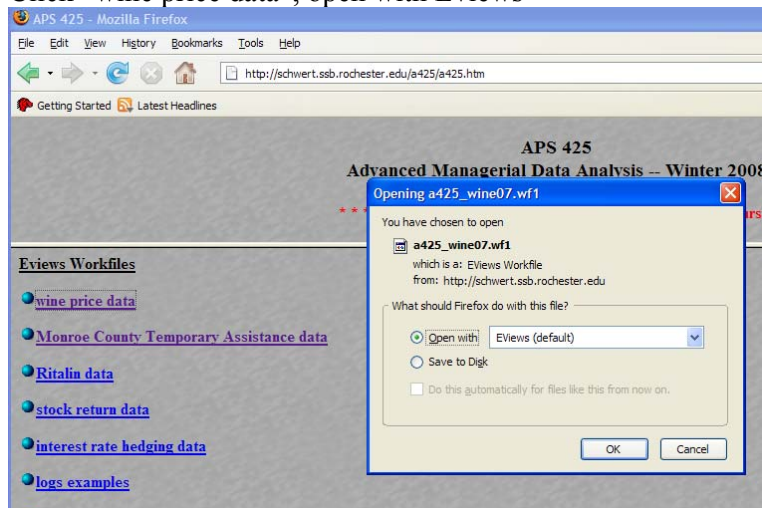
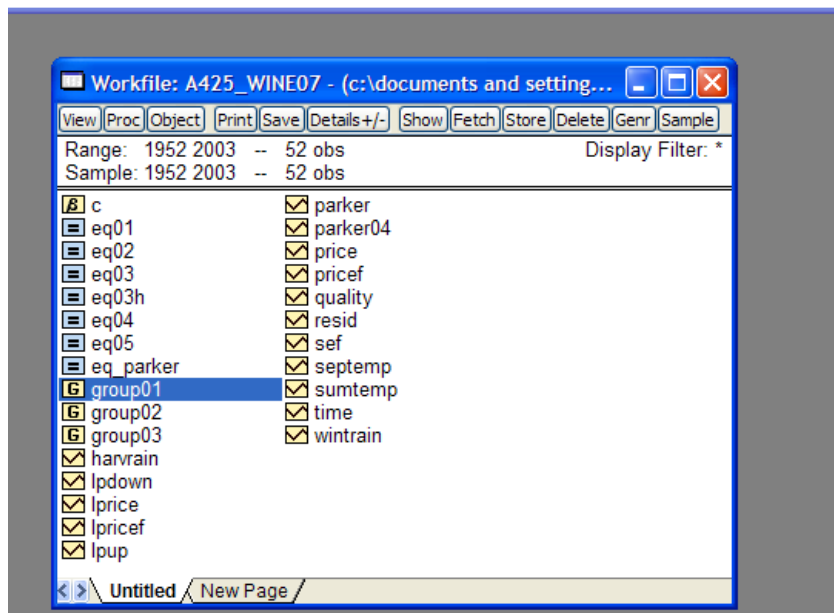
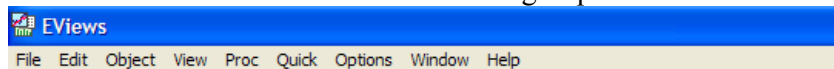


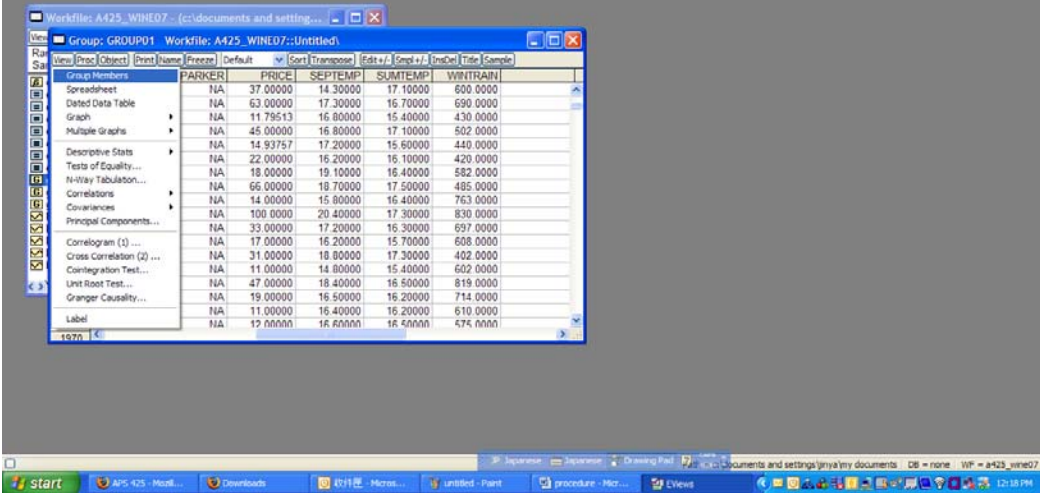
Click “wine price data”, open with EViews



