wlookup("","graph")
+   if @wcount(%newgraph)>0 then
+   %graphPath=%graphPath+" "+chunkName+"-"+%currentpage+"-"+%newgraph
+   endif
+
+ graph2.addtext(ar) %y
+
+   %currentpage=@pagename
+   %newgraph=@wlookup("","graph")
+   %newgraph=@wdrop(%newgraph,%existing)
+   %existing=@wlookup("","graph")
+   if @wcount(%newgraph)>0 then
+   %graphPath=%graphPath+" "+chunkName+"-"+%currentpage+"-"+%newgraph
+   endif
+
+ graph1.addtext(ar) %y
+
+   %currentpage=@pagename
+   %newgraph=@wlookup("","graph")
+   %newgraph=@wdrop(%newgraph,%existing)
+   %existing=@wlookup("","graph")
+   if @wcount(%newgraph)>0 then
+   %graphPath=%graphPath+" "+chunkName+"-"+%currentpage+"-"+%newgraph
+   endif
+
+ next
+ wfsave evIEWSr1

```

0.064919

```

> import_table('evIEWSr1')
>
> ev$page1_ols_equation

```

```

## $aic
## [1] 6.362889
##
## $df

```

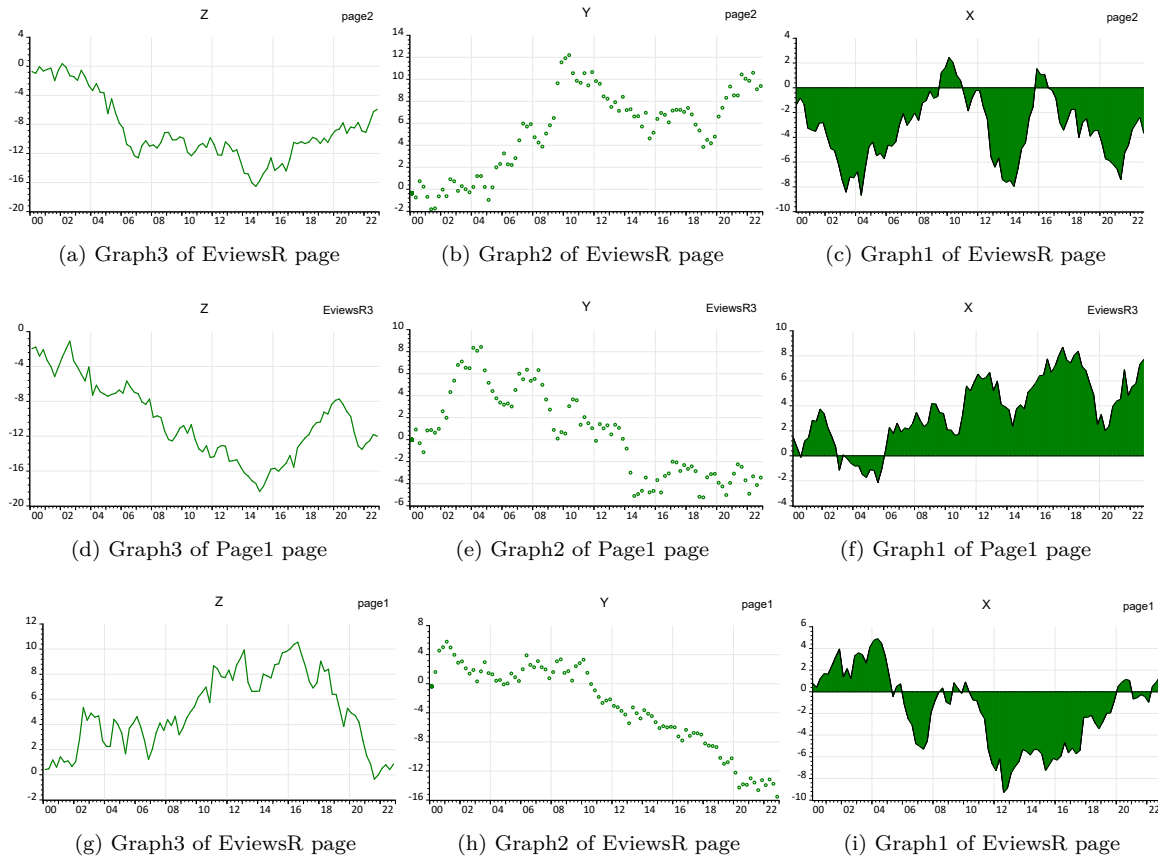


Figure 1: Figures automatically imported by eviews chunk (page="eviewsr page1", graph="asis")

