

Subject and author index

This is the subject and author index for the *Data-Management Reference Manual*. Readers interested in topics other than data management should see the combined subject index (and the combined author index) in the *Quick Reference and Index*. The combined index indexes the *Getting Started* manuals, the *User's Guide*, and all the reference manuals except the *Mata Reference Manual*.

Semicolons set off the most important entries from the rest. Sometimes no entry will be set off with semicolons, meaning that all entries are equally important.

*, clear subcommand, [D] **clear**

A

.a, .b, . . . , .z, see missing values
abbrev() string function, [D] **functions**
 Abramowitz, M., [D] **functions**
abs() function, [D] **functions**
 absolute value function, see **abs()** function
 Access, Microsoft, reading data from, [D] **odbc**
acos() function, [D] **functions**
acosh() function, [D] **functions**
 addition across
 observations, [D] **egen**
 variables, [D] **egen**
ado, clear subcommand, [D] **clear**
aggregate
 functions, [D] **egen**
 statistics, dataset of, [D] **collapse**
 Ahrens, J. H., [D] **functions**
all, clear subcommand, [D] **clear**
 alphabetizing
 observations, [D] **sort**; [D] **gsort**
 variable names, [D] **order**
 variables, [D] **sort**
 alphanumeric variables, [D] **infile (free format)**
 Andrews, D. F., [D] **egen**
anycount(), **egen** function, [D] **egen**
anymatch(), **egen** function, [D] **egen**
anyvalue(), **egen** function, [D] **egen**
append command, [D] **append**
_append variable, [D] **append**
appending
 data, [D] **append**
 files, [D] **copy**
 arccosine, arcsine, and arctangent functions,
 [D] **functions**
 ASCII,
 reading data in, [D] **infile**, [D] **infile (fixed format)**,
 [D] **infile (free format)**, [D] **infix (fixed format)**,
 [D] **insheet**
 saving data in, [D] **outfile**, [D] **outsheet**

asin() function, [D] **functions**
asinh() function, [D] **functions**
assert command, [D] **assert**
atan() function, [D] **functions**
atan2() function, [D] **functions**
atanh() function, [D] **functions**
 Atkinson, A. C., [D] **functions**
autocode() function, [D] **functions**
 averages, see **means**

B

b() function, [D] **functions**
 Babu, A. J. G., [D] **functions**
 Balakrishnan, N., [D] **functions**
 Baum, C. F., [D] **cross**, [D] **fillin**, [D] **joinby**,
 [D] **reshape**, [D] **separate**, [D] **stack**, [D] **xpose**
 Best, D. J., [D] **functions**
beta
 density,
 central, [D] **functions**
 noncentral, [D] **functions**
 distribution,
 cumulative, [D] **functions**
 cumulative noncentral, [D] **functions**
 inverse cumulative, [D] **functions**
 inverse cumulative noncentral, [D] **functions**
 inverse reverse cumulative, [D] **functions**
 reverse cumulative, [D] **functions**
 function
 complement to incomplete, [D] **functions**
 incomplete, [D] **functions**
betaden() function, [D] **functions**
 Bickel, P. J., [D] **egen**
binomial
 distribution,
 cumulative, [D] **functions**
 inverse cumulative, [D] **functions**
 inverse reverse cumulative, [D] **functions**
 reverse cumulative, [D] **functions**
 probability mass function, [D] **functions**
binomial() function, [D] **functions**
binomialp() function, [D] **functions**
binomialtail() function, [D] **functions**
binormal() function, [D] **functions**
 bivariate normal function, [D] **functions**
 blanks, removing from strings, [D] **functions**
 Blasnik, M., [D] **clonevar**, [D] **split**, [D] **statsby**
 Brady, T., [D] **edit**
 Bray, T. A., [D] **functions**
 browse command, [D] **edit**
 by-groups, [D] **by**, [D] **statsby**
 by *varlist*: prefix, [D] **by**
 bysort varlist: prefix, [D] **by**
 byte, [D] **data types**
byteorder() function, [D] **functions**