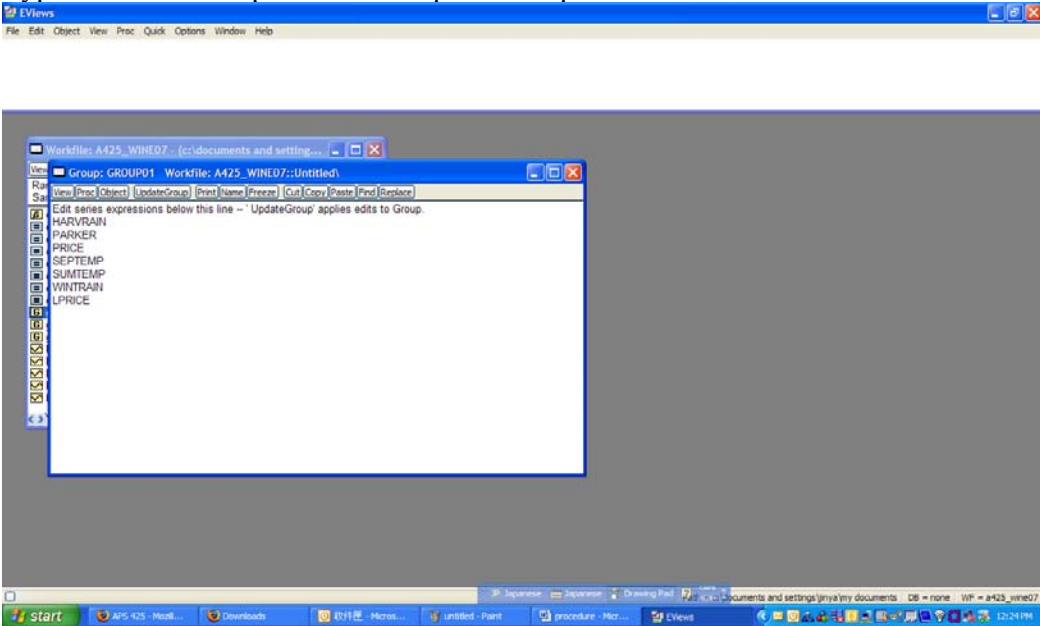
“EViews” will be launched. Double click “group01”.



“View” >> “Group members”



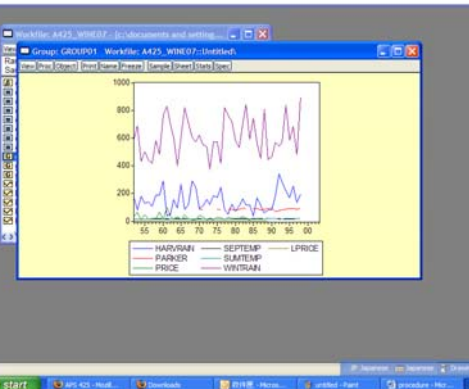
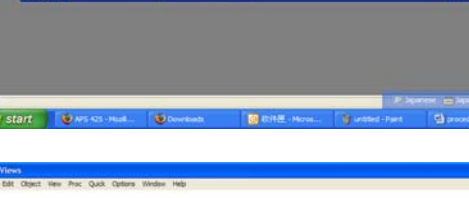
Type “LPRICE” >> press button”UpdateGroup”