```
## [1] 89
##
## $dw
## [1] 0.048764
##
## $f
## [1] 3.089462
##
## $fprob
## [1] 0.050442
##
## $hq
## [1] 6.396079
##
## $logl
## [1] -289.6929
##
## $meandep
## [1] -3.154564
##
## $ncoef
## [1] 3
##
```

```

## $r2
## [1] 0.064919
##
## $rbar2
## [1] 0.043906
##
## $regobs
## [1] 92
##
## $schwarz
## [1] 6.445121
##
## $sddep
## [1] 5.864533
##
## $se
## [1] 5.734344
##
## $ssr
## [1] 2926.56
##
## $coefs
## [1] -2.728871 0.459016 0.066902
##
## $pval
## [1] 0.037167 0.052785 0.809195
##
## $stderrs
## [1] 1.289844 0.233851 0.276243
##
## $tstats
## [1] -2.115659 1.962860 0.242184

```

```
> ev$page1
```

##	date	x	y	z
## 1	2000-01-01	0.76810190	-0.32941393	0.41742926
## 2	2000-04-01	0.40089655	1.61941529	0.47492947
## 3	2000-07-01	1.23976310	4.55629845	1.17450983
## 4	2000-10-01	1.67403170	5.03470625	0.59782775
## 5	2001-01-01	1.61591522	5.78960575	1.42690317
## 6	2001-04-01	2.38709803	4.98801209	1.00530938
## 7	2001-07-01	3.22585907	3.98523692	1.09704397
## 8	2001-10-01	3.94713684	2.88961242	0.66512879
## 9	2002-01-01	1.36605000	3.07425505	1.04568002
## 10	2002-04-01	2.12496337	2.12489338	2.82656935
## 11	2002-07-01	1.21201691	1.40004771	5.34515127
## 12	2002-10-01	3.32417271	1.89789328	4.33563807
## 13	2003-01-01	3.58728708	0.32698724	4.90366723
## 14	2003-04-01	3.41022809	1.70603933	4.57684291
## 15	2003-07-01	2.64654432	2.97141897	4.68096149
## 16	2003-10-01	4.14102346	1.46144660	2.70640415
## 17	2004-01-01	4.74433694	1.31083502	2.26631190
## 18	2004-04-01	4.89680629	0.41915604	2.24128625
## 19	2004-07-01	4.49627865	0.51844687	4.40725923

##	20	2004-10-01	3.30847543	-0.07422184	4.01007887
##	21	2005-01-01	1.54143180	0.04409028	3.33075617
##	22	2005-04-01	-0.43841699	1.41894928	1.67279751
##	23	2005-07-01	0.49419253	0.89536621	3.70747650
##	24	2005-10-01	0.72635720	0.38200110	4.10338088
##	25	2006-01-01	-1.21127058	2.00115466	4.62792843
##	26	2006-04-01	-2.49457368	3.89943031	3.78833130
##	27	2006-07-01	-3.05593976	2.59575741	2.68477442
##	28	2006-10-01	-4.78648002	2.27071861	1.21668060
##	29	2007-01-01	-5.02161959	3.11728835	2.02883163
##	30	2007-04-01	-5.28864997	2.27449926	3.33717188
##	31	2007-07-01	-4.55830427	1.97481400	4.12056864
##	32	2007-10-01	-1.92577441	0.75862857	3.52092972
##	33	2008-01-01	-0.85833464	1.61059434	4.38490910
##	34	2008-04-01	-0.06224497	3.09113935	3.91186306
##	35	2008-07-01	0.35076035	3.36037396	4.65598451
##	36	2008-10-01	-0.95983680	1.49087866	3.18248984
##	37	2009-01-01	-1.14793405	1.74371253	3.73080738
##	38	2009-04-01	0.82483924	0.43841387	4.52506570
##	39	2009-07-01	0.31573931	2.42501866	5.01921637
##	40	2009-10-01	-0.14146684	2.83788145	5.41188916
##	41	2010-01-01	0.90028886	3.31157896	