“How can I translate a file into a Postscript file?”

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Translating a file into a Postscript file involves converting a document from its original format into the Postscript language, which is a widely used printing and imaging standard. This process can be achieved through various methods, such as using specialized software or online tools that allow for easy conversion. By converting a file into a Postscript format, users can ensure that the document is compatible with different printers and can be printed with high-quality resolution. Furthermore, Postscript files are also commonly used for creating graphics and illustrations, making it a versatile option for various purposes. In summary, translating a file into a Postscript file offers a convenient and efficient way to produce professional-looking documents for printing or digital use.

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How can I translate a file into a Postscript file? | Stata FAQ

Sometimes you might want to convert a file into a postscript file.
For example, you might want to convert the Stata help file on regress
command into a postscript file so you can read it any time you want even
without Stata. Or you might want to convert the output to the Result window
into a postscript file. Here are some examples on converting different types
of Stata files into postscript files.

Example 1 - Converting a help file into a postscript file

We want to study iverg command and would want to convert the help

file into a postscript file. Here is what we can do. First, we have to
locate the physical location of the help file for ivreg command. We use the
Stata command findfile. One of the features of this command is that
it stores the path in a macro variable. So we can do a "return list" to see
what is being stored, this saves us from having to type or cut and paste the
file path, although doing either one would also work. The last thing is to "translate" the help file into a postscript file named ivreg.ps.

```
findfile ivreg.hlp
C:stata9Stata9adobase/i/ivreg.hlp

return list


macros:
r(fn) : "C:stata9Stata9adobase/i/ivreg.hlp"

translate "`r(fn)'" ivreg.ps, translator(smcl2ps)
(file ivreg.ps written in PostScript format)
```

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Example 2 - Converting the output from Results Window to a text file

Let's say that you have run a bunch of analyses and then you realize that
you forgot to open a log file to capture all the results. Stata offers a
neat and simple solution with the translate command. In the example
run below, we have run a regression analysis and a summarize command. We
then use the translate command to output everything from the
Results Window to a text file, called mylog.txt. The keyword is @Results,
which is to say everything from the Results Window.Atthe
end, we use type command to show the content of mylog.txt. As you can
see, Stata literally dumps everything in the Results window to this file.

use https://stats.idre.ucla.edu/stat/stata/notes/hsb2
(highschool and beyond (200 cases))

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reg write math female

Source | SS df MS Number of obs = 200
----------+---------- F(2, 197) = 82.81
Model | 8165.58839 2 4082.79419 Prob > F = 0.0000
Residual | 9713.28661 197 49.3060234 R-squared = 0.4567
----------+---------- Adj R-squared = 0.4512
Total | 17878.875 199 89.843593 Root MSE = 7.0218

--
write | Coef. Std. Err. t P>|t|
----------+--
math | .6328663 .0531548 11.91 0.000 .5280407 .7376918
female | 5.218377 .9975118 5.23 0.000 3.251205 7.185549
_cons | 16.61374 2.908957 5.71 0.000 10.87705 22.35043
--

sum

Variable | Obs Mean Std. Dev. Min Max
----------+---
id | 200 100.5 57.87918 1 200
female | 200 .545 .4992205 0 1

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race | 200 3.43 1.039472 1 4

ses | 200 2.055 .7242914 1 3

schtyp | 200 1.16 .367526 1 2

----------+----------

prog | 200 2.025 .6904772 1 3

read | 200 52.23 10.25294 28 76

write | 200 52.775 9.478586 31 67

math | 200 52.645 9.368448 33 75

science | 200 51.85 9.900891 26 74

----------+----------

socst | 200 52.405 10.73579 26 71

translate @Results mylog.txt

(file mylog.txt written in .txt format)

type mylog.txt

___ _____ _____ _____tm

/__ / ____/ /_____/

___/ / /___/ / /___/

Statistics/Data Analysis

___ _____ _____ _____ _____ tm

/__ / ____/ / _____/

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Statistics/Data Analysis StataCorp

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979-696-4601 (fax)

Notes:
1. (/m# option or -set memory-) 1.00 MB allocated to data

1 . cd stata
d:DATAstata

2 . use hsb2
(highschool and beyond (200 cases))

3 . reg write math female

Source | SS df MS Number of obs = 200
----------+---------- F(2, 197) = 82.81
Model | 8165.58839 2 4082.79419 Prob > F = 0.0000
Residual | 9713.28661 197 49.3060234 R-squared = 0.4567
----------+---------- Adj R-squared = 0.4512
Total | 17878.875 199 89.843593 Root MSE = 7.0218

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---

write | Coef. Std. Err. t P>|t|

----------+----------

math | .6328663 .0531548 11.91 0.000 .5280407 .7376918

female | 5.218377 .9975118 5.23 0.000 3.251205 7.185549

_cons | 16.61374 2.908957 5.71 0.000 10.87705 22.35043

---

4 . sum

Variable | Obs Mean Std. Dev. Min Max

----------+----------

id | 200 100.5 57.87918 1 200

female | 200 .545 .4992205 0 1

race | 200 3.43 1.039472 1 4

ses | 200 2.055 .7242914 1 3

schtyp | 200 1.16 .367526 1 2

----------+----------

prog | 200 2.025 .6904772 1 3

read | 200 52.23 10.25294 28 76

write | 200 52.775 9.478586 31 67

math | 200 52.645 9.368448 33 75

science | 200 51.85 9.900891 26 74

----------+----------

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socst | 200 52.405 10.73579 26 71

5 . translate @Results mylog.txt

Example 3 - Converting the output from Results Window to a postscript
file

Following the previous example, if you want to convert the output from
the Results Window directly to a postscript file, instead of a text file,
you can do it in a similar way. Here it is. We need to tell Stata the
translator to use is from Results to postscript by using the option trans(Results2ps). That is all to it. The postscript file myout.ps is
created as we have expected.

translate @Results myout.ps, trans(Results2ps)
(file myout.ps written in PostScript format)

Example 4 - Converting any text file into postscript file

Let's say that you want to convert a text file into a postscript file, it

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can be actually any text file. You can use Stata's translate command
to convert it to a postscript file. Here is an example. Earlier on, we
saved a text file called test.out with the result of a regression analysis
using the estout command. Below we the type command to display
the content of this text file. Next we used translate command
to convert it to a postscript file.

type test.out
writing score
math score 0.400
(5.53)**
reading score 0.307
(4.61)**
ses==2 -0.922
(0.72)
ses==3 -0.032
(0.02)
Constant 16.108
(5.20)**

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Observations 200

R-squared 0.45

Test1 F 0.54

Test2 F 0.53

Absolute value of t statistics in parentheses

*** significant at 5%; ** significant at 1%**

translate test.out test.ps, trans(txt2ps) replace

(file test.ps written in PostScript format)

This is how it looks in the postscript file format.

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Statistics/Data Analysis

```
        writing score
math score      0.400
        (5.53)**
reading score   0.307
        (4.61)**
ses==2  -0.922
        (0.72)
ses==3  -0.032
        (0.02)
Constant        16.108
        (5.20)**
Observations    200
R-squared       0.45
Test1 F 0.54
Test2 F 0.53
Absolute value of t statistics in parentheses
* significant at 5%; ** significant at 1%
```

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