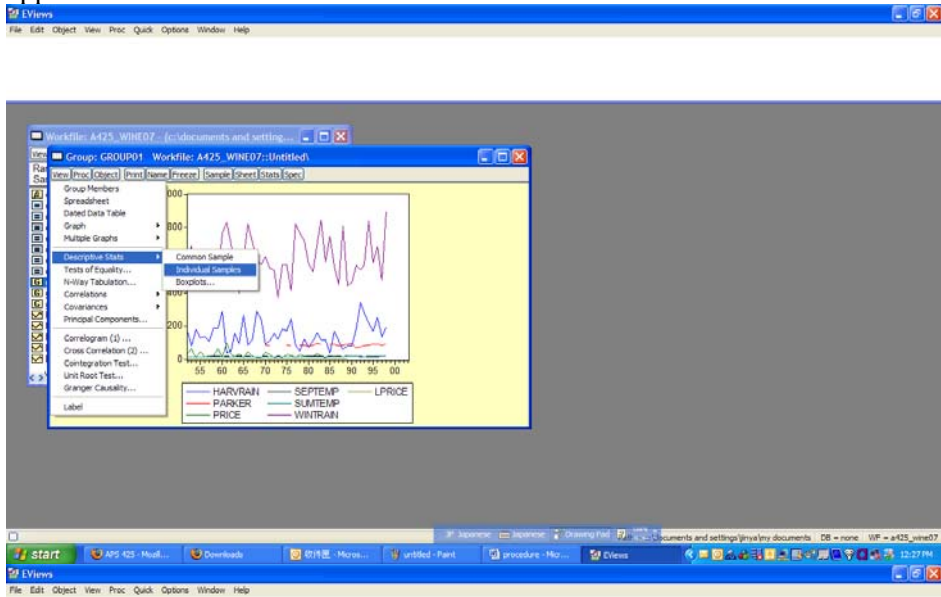
”View”>>”Spreadsheet”

Row	Col	HARVRAIN	PARKER	PRICE	SEPTEMP	SLUMTEMP	WINTRAIN	LPRICE
1952	150 0000	NA	37 00000	14 30000	17 10000	600 0000	3 610918	
1953	80 00000	NA	63 00000	17 30000	16 70000	690 0000	4 143135	
1954	180 0000	NA	11 79513	16 80000	15 40000	430 0000	2 467687	
1955	130 0000	NA	45 00000	16 80000	17 10000	502 0000	3 806662	
1956	140 0000	NA	14 93757	17 20000	15 60000	440 0000	2 703880	
1957	110 0000	NA	22 00000	16 20000	16 10000	420 0000	3 091042	
1958	187 0000	NA	18 00000	19 10000	16 40000	582 0000	2 890372	
1959	187 0000	NA	65 00000	18 70000	17 50000	485 0000	4 189655	
1960	290 0000	NA	14 00000	15 80000	16 40000	763 0000	2 639057	
1961	38 00000	NA	100 0000	20 40000	17 30000	830 0000	4 605170	
1962	52 00000	NA	33 00000	17 20000	16 30000	697 0000	3 496508	
1963	155 0000	NA	17 00000	16 20000	15 70000	608 0000	2 833213	
1964	96 00000	NA	31 00000	18 80000	17 30000	402 0000	3 433987	
1965	267 0000	NA	11 00000	14 80000	15 40000	602 0000	2 397895	
1966	86 00000	NA	47 00000	18 40000	16 50000	819 0000	3 850148	
1967	118 0000	NA	19 00000	16 50000	16 20000	714 0000	2 944439	
1968	292 0000	NA	11 00000	16 40000	16 20000	610 0000	2 397895	
1969	244 0000	NA	17 00000	16 60000	16 40000	574 0000	2 484907	
1970								

“View” >> “Graph” [or “Multiple Graph”] >> “line” >> Graphs show up.