6.15531454
##	42	2010-04-01	-0.01440816	1.50719535	6.54400824
##	43	2010-07-01	-0.76023611	-0.04028315	6.97422364
##	44	2010-10-01	-0.82061309	-0.90034147	5.75019184
##	45	2011-01-01	-1.89071125	-1.81472522	8.67615428
##	46	2011-04-01	-2.46856933	-2.63732968	8.44206627
##	47	2011-07-01	-5.33992748	-2.30914310	7.81732104
##	48	2011-10-01	-6.65515558	-2.15210509	7.72185965
##	49	2012-01-01	-7.26999083	-3.03621114	8.32230221
##	50	2012-04-01	-6.18161982	-3.22849132	7.50914147
##	51	2012-07-01	-9.29671898	-3.73046594	8.71104575
##	52	2012-10-01	-8.90587436	-4.22897681	9.25790629
##	53	2013-01-01	-7.46532510	-5.42407977	9.91975233
##	54	2013-04-01	-6.91076371	-3.24907777	7.33995211
##	55	2013-07-01	-6.45957224	-4.05749487	6.63730020
##	56	2013-10-01	-5.32726772	-4.77089113	6.63321338
##	57	2014-01-01	-5.49015565	-3.63727692	6.67410416
##	58	2014-04-01	-5.82452301	-4.11711369	8.01907200
##	59	2014-07-01	-5.31866651	-4.44480468	7.85827407
##	60	2014-10-01	-5.34359337	-5.28207193	7.70280328
##	61	2015-01-01	-5.73186547	-6.09062471	8.75699353
##	62	2015-04-01	-7.26566123	-5.83294875	8.83112890
##	63	2015-07-01	-6.71647105	-5.99751695	9.71568296
##	64	2015-10-01	-6.14701445	-5.91757264	9.79769631
##	65	2016-01-01	-6.29572463	-5.98437577	10.02125610
##	66	2016-04-01	-5.93880536	-7.24040469	10.36946803
##	67	2016-07-01	-4.68681073	-7.79581948	10.55072883
##	68	2016-10-01	-5.62939966	-6.33897500	9.54473602
##	69	2017-01-01	-5.18598997	-7.16388974	8.61834050
##	70	2017-04-01	-5.70982895	-6.76664388	7.42597129
##	71	2017-07-01	-5.41880606	-6.81140464	6.90706079
##	72	2017-10-01	-2.33755636	-6.98267692	7.30278416
##	73	2018-01-01	-2.35988757	-8.20819239	9.03496548

```
## 74 2018-04-01 -2.16598217 -8.50829970 8.22605911
## 75 2018-07-01 -2.89383712 -8.56080913 8.39884319
## 76 2018-10-01 -3.40683683 -8.71542777 6.40685871
## 77 2019-01-01 -2.77370890 -10.19246456 6.39394369
## 78 2019-04-01 -2.00208367 -11.00407447 5.16825357
## 79 2019-07-01 -1.94732651 -10.78637244 3.84542269
## 80 2019-10-01 -0.84882039 -10.24892129 5.28405925
## 81 2020-01-01 0.48066897 -12.22752172 4.89572691
## 82 2020-04-01 0.89337726 -14.27318801 4.71971441
## 83 2020-07-01 1.14655430 -13.83418090 4.16003536
## 84 2020-10-01 1.03638326 -13.89734754 2.71646084
## 85 2021-01-01 -0.67118562 -13.01139688 1.48637490
## 86 2021-04-01 -0.54084923 -13.58548398 0.86556877
## 87 2021-07-01 -0.26414361 -14.63861451 -0.35708722
## 88 2021-10-01 -0.42869960 -13.26559889 -0.01747596
## 89 2022-01-01 -0.97009639 -13.93888978 0.51527464
## 90 2022-04-01 0.49765320 -13.16716113 0.79111193
## 91 2022-07-01 0.88380127 -13.75460190 0.40926110
## 92 2022-10-01 1.42585815 -15.53777775 0.84842389
```