C

- c() pseudofunction, [D] **functions**
- c(checksum) c-class value, [D] **checksum**
- c(dp) c-class value, [D] **format**
- c(maxvar) c-class value, [D] **memory**
- c(memory) c-class value, [D] **memory**
- c(type) c-class value, [D] **generate**
- c(virtual) c-class value, [D] **memory**
- _caller() pseudofunction, [D] **functions**
- Cappellari, L., [D] **corr2data**, [D] **egen**
- casewise deletion, [D] **egen**
- cat command, [D] **type**
- categorical data, [D] **egen**, [D] **recode**
- cd command, [D] **cd**
- Cdhms() function, [D] **dates and times**, [D] **functions**
- ceil() function, [D] **functions**
- ceiling function, [D] **functions**
- centiles, see percentiles
- certifying data, [D] **assert**, [D] **count**, [D] **datasignature**, [D] **inspect**
- cf command, [D] **cf**
- changeeol command, [D] **changeeol**
- changing
 - data, see editing data
 - directories, [D] **cd**
- char() string function, [D] **functions**
- character
 - data, see string variables
 - variables, [D] **infile (free format)**
- chdir command, [D] **cd**
- check,
 - icd9 subcommand, [D] **icd9**
 - icd9p subcommand, [D] **icd9**
- checking data, [D] **assert**
- checkpoint, [D] **snapshot**
- checksum, set subcommand, [D] **checksum**
- checksum command, [D] **checksum**
- checksums of data, [D] **checksum**, [D] **datasignature**
- chi2() function, [D] **functions**
- chi2tail() function, [D] **functions**
- chi-squared distribution,
 - cumulative, [D] **functions**
 - cumulative noncentral, [D] **functions**
 - inverse cumulative, [D] **functions**
 - inverse cumulative noncentral, [D] **functions**
 - inverse reverse cumulative, [D] **functions**
 - reverse cumulative, [D] **functions**
- Chms() function, [D] **dates and times**, [D] **functions**
- cholesky() matrix function, [D] **functions**
- chop() function, [D] **functions**
- Clayton, D. G., [D] **egen**
- clean,
 - icd9 subcommand, [D] **icd9**
 - icd9p subcommand, [D] **icd9**
- clear
 - * command, [D] **clear**
 - ado command, [D] **clear**
 - clear, *continue*
 - all command, [D] **clear**
 - command, [D] **clear**
 - mata command, [D] **clear**
 - matrix command, [D] **clear**
 - programs command, [D] **clear**
 - results command, [D] **clear**
 - clear, *datasignature* subcommand, [D] **datasignature**
 - clearing memory, [D] **clear**
 - clip() function, [D] **functions**
 - clist command, [D] **list**
 - Clock() function, [D] **dates and times**, [D] **functions**
 - clock() function, [D] **dates and times**, [D] **functions**
 - cloglog() function, [D] **functions**
 - clonevar command, [D] **clonevar**
 - clusters, duplicating, [D] **expandcl**
 - Cmdyhms() function, [D] **dates and times**, [D] **functions**
 - codebook command, [D] **codebook**
 - Cofc() function, [D] **dates and times**, [D] **functions**
 - cofC() function, [D] **dates and times**, [D] **functions**
 - Cofd() function, [D] **dates and times**, [D] **functions**
 - cofd() function, [D] **dates and times**, [D] **functions**
 - collapse command, [D] **collapse**
 - collect statistics, [D] **statsby**
 - colnumb() matrix function, [D] **functions**
 - colsof() matrix function, [D] **functions**
 - comb() function, [D] **functions**
 - combinatorials, calculating, [D] **functions**
 - combining datasets, [D] **append**, [D] **cross**, [D] **joinby**, [D] **merge**
 - commands, repeating automatically, [D] **by**
 - commas, reading data separated by, [D] **insheet**; [D] **infile (fixed format)**, [D] **infile (free format)**
 - comments with data, [D] **notes**
 - compare command, [D] **compare**
 - comparing two
 - files, [D] **cf**
 - variables, [D] **compare**
 - compress command, [D] **compress**
 - compress files, [D] **zipfile**
 - concat(), *egen* function, [D] **egen**
 - cond() function, [D] **functions**
 - confirm, *datasignature* subcommand, [D] **datasignature**
 - contents of data, [D] **describe**; [D] **codebook**, [D] **labelbook**
 - contract command, [D] **contract**
 - conversion, file, [D] **filefilter**
 - copy and paste, [D] **edit**
 - copy command, [D] **copy**
 - copy, *label* subcommand, [D] **label**
 - copying variables, [D] **clonevar**
 - corr() matrix function, [D] **functions**
 - corr2data command, [D] **corr2data**
 - correcting data, see editing data

correlation, data generation, [D] **corr2data**,
 [D] **drawnorm**
 cos() function, [D] **functions**
 cosh() function, [D] **functions**
 cosine function, [D] **functions**
 count command, [D] **count**
 count(), **egen** function, [D] **egen**
 counts, making dataset of, [D] **collapse**
 covariate class, [D] **duplicates**
 Cox, N. J., [D] **by**, [D] **clonevar**, [D] **contract**,
 [D] **describe**, [D] **destring**, [D] **drop**,
 [D] **duplicates**, [D] **egen**, [D] **fillin**,
 [D] **functions**, [D] **rename**, [D] **reshape**,
 [D] **sample**, [D] **separate**, [D] **split**
 cross command, [D] **cross**
 cumulative distribution functions, [D] **functions**
 cut(), **egen** function, [D] **egen**