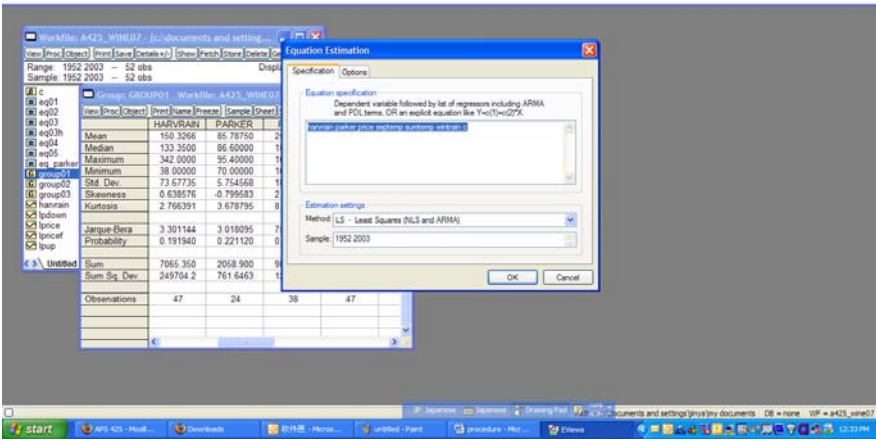
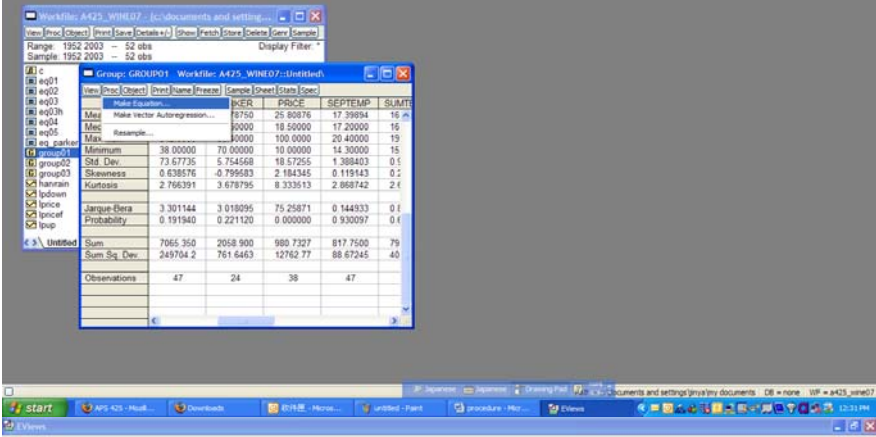
“View” >> “Descriptive Stats” >> “Individual Samples” >> descriptive statistics appears.



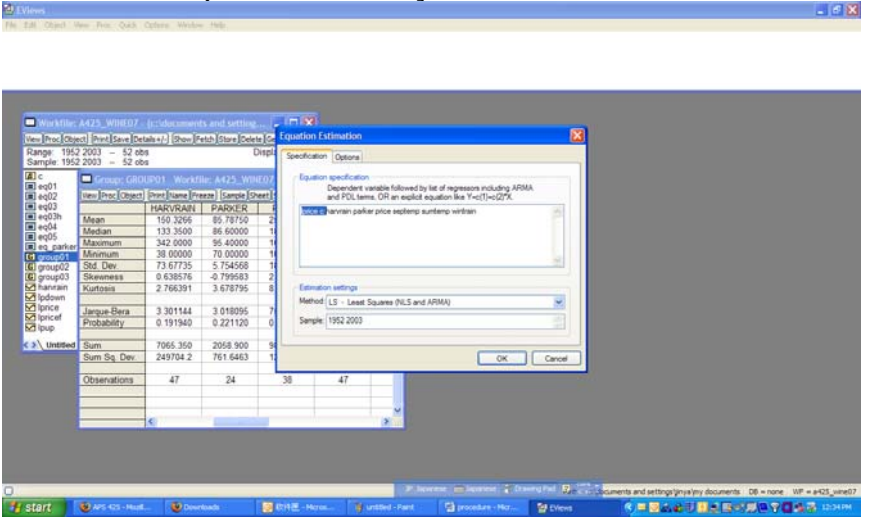
The screenshot shows the JView software interface displaying a descriptive statistics table. The table has columns for HARVRAIN, PARKER, PRICE, SEPTEMP, SUMTEMP, WINTRAIN, and LPRICE. The rows represent various statistical measures. The 'Observations' row shows 47 observations for HARVRAIN, 24 for PARKER, 38 for PRICE, 47 for SEPTEMP, 47 for SUMTEMP, and 47 for WINTRAIN.