```
> ev$viewsr3_ols_equation_table
```

```
## NULL
```

```
> ls(envir = ev)
```

```
## [1] "page1" "page1_ols_equation"
```

```
## [3] "page1_ols_equation_table"
```

```
## Warning in dir.create("EviewsR_files/"): 'EviewsR_files' already exists
```

```
> ev$page1 |> head()
```

```
##      date      x      y      z
## 1 2000-01-01 0.7681019 -0.3294139 0.4174293
## 2 2000-04-01 0.4008965 1.6194153 0.4749295
## 3 2000-07-01 1.2397631 4.5562985 1.1745098
## 4 2000-10-01 1.6740317 5.0347062 0.5978278
## 5 2001-01-01 1.6159152 5.7896058 1.4269032
## 6 2001-04-01 2.3870980 4.9880121 1.0053094
```

```
> ev$page2 |> head()
```

```
## NULL
```

```
> ev$viewsr3 |> head()
```

```
## NULL
```

```
> eviews_import(source_description = "EviewsR_Files/EviewsR_eviews_import.csv", frequency = "m", start_da
```

```
> eviews_import(source_description = "EviewsR_files/EviewsR_eviews_import.csv", smpl_string = "1990m10 1"
+ rename_string = "x x2")
```

```
> import_workfile('eviewsr1', graph="*", graph_procs = 'template midnight', page='eviewsr3')
```

```
> import_graph('eviewsr1', graph="*", graph_procs = 'template midnight')
```

```
> eviews12$page1
```

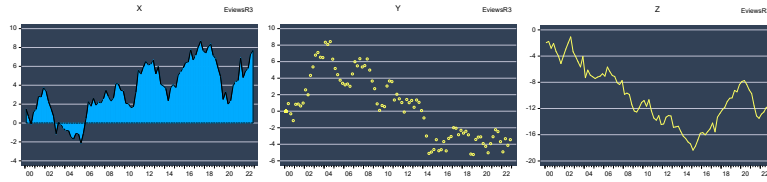


Figure 2: rotated

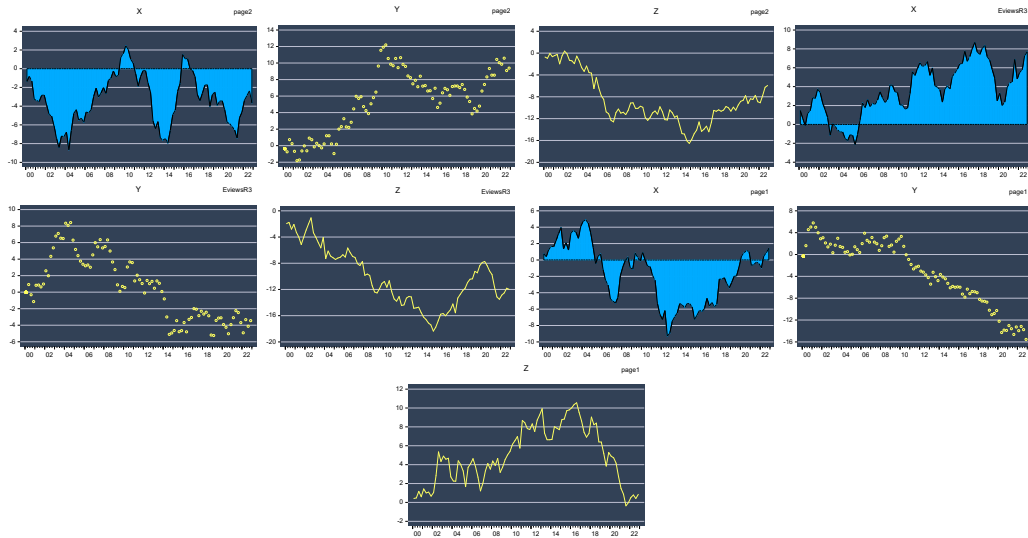


Figure 3: imported