D

data, [D] **data types**
 appending, see appending data
 categorical, see categorical data
 certifying, see certifying data
 checksums of, see checksums of data
 combining, see combining datasets
 contents of, see contents of data
 displaying, see displaying data
 documenting, see documenting data
 editing, see editing data
 entering, see inputting data interactively; reading
 data from disk
 exporting, see exporting data
 extended missing values, see missing values
 generating, see generating data
 importing, see importing data
 inputting, see importing data
 labeling, see labeling data
 large, dealing with, see memory
 listing, see listing data
 loading, see inputting data interactively; reading data
 from disk
 missing values, see missing values
 range of, see range of data
 reading, see reading data from disk
 recoding, see recoding data
 rectangularizing, see rectangularize dataset
 reordering, see reordering data
 reorganizing, see reorganizing data
 restoring, see restoring data
 sampling, see sampling
 saving, see saving data
 stacking, see stacking data
 strings, see string variables
 summarizing, see summarizing data
 time-series, see time-series analysis
 transposing, see transposing data
 verifying, see certifying data

Data Editor, [D] **edit**
 copy and paste, [D] **edit**
 data entry, [D] **infile (fixed format)**, [D] **infile (free
 format)**, [D] **input**
 data, label subcommand, [D] **label**
 data signature, [D] **datasignature**
 data transfer, [D] **infile (fixed format)**, [D] **infile (free
 format)**
 database, reading data from other software, [D] **odbc**
 dataset,
 adding notes to, [D] **notes**
 comparing, [D] **cf**
 creating, [D] **corr2data**, [D] **drawnorm**
 rectangularize, [D] **fillin**
 dataset labels, [D] **label**, [D] **label language**, [D] **notes**
 determining, [D] **codebook**, [D] **describe**
datasignature
 clear command, [D] **datasignature**
 command, [D] **datasignature**
 confirm command, [D] **datasignature**
 report command, [D] **datasignature**
 set command, [D] **datasignature**
 date
 and time stamp, [D] **describe**
 functions, [D] **dates and times**, [D] **functions**
 date() function, [D] **dates and times**, [D] **functions**
 dates and times, [D] **dates and times**
 David, H. A., [D] **egen**
 day() function, [D] **dates and times**, [D] **functions**
 .dct filename suffix, [D] **infile**
 decimal symbol, setting, [D] **format**
 decode command, [D] **encode**
 define, label subcommand, [D] **label**
 degree-to-radian conversion, [D] **functions**
 deleting
 casewise, [D] **egen**
 files, [D] **erase**
 variables or observations, [D] **drop**
 derivative of incomplete gamma function, [D] **functions**
 describe command, [D] **describe**
 describe, odbc subcommand, [D] **odbc**
 descriptive statistics,
 creating dataset containing, [D] **collapse**
 creating variables containing, [D] **egen**
 displaying, [D] **codebook**, [D] **pctile**
 destring command, [D] **destring**
 det() matrix function, [D] **functions**
 Devroye, L., [D] **functions**
 dgamma() function, [D] **functions**
 dgamma() function, [D] **functions**
 dgamma() function, [D] **functions**
 dgamma() function, [D] **functions**
 dgamma() function, [D] **functions**
 dhms() function, [D] **dates and times**, [D] **functions**
 diag() matrix function, [D] **functions**
 diag0cnt() matrix function, [D] **functions**
 diagnostic codes, [D] **icd9**

dictionaries, [D] **infile**, [D] **infile (fixed format)**,
[D] **infix (fixed format)**, [D] **outfile**

Dieter, U., [D] **functions**

diff(), **egen** function, [D] **egen**

digamma() function, [D] **functions**

digits, controlling the number displayed, [D] **format**

dir, label subcommand, [D] **label**

dir command, [D] **dir**

directories,
changing, [D] **cd**
creating, [D] **mkdir**
listing, [D] **dir**
removing, [D] **rmdir**

dispersion, measures of, [D] **ptest**

display formats, [D] **describe**, [D] **format**

displaying
contents, [D] **describe**
data, [D] **edit**, [D] **list**

distributions, examining, [D] **ptest**

documenting data, [D] **codebook**, [D] **labelbook**,
[D] **notes**

dofc() function, [D] **dates and times**, [D] **functions**

dofc() function, [D] **dates and times**, [D] **functions**

dofh() function, [D] **dates and times**, [D] **functions**

dofm() function, [D] **dates and times**, [D] **functions**

dofq() function, [D] **dates and times**, [D] **functions**

dofw() function, [D] **dates and times**, [D] **functions**

dofy() function, [D] **dates and times**, [D] **functions**

double, [D] **data types**

dow() function, [D] **dates and times**, [D] **functions**

doy() function, [D] **dates and times**, [D] **functions**

dp, set subcommand, [D] **format**

drawnorm command, [D] **drawnorm**

drop,
duplicates subcommand, [D] **duplicates**
label subcommand, [D] **label**
notes subcommand, [D] **notes**

drop command, [D] **drop**

dropping variables and observations, [D] **drop**

duplicate observations,
dropping, [D] **duplicates**
identifying, [D] **duplicates**

duplicates
drop command, [D] **duplicates**
examples command, [D] **duplicates**
list command, [D] **duplicates**
report command, [D] **duplicates**
tag command, [D] **duplicates**

duplicating
clustered observations, [D] **expandcl**
observations, [D] **expand**