	HARVRAIN	PARKER	PRICE	SEPTEMP	SUMTEMP	WINTRAIN	LPRICE
Mean	150.3266	85.78750	25.80876	17.39894	16.87563	609.1681	3.0
Median	133.3500	86.60000	18.50000	17.20000	16.80000	582.0000	2.9
Maximum	342.0000	95.40000	100.0000	20.40000	19.00000	897.0000	4.6
Minimum	38.00000	70.00000	10.00000	14.30000	15.00000	376.0000	2.3
Std. Dev	73.67735	5.754568	18.57255	1.388403	0.932593	136.5866	0.5
Skewness	0.638576	-0.799583	2.184345	0.119143	0.270208	0.315587	0.7
Kurtosis	2.766391	3.678795	8.333513	2.868742	2.604295	2.166150	2.9
Jarque-Bera	3.301144	3.018095	75.25871	0.144933	0.878570	2.141804	3.5
Probability	0.191940	0.221120	0.000000	0.930097	0.644497	0.342699	0.1
Sum	7065.350	2058.900	980.7327	817.7500	793.1500	28630.90	116
Sum Sq. Dev.	249704.2	761.6463	12762.77	88.67245	40.00756	853204.8	12
Observations	47	24	38	47	47	47	

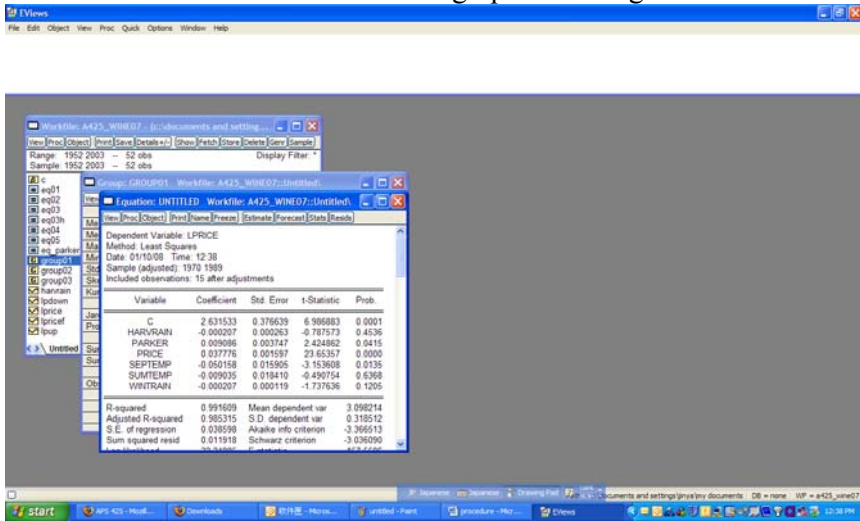
“Proc” button >> “Make Equation” >> Equation Estimation tab appears.



Type “lprice c” in the left side of the input space [as highlighted] [the first item (left side, “lprice” in this case) is dependent variables, and “c” expresses constant. The rest of items are independent variables]



Press “OK” >> Statistic result shows up. “the buttons above such as “forecast”, “stats” and “resides” show results or graph of the regression.



1. Start from scratch.

Download the excel data from class web. Download spreadsheet. Save it.