```
## NULL
```

```
> evIEWS12$page2_ols_equation
```

```
## NULL
```

```
> evIEWS12$evIEWSr3
```

##	date	x	y	z
## 1	2000-01-01	1.4715488	-0.01507448	-1.958391
## 2	2000-04-01	0.6663254	0.92435251	-1.767156
## 3	2000-07-01	-0.1165642	-0.31041710	-2.809193
## 4	2000-10-01	1.1831861	-1.13518718	-2.070197
## 5	2001-01-01	1.4543057	0.84137151	-3.288139
## 6	2001-04-01	2.8350066	0.87414362	-4.006499
## 7	2001-07-01	2.7552840	0.63602645	-5.146504
## 8	2001-10-01	3.7325903	0.98915011	-4.038951
## 9	2002-01-01	3.3755147	2.58974746	-2.942921
## 10	2002-04-01	2.2646148	1.99051370	-1.997166
## 11	2002-07-01	1.5536532	4.33656827	-1.082763
## 12	2002-10-01	0.7285358	5.36772525	-3.351021
## 13	2003-01-01	-1.1487379	6.79024897	-4.058475
## 14	2003-04-01	0.0756670	7.10707089	-4.872527
## 15	2003-07-01	-0.2074734	6.53866021	-5.658829
## 16	2003-10-01	-0.5890775	6.49505929	-4.065387
## 17	2004-01-01	-0.8105882	8.34556546	-7.292891

##	18	2004-04-01	-0.7986688	8.08380346	-6.146166
##	19	2004-07-01	-1.4970366	8.42497429	-6.910929
##	20	2004-10-01	-1.7254444	6.30227205	-7.155403
##	21	2005-01-01	-1.1069940	5.17188271	-7.420875
##	22	2005-04-01	-1.1581773	4.42420281	-7.203262
##	23	2005-07-01	-2.1423402	3.76107666	-7.073255
##	24	2005-10-01	-1.0700149	3.38470473	-6.700477
##	25	2006-01-01	0.4922935	3.19014072	-7.067242
##	26	2006-04-01	2.2758809	3.29500325	-5.668890
##	27	2006-07-01	1.7809602	3.01842889	-6.374844
##	28	2006-10-01	2.6068602	4.51595717	-6.965321
##	29	2007-01-01	1.8978390	5.99537009	-7.117146
##	30	2007-04-01	2.2241351	5.49327760	-8.067172
##	31	2007-07-01	2.1292579	6.36312434	-8.348232
##	32	2007-10-01	2.5713346	5.35443248	-7.732522
##	33	2008-01-01	3.4684008	5.52411663	-9.839842
##	34	2008-04-01	2.8322149	6.32459559	-9.656370
##	35	2008-07-01	2.3243993	4.98640142	-9.863824
##	36	2008-10-01	2.6270788	3.65520859	-11.427579
##	37	2009-01-01	4.1635310	2.73290106	-12.387992
##	38	2009-04-01	4.1428346	0.89190931	-12.536590
##	39	2009-07-01	3.4634240	0.10642727	-11.895930
##	40	2009-10-01	3.3907107	0.69361833	-11.074665
##	41	2010-01-01	2.0755940	0.55705545	-10.790120
##	42	2010-04-01	2.0548912	3.04692616	-11.664030
##	43	2010-07-01	1.6379157	3.66411747	-10.667397
##	44	2010-10-01	1.7134503	3.58506566	-12.360352
##	45	2011-01-01	3.2749827	1.36284777	-13.453492
##	46	2011-04-01	5.5795706	2.05405891	-13.794088
##	47	2011-07-01	5.1864710	1.50461474	-13.082997
##	48	2011-10-01	5.9079242	1.05048701	-14.441925
##	49	2012-01-01	6.5326458	-0.10160553	-14.360204
##	50	2012-04-01	6.1553846	1.41944632	-13.319542
##	51	2012-07-01	6.2405644	1.03596837	-13.071349
##	52	2012-10-01	6.6715182	1.30810023	-13.138755
##	53	2013-01-01	5.2026464	0.48104915	-14.873426
##	54	2013-04-01	5.9740649	1.36449453	-14.799602
##	55	2013-07-01	4.1054042	1.07644458	-14.704225
##	56	2013-10-01	3.9314049	0.08025075	-15.495407
##	57	2014-01-01	3.6889364	-0.81225584	-16.210843
##	58	2014-04-01	2.3660998	-2.99684038	-16.574882
##	59	2014-07-01	3.7668793	-5.10836751	-17.120138
##	60	2014-10-01	4.0803774	-4.93664652	-17.410403
##	61	2015-01-01	3.7509546	-4.63372320	-18.349944
##	62	2015-04-01	5.0861728	-3.44126111	-17.754446
##	63	2015-07-01	5.4278893	-4.78122105	-16.787663
##	64	2015-10-01	5.8494551	-4.64997215	-15.777803
##	65	2016-01-01	6.4142150	-3.67288412	-15.680078
##	66	2016-04-01	6.4540977	-4.79400324	-16.019682
##	67	2016-07-01	7.7497843	-3.29185350	-15.538086
##	68	2016-10-01	6.6838669	-3.05772639	-15.097562
##	69	2017-01-01	7.1880028	-1.98784607	-14.216321
##	70	2017-04-01	8.0320619	-2.05874351	-15.555782
##	71	2017-07-01	8.6885820	-2.83618129	-13.318300