E

e() scalars, macros, matrices, functions, [D] **functions**

e(sample) function, [D] **functions**

edit command, [D] **edit**

editing data, [D] **edit**, [D] **generate**, [D] **merge**,
[D] **recode**

egen command, [D] **egen**

e1() matrix function, [D] **functions**

encode command, [D] **encode**

end-of-line characters, [D] **changeeol**

ends(), **egen** function, [D] **egen**

entering data, see inputting data interactively; reading
data from disk

epsdouble() function, [D] **functions**

epsfloat() function, [D] **functions**

erase, snapshot subcommand, [D] **snapshot**

erase command, [D] **erase**

erasing files, [D] **erase**

error checking, [D] **assert**

Esman, R. M., [D] **egen**

examples, **duplicates** subcommand, [D] **duplicates**

Excel, Microsoft, reading data from, [D] **odbc**,
[D] **xmlsave**, also see spreadsheets, transferring

exec(), **odbc** subcommand, [D] **odbc**

exp() function, [D] **functions**

expand command, [D] **expand**

expandcl command, [D] **expandcl**

exponential function, [D] **functions**

exporting data, [D] **outfile**, [D] **outsheet**

extended memory, [D] **memory**

extrapolation, [D] **ipolate**

F

F() distribution function, [D] **functions**

F density,
central, [D] **functions**
noncentral, [D] **functions**

F distribution,
cumulative, [D] **functions**
inverse cumulative, [D] **functions**
inverse reverse cumulative, [D] **functions**
inverse reverse cumulative noncentral, [D] **functions**
reverse cumulative, [D] **functions**
reverse cumulative noncentral, [D] **functions**

factorial function, [D] **functions**

FDA (SAS XPORT) format, [D] **fdasave**

fdadescribe command, [D] **fdasave**

fdasave command, [D] **fdasave**; [D] **infile**

fdause command, [D] **fdasave**; [D] **infile**

Fden() function, [D] **functions**

file
conversion, [D] **filefilter**
modification, [D] **filefilter**
translation, [D] **filefilter**

filefilter command, [D] **filefilter**

filenames, displaying, [D] **dir**

files,
checksum of, [D] **checksum**
comparison, [D] **cf**
compress, [D] **zipfile**

files, *continued*

- copying and appending, [D] **copy**
- display contents of, [D] **type**
- downloading, [D] **checksum**
- erasing, [D] **erase**
- exporting, see exporting data
- importing, see importing data
- saving, [D] **fdasave**, [D] **save**
- uncompress, [D] **zipfile**

fill(), *egen* function, [D] **egen**

fillin command, [D] **fillin**

finding variables, [D] **lookfor**

Flannery, B. P., [D] **functions**

flist command, [D] **list**

float, [D] **data types**

float() function, [D] **functions**

floor() function, [D] **functions**

%fmts, [D] **format**

fmtwidth() function, [D] **functions**

folders, creating, [D] **mkdir**

format command, [D] **format**

formatting, setting, [D] **varmanage**

formats, [D] **dates and times**, [D] **describe**, [D] **format**

formatted data, reading, [D] **infile**, [D] **infile (fixed format)**, [D] **infile (free format)**, [D] **infix (fixed format)**, [D] **insheet**

formatting statistical output, [D] **format**

Franklin, C. H., [D] **cross**

frequencies, creating dataset of, [D] **collapse**, [D] **contract**

Ftail() function, [D] **functions**

functions, [D] **functions**

- aggregate, [D] **egen**

- combinatorial, [D] **functions**

- creating dataset of, [D] **collapse**, [D] **obs**

- date and time, [D] **functions**

- graphing, [D] **range**

- mathematical, [D] **functions**

- matrix, [D] **functions**

- programming, [D] **functions**

- random number, [D] **generate**

- statistical, [D] **functions**

- string, [D] **functions**

- time-series, [D] **functions**

G

gamma

- density function, [D] **functions**

- incomplete, [D] **functions**

- distribution

- cumulative, [D] **functions**

- inverse cumulative, [D] **functions**

- inverse reverse cumulative, [D] **functions**

- reverse cumulative, [D] **functions**

gammapden() function, [D] **functions**

gammap() function, [D] **functions**

gammaptail() function, [D] **functions**

generate,

- icd9 subcommand, [D] **icd9**

- icd9p subcommand, [D] **icd9**

generate command, [D] **generate**; [D] **egen**

generating data, [D] **generate**; [D] **egen**

Gentle, J. E., [D] **functions**

get() matrix function, [D] **functions**

Gleason, J. R., [D] **cf**, [D] **describe**, [D] **functions**, [D] **generate**, [D] **infile (fixed format)**, [D] **label**, [D] **notes**, [D] **order**