APS 425
Advanced Managerial Data Analysis – Winter 2008

***Warning --Check the date on each page linked to this course.
These pages are updated frequently.***

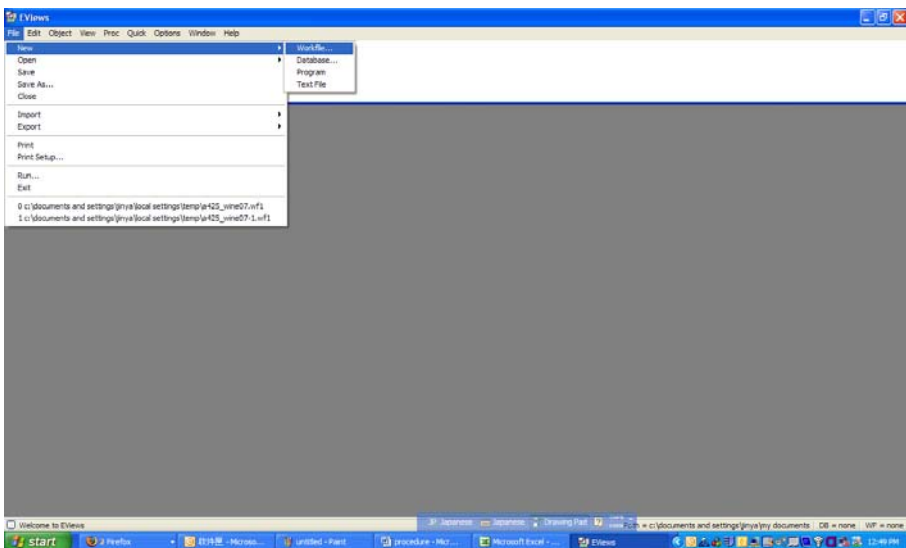
Quality Results, 1952-98
Quality Results, 1952-98
Quality Results, 1952-98
Quality Results, 1952-98
Quality Results, 1952-98
(6) How would you forecast prices from 1990-98?
Forecast Prices, 1952-98
Conclusions
Conclusions
Conclusions
Links

APS 425 – Winter 2008

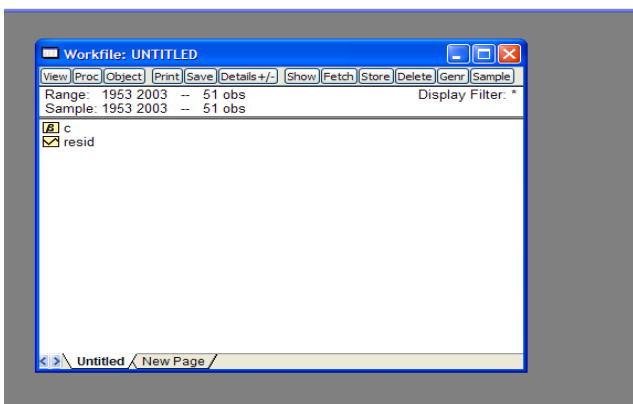
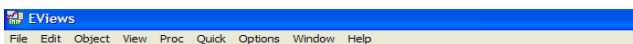
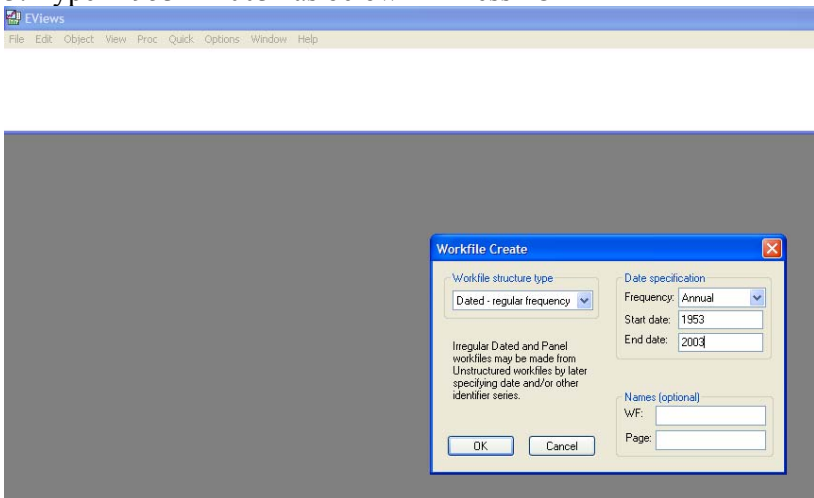
Multiple Regression Review

Instructor: G. William Schwert
275-2470
schwert@schwert.simon.rochester.edu

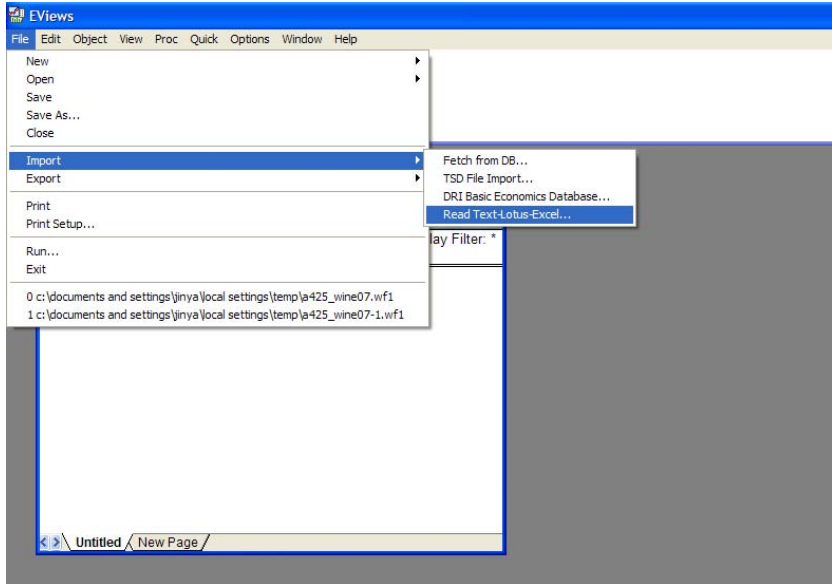
2. Launch Eviews >> “File” >> “New” >> “Workfile”



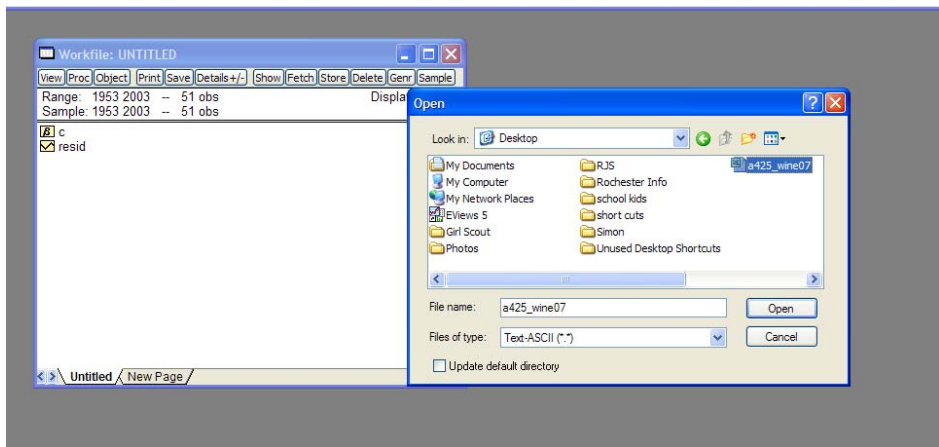
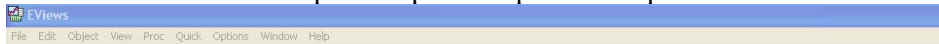
3. Type “1953” “2003” as below >> Press “OK”

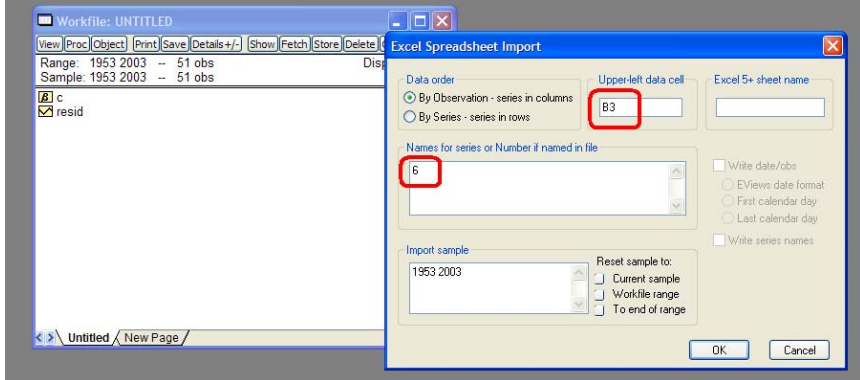


“File” >> “Import” >> “Read Text-Lotus-Excel”

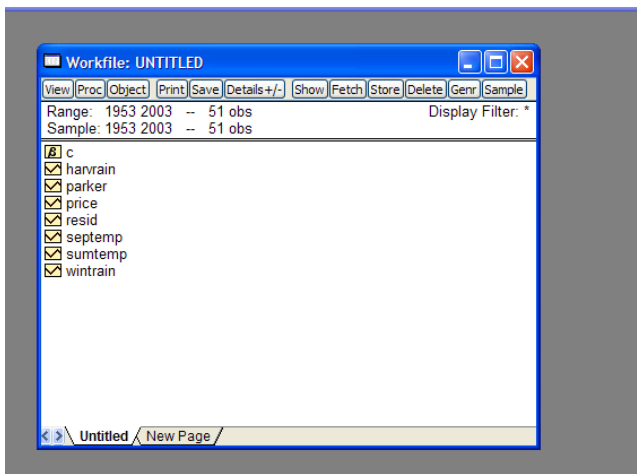
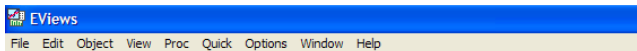


Select the excel file to import >> press “Open” >> Input as circled in red below.

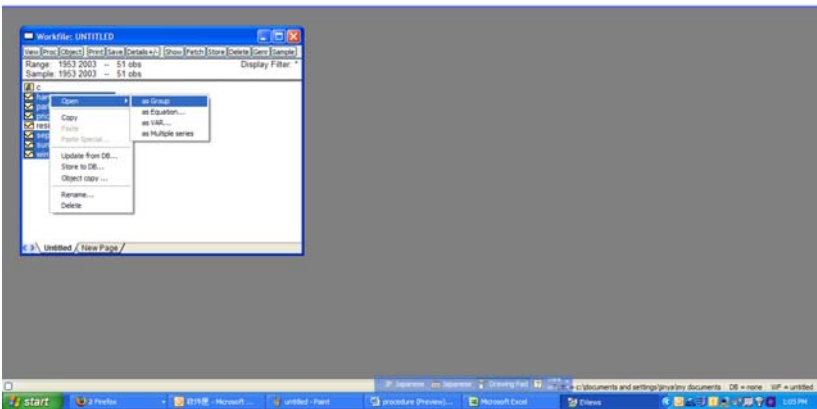
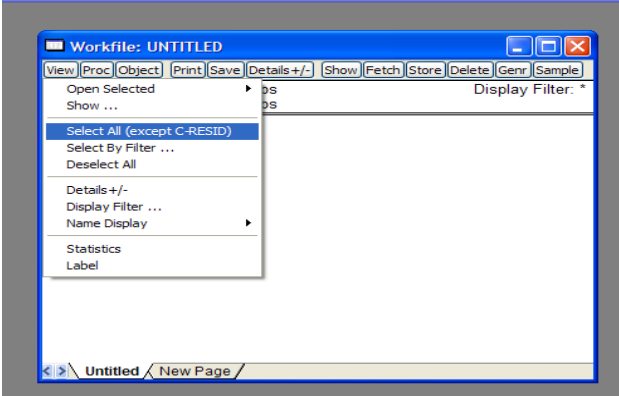




Shown as below



Select the function as below.



Spreadsheet shows up as below.

Workfile: UNTITLED

Group: UNTITLED Workfile: UNTITLED::Untitled\

View Proc Object Print Name Freeze Default Sort Transpose Edit+/- Smpl+/- Ins

obs	HARVRAIN	PARKER	PRICE	SEPTEMP	SUMTEMP
1953	160.0000	NA	37.00000	14.30000	17.10000
1954	80.00000	NA	63.00000	17.30000	16.70000
1955	180.0000	NA	11.79513	16.80000	15.40000
1956	130.0000	NA	45.00000	16.80000	17.10000
1957	140.0000	NA	14.93757	17.20000	15.60000
1958	110.0000	NA	22.00000	16.20000	16.10000
1959	187.0000	NA	18.00000	19.10000	16.40000
1960	187.0000	NA	66.00000	18.70000	17.50000
1961	290.0000	NA	14.00000	15.80000	16.40000
1962	38.00000	NA	100.0000	20.40000	17.30000
1963	52.00000	NA	33.00000	17.20000	16.30000
1964	155.0000	NA	17.00000	16.20000	15.70000
1965	96.00000	NA	31.00000	18.80000	17.30000
1966	267.0000	NA	11.00000	14.80000	15.40000
1967	86.00000	NA	47.00000	18.40000	16.50000
1968	118.0000	NA	19.00000	16.50000	16.20000
1969	292.0000	NA	11.00000	16.40000	16.20000
1970	244.0000	NA	12.00000	16.60000	16.50000
1971					