```
## 72 2017-10-01 7.6735891 -2.30232064 -12.744655
## 73 2018-01-01 7.4160044 -2.64928264 -12.194891
## 74 2018-04-01 8.0523111 -2.42471279 -11.810807
## 75 2018-07-01 8.3740619 -2.85535495 -10.949047
## 76 2018-10-01 7.1577210 -5.18527008 -10.441965
## 77 2019-01-01 6.8135944 -5.23807074 -10.373004
## 78 2019-04-01 5.8114601 -3.41816402 -9.230950
## 79 2019-07-01 4.9015216 -3.12922164 -9.460710
## 80 2019-10-01 2.5022427 -3.09696075 -8.344630
## 81 2020-01-01 3.3017471 -3.91107266 -7.883504
## 82 2020-04-01 2.0102168 -4.24187890 -7.731622
## 83 2020-07-01 2.3613528 -5.02500072 -8.346404
## 84 2020-10-01 3.9558349 -3.92170396 -9.173571
## 85 2021-01-01 4.3829746 -3.08050266 -9.734481
## 86 2021-04-01 4.5207766 -2.23382083 -11.623471
## 87 2021-07-01 6.8878322 -2.45950142 -13.132509
## 88 2021-10-01 4.8262172 -3.68350703 -13.499044
## 89 2022-01-01 5.5165146 -4.91049185 -12.859795
## 90 2022-04-01 5.7916923 -3.32541680 -12.522644
## 91 2022-07-01 7.3030365 -4.12370535 -11.805981
## 92 2022-10-01 7.7008449 -3.43858470 -11.990408
```

```
> import_workfile(wf="EviewsR1",page = "EviewsR3")
> import$evIEWSr3
```

```
## NULL
```

```
> # evIEWS$importedDataFrame %>% head
```

```
>
```

```
> # kable(head(evIEWS$importedDataFrame),
```

```
> # caption="Imported series converted to table",booktabs=T,linesep="") %>% kable_styling(latex_option
```

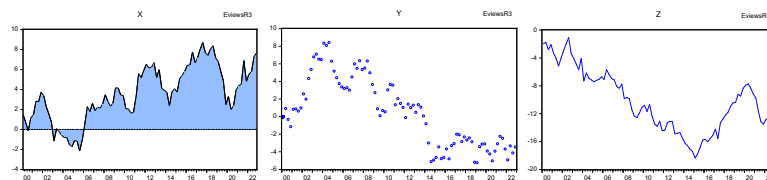


Figure 4: dd