Goldstein, R., [D] **egen**

Gould, W. W., [D] **datasignature**, [D] **destring**,

- [D] **egen**, [D] **icd9**, [D] **infile (fixed format)**,

- [D] **reshape**

Govindarajulu, Z., [D] **functions**

graphs,

- functions, [D] **obs**, [D] **range**

- parameterized curves, [D] **range**

group(), *egen* function, [D] **egen**

gsort command, [D] **gsort**

H

hadamard() matrix function, [D] **functions**

Hadamard, J. S., [D] **functions**

Hakkio, C. S., [D] **egen**

halfyear() function, [D] **dates and times**, [D] **functions**

halfyearly() function, [D] **dates and times**, [D] **functions**

Hamilton, L. C., [D] **xpose**

Hampel, F. R., [D] **egen**

Hardin, J. W., [D] **statsby**

Harrison, D. A., [D] **list**

has_ureprop() function, [D] **functions**

haver command, [D] **infile**

Haynam, G. E., [D] **functions**

hexadecimal report, [D] **hexdump**

hexdump command, [D] **hexdump**

hh() function, [D] **dates and times**, [D] **functions**

hhC() function, [D] **dates and times**, [D] **functions**

Higbee, K. T., [D] **clonevar**

Hilbe, J. M., [D] **functions**

Hills, M., [D] **egen**

hms() function, [D] **dates and times**, [D] **functions**

hofd() function, [D] **dates and times**, [D] **functions**

hours() function, [D] **dates and times**, [D] **functions**

Huber, P. J., [D] **egen**

hypergeometric() function, [D] **functions**

hypergeometric,

- cumulative distribution, [D] **functions**

- probability mass function, [D] **functions**

hypergeometriccp() function, [D] **functions**

I

I() matrix function, [D] **functions**

ibeta() function, [D] **functions**
 ibetatail() function, [D] **functions**
 icd9
 check command, [D] **icd9**
 clean command, [D] **icd9**
 generate command, [D] **icd9**
 lookup command, [D] **icd9**
 query command, [D] **icd9**
 search command, [D] **icd9**
 icd9p
 check command, [D] **icd9**
 clean command, [D] **icd9**
 generate command, [D] **icd9**
 lookup command, [D] **icd9**
 query command, [D] **icd9**
 search command, [D] **icd9**
 identifier, unique, [D] **isid**
 importing data, [D] **fdasave**, [D] **infile**, [D] **infile (fixed format)**, [D] **infile (free format)**, [D] **infix (fixed format)**, [D] **insheet**, [D] **odbc**, [D] **xmlsave**
 income tax rate function, [D] **egen**
 incomplete
 beta function, [D] **functions**
 gamma function, [D] **functions**
 indexnot() string function, [D] **functions**
 infile command, [D] **infile (fixed format)**, [D] **infile (free format)**; [D] **infile**
 infix command, [D] **infix (fixed format)**; [D] **infile %infmt**, [D] **infile (fixed format)**
 inlist() function, [D] **functions**
 input command, [D] **input**
 inputting data
 from a file, see reading data from disk
 interactively, [D] **edit**, [D] **input**, also see editing data; reading data from disk
 inrange() function, [D] **functions**
 insert, odbc subcommand, [D] **odbc**
 insheet command, [D] **insheet**; [D] **infile**
 inspect command, [D] **inspect**
 int, [D] **data types**
 int() function, [D] **functions**
 integer truncation function, [D] **functions**
 interpolation, [D] **ipolate**
 interquartile range,
 generating variable containing, [D] **egen**
 making dataset of, [D] **collapse**
 summarizing, [D] **ptile**
 inv() matrix function, [D] **functions**
 invbinomial() function, [D] **functions**
 invbinomialtail() function, [D] **functions**
 invchi2() function, [D] **functions**
 invchi2tail() function, [D] **functions**
 invcloglog() function, [D] **functions**
 inverse
 cumulative
 beta distribution, [D] **functions**
 binomial function, [D] **functions**

 inverse cumulative, *continued*
 chi-squared distribution function, [D] **functions**
 F distribution function, [D] **functions**
 incomplete gamma function, [D] **functions**
 noncentral
 beta distribution, [D] **functions**
 chi-squared distribution function, [D] **functions**
 F distribution, [D] **functions**
 normal distribution function, [D] **functions**
 reverse cumulative
 beta distribution, [D] **functions**
 binomial function, [D] **functions**
 chi-squared distribution function, [D] **functions**
 F distribution function, [D] **functions**
 incomplete gamma function, [D] **functions**
 t distribution function, [D] **functions**
 invF() function, [D] **functions**
 invFtail() function, [D] **functions**
 invgammap() function, [D] **functions**
 invgammaptail() function, [D] **functions**
 invibeta() function, [D] **functions**
 invibetatail() function, [D] **functions**
 invlogit() function, [D] **functions**
 invnbinomial() function, [D] **functions**
 invnbinomialtail() function, [D] **functions**
 invnchi2() function, [D] **functions**
 invnFtail() function, [D] **functions**
 invnibeta() function, [D] **functions**
 invnormal() function, [D] **functions**
 invpoisson() function, [D] **functions**
 invpoissonontail() function, [D] **functions**
 invsym() matrix function, [D] **functions**
 invttail() function, [D] **functions**
 ipolate command, [D] **ipolate**
 IQR, see interquartile range
 iqr(), **egen** function, [D] **egen**
 irecode() function, [D] **functions**
 isid command, [D] **isid**
 issymmetric() matrix function, [D] **functions**
 itrim() string function, [D] **functions**

J

J() matrix function, [D] **functions**
 Jacobs, M., [D] **duplicates**
 Jenkins, S. P., [D] **corr2data**, [D] **egen**, [D] **rename**
 Johnson, N. L., [D] **functions**
 joinby command, [D] **joinby**
 joining datasets, see combining datasets

K

Kachitvichyanukul, V., [D] **functions**
 Kantor, D., [D] **cf**, [D] **functions**
 keep command, [D] **drop**
 keeping variables or observations, [D] **drop**
 Kemp, A. W., [D] **functions**

Kemp, C. D., [D] **functions**
 Kinderman, A. J., [D] **functions**
 Knuth, D., [D] **functions**
 Kohler, U., [D] **input**
 Kotz, S., [D] **functions**
 Kronecker product, [D] **cross**
 kurt(), egen function, [D] **egen**

L

label, snapshot subcommand, [D] **snapshot**
 label
 copy command, [D] **label**
 data command, [D] **label**
 define command, [D] **label**
 dir command, [D] **label**
 drop command, [D] **label**
 language command, [D] **label language**
 list command, [D] **label**
 save command, [D] **label**
 values command, [D] **label**
 variable command, [D] **label**
 labelbook command, [D] **labelbook**
 labeling data, [D] **describe**, [D] **label**, [D] **label language**, [D] **notes**
 labels,
 creating, [D] **varmanage**
 editing, [D] **varmanage**
 Lal, R., [D] **functions**
 languages, multiple, [D] **label language**
 Lauritsen, J. M., [D] **labelbook**, [D] **list**
 length() string function, [D] **functions**
 length of string function, [D] **functions**
 Leone, F. C., [D] **functions**
 limits, [D] **describe**, [D] **memory**
 Linde-Zwirble, W., [D] **functions**
 linear interpolation and extrapolation, [D] **ipolate**
 Linhart, J. M., [D] **format**
 list, duplicates subcommand, [D] **duplicates**
 list, label subcommand, [D] **label**
 list, notes subcommand, [D] **notes**
 list, odbc subcommand, [D] **odbc**
 list, snapshot subcommand, [D] **snapshot**
 list command, [D] **list**; [D] **format**
 listing data, [D] **edit**, [D] **list**
 ln() function, [D] **functions**
 lnfactorial() function, [D] **functions**
 lngamma() function, [D] **functions**
 lnnormal() function, [D] **functions**
 lnnormalden() function, [D] **functions**
 load, odbc subcommand, [D] **odbc**
 loading data, see inputting data interactively; reading data from disk
 loading saved data, [D] **use**
 log() function, [D] **functions**
 log10() function, [D] **functions**
 logit function, [D] **functions**
 long, [D] **data types**
 Long, J. S., [D] **codebook**, [D] **label**, [D] **notes**
 lookfor command, [D] **lookfor**
 lookup,
 icd9 subcommand, [D] **icd9**
 icd9p subcommand, [D] **icd9**
 Lotus 1-2-3, reading data from, see spreadsheets, transferring
 lower() string function, [D] **functions**
 lowercase-string function, [D] **functions**
 LRECLs, [D] **infile (fixed format)**
 ls command, [D] **dir**
 ltrim() string function, [D] **functions**

M

MacLaren, M. D., [D] **functions**
 mad(), egen function, [D] **egen**
 mapping strings to numbers, [D] **encode**, [D] **label**
 marginal tax rate egen function, [D] **egen**
 Marsaglia, G., [D] **functions**
 mata, clear subcommand, [D] **clear**
 mathematical functions and expressions, [D] **functions**
 matmissing() matrix function, [D] **functions**
 matrices, functions, [D] **functions**
 matrix, clear subcommand, [D] **clear**
 matrix() function, [D] **functions**
 matuniform() matrix function, [D] **functions**
 max(),
 built-in function, [D] **functions**
 egen function, [D] **egen**
 maxbyte() function, [D] **functions**
 maxdouble() function, [D] **functions**
 maxfloat() function, [D] **functions**
 maximum
 function, [D] **egen**, [D] **functions**
 number of variables and observations, [D] **describe**, [D] **memory**
 size of dataset, [D] **describe**, [D] **memory**
 maximums and minimums,
 creating dataset of, [D] **collapse**
 functions, [D] **egen**, [D] **functions**
 maxint() function, [D] **functions**
 maxlong() function, [D] **functions**
 maxvar, set subcommand, [D] **memory**
 Maz'ya, V., [D] **functions**
 md command, [D] **mkdir**
 mdev(), egen function, [D] **egen**
 mdy() function, [D] **dates and times**, [D] **functions**
 mdyhms() function, [D] **dates and times**, [D] **functions**
 mean(), egen function, [D] **egen**
 means,
 across variables, not observations, [D] **egen**
 creating
 dataset of, [D] **collapse**
 variable containing, [D] **egen**
 median(), egen function, [D] **egen**

medians,
 creating
 dataset of, [D] **collapse**
 variable containing, [D] **egen**
 displaying, [D] **pcfile**

memory,
 clearing, [D] **clear**
 determining and resetting limits, [D] **describe**,
 [D] **memory**
 loading, [D] **use**
 reducing utilization, [D] **compress**, [D] **encode**
 saving, [D] **use**

memory, set subcommand, [D] **memory**

memory command, [D] **memory**

merge command, [D] **merge**

_merge variables, [D] **merge**

merging data, see combining datasets

mi() function, [D] **functions**

Microsoft
 Access, reading data from, [D] **odbc**
 Excel, reading data from, [D] **odbc**
 SpreadsheetML, [D] **xmlsave**

min(),
 built-in function, [D] **functions**
 egen function, [D] **egen**

minbyte() function, [D] **functions**

mindouble() function, [D] **functions**

minfloat() function, [D] **functions**

minimums and maximums, see maximums and minimums

minint() function, [D] **functions**

minlong() function, [D] **functions**

minutes() function, [D] **dates and times**,
 [D] **functions**

missing() function, [D] **functions**

missing values, [D] **missing values**
 counting, [D] **codebook**, [D] **inspect**
 encoding and decoding, [D] **mvencode**
 extended, [D] **mvencode**
 replacing, [D] **merge**

mkdir command, [D] **mkdir**

mm() function, [D] **dates and times**, [D] **functions**

mmC() function, [D] **dates and times**, [D] **functions**

mod() function, [D] **functions**

mode(), egen function, [D] **egen**

modification, file, [D] **filefilter**

modifying data, [D] **generate**, also see editing data

modulus function, [D] **functions**

mofd() function, [D] **dates and times**, [D] **functions**

Monahan, J. F., [D] **functions**

month() function, [D] **dates and times**, [D] **functions**

monthly() function, [D] **dates and times**,
 [D] **functions**

Moore, R. J., [D] **functions**

mreldif() matrix function, [D] **functions**

msofhours() function, [D] **dates and times**,
 [D] **functions**

msofminutes() function, [D] **dates and times**,
 [D] **functions**

msofseconds() function, [D] **dates and times**,
 [D] **functions**

mtr(), egen function, [D] **egen**

multiple languages, [D] **label language**

mvdecode command, [D] **mvencode**

mvencode command, [D] **mvencode**

Myland, J. C., [D] **functions**

N

naming variables, [D] **rename**

Nash, J. D., [D] **infile (fixed format)**, [D] **merge**

natural log function, [D] **functions**

nbetaden() function, [D] **functions**

nbinomial() function, [D] **functions**

nbinomialp() function, [D] **functions**

nbinomialtail() function, [D] **functions**

nchi2() function, [D] **functions**

negative binomial
 distribution,
 cumulative, [D] **functions**
 inverse cumulative, [D] **functions**
 inverse reverse cumulative, [D] **functions**
 reverse cumulative, [D] **functions**
 probability mass function, [D] **functions**

new lines, data without, [D] **infile (fixed format)**

Newson, R., [D] **contract**, [D] **generate**, [D] **statsby**

nFden() function, [D] **functions**

nFTail() function, [D] **functions**

nibeta() function, [D] **functions**

noncentral
 beta density, [D] **functions**
 beta distribution, [D] **functions**
 chi-squared distribution function, [D] **functions**
 F density, [D] **functions**
 F distribution, [D] **functions**

normal() function, [D] **functions**

normal distribution and normality,
 bivariate, [D] **functions**
 cdf, [D] **functions**
 density, [D] **functions**
 generating multivariate data, [D] **corr2data**,
 [D] **drawnorm**
 inverse, [D] **functions**

normalden() function, [D] **functions**

normally distributed random numbers, [D] **functions**

notes command, [D] **notes**

notes,
 creating, [D] **varmanage**
 editing, [D] **varmanage**

npnchi2() function, [D] **functions**

nullmat() matrix function, [D] **functions**

number to string conversion, see string functions

numbers,
 formatting, [D] **format**
 mapping to strings, [D] **encode**, [D] **label**
 numeric value labels, [D] **labelbook**
 numlabel command, [D] **labelbook**

O

obs, set subcommand, [D] **obs**
 obs parameter, [D] **obs**; [D] **describe**
 observations,
 creating dataset of, [D] **collapse**
 dropping, [D] **drop**
 dropping duplicate, [D] **duplicates**
 duplicating, [D] **expand**
 duplicating, clustered, [D] **expandcl**
 identifying duplicate, [D] **duplicates**
 increasing number of, [D] **obs**
 maximum number of, [D] **describe**, [D] **memory**
 ordering, [D] **sort**; [D] **gsort**
 transposing with variables, [D] **xpose**
 odbc command, [D] **infile**
 ODBC data source, reading data from, [D] **odbc**
 odbc describe command, [D] **odbc**
 odbc exec() command, [D] **odbc**
 odbc insert command, [D] **odbc**
 odbc list command, [D] **odbc**
 odbc load command, [D] **odbc**
 odbc query command, [D] **odbc**
 odbc sqlfile() command, [D] **odbc**
 Oldham, K. B., [D] **functions**
 operating system command, [D] **cd**, [D] **copy**, [D] **dir**,
 [D] **erase**, [D] **mkdir**, [D] **rmdir**, [D] **shell**,
 [D] **type**
 ORACLE, reading data from, [D] **odbc**
 order command, [D] **order**
 order statistics, [D] **egen**
 ordering
 observations, [D] **sort**; [D] **gsort**
 variables, [D] **order**, [D] **sort**
 .out filename suffix, [D] **outsheet**
 outer product, [D] **cross**
 outfile command, [D] **outfile**
 output, formatting numbers, [D] **format**
 outsheet command, [D] **outsheet**

P

pairwise combinations, [D] **cross**, [D] **joinby**
 parameterized curves, [D] **range**
 partitioning memory, [D] **memory**
 patterns of data, [D] **egen**
 pc(), egen function, [D] **egen**
 pctile(), egen function, [D] **egen**
 _pctile command, [D] **pctile**
 pctile command, [D] **pctile**

percentiles,
 create
 dataset of, [D] **collapse**
 variable containing, [D] **codebook**, [D] **egen**,
 [D] **pctile**
 plural() string function, [D] **functions**
 poisson() function, [D] **functions**
 Poisson
 distribution,
 cdf, [D] **functions**
 cumulative, [D] **functions**
 inverse cumulative, [D] **functions**
 inverse reverse cumulative, [D] **functions**
 reverse cumulative, [D] **functions**
 probability mass function, [D] **functions**
 poissonp() function, [D] **functions**
 poissontail() function, [D] **functions**
 polar coordinates, [D] **range**
 Posten, H. O., [D] **functions**
 Press, W. H., [D] **functions**
 procedure codes, [D] **icd9**
 programs, clear subcommand, [D] **clear**
 proper() string function, [D] **functions**
 proportional sampling, [D] **sample**
 pseudofunctions, [D] **dates and times**, [D] **functions**
 psi function, [D] **functions**
 pwd command, [D] **cd**

Q

qofd() function, [D] **dates and times**, [D] **functions**
 quantiles, [D] **pctile**, *also see* percentiles
 quarter() function, [D] **dates and times**,
 [D] **functions**
 quarterly() function, [D] **dates and times**,
 [D] **functions**
 query,
 odbc subcommand, [D] **odbc**
 webuse subcommand, [D] **webuse**
 icd9 subcommand, [D] **icd9**
 icd9p subcommand, [D] **icd9**
 query memory command, [D] **memory**
 quick reference, [D] **missing values**

R

r() function, [D] **functions**
 radians, [D] **functions**
 random
 number function, [D] **functions**, [D] **generate**
 numbers, normally distributed, [D] **functions**,
 [D] **generate**
 sample, [D] **sample**
 range command, [D] **range**
 range of data, [D] **codebook**, [D] **inspect**
 rank(), egen function, [D] **egen**
 rank-order statistics, [D] **egen**

ranks of observations, [D] **egen**
 rbeta() function, [D] **functions**
 rbinomial() function, [D] **functions**
 rchi2() function, [D] **functions**
 reading data from disk, [D] **infile**, [D] **infile (fixed format)**, [D] **infile (free format)**, [D] **infix (fixed format)**, [D] **insheet**, *also see* inputting data interactively; combining datasets
 real number to string conversion, [D] **functions**
 real() string function, [D] **functions**
 recase() string function, [D] **functions**
 recast command, [D] **recast**
 recode command, [D] **recode**
 recode() function, [D] **functions**
 recoding data, [D] **recode**
 recoding data autocode() function, [D] **functions**
 rectangularize dataset, [D] **fillin**
 regexm() string function, [D] **functions**
 regexpr() string function, [D] **functions**
 regexprs() string function, [D] **functions**
 relative difference function, [D] **functions**
 reldif() function, [D] **functions**
 remainder function, [D] **functions**
 removing
 directories, [D] **rmdir**
 files, [D] **erase**
 rename command, [D] **rename**
 renpfix command, [D] **rename**
 renumber, notes subcommand, [D] **notes**
 reordering data, [D] **sort**; [D] **order**, [D] **gsort**
 reorganizing data, [D] **reshape**, [D] **xpose**
 repeating commands, [D] **by**
 replace, notes subcommand, [D] **notes**
 replace command, [D] **generate**
 replay() function, [D] **functions**
 replicating
 clustered observations, [D] **expandcl**
 observations, [D] **expand**
 report,
 datasignature subcommand, [D] **datasignature**
 duplicates subcommand, [D] **duplicates**
 reshape command, [D] **reshape**
 restore, snapshot subcommand, [D] **snapshot**
 restoring data, [D] **snapshot**
 results, clear subcommand, [D] **clear**
 return() function, [D] **functions**
 reverse() string function, [D] **functions**
 rgamma() function, [D] **functions**
 rhypergeometric() function, [D] **functions**
 Riley, A. R., [D] **filefilter**, [D] **list**
 rm command, [D] **erase**
 rmdir command, [D] **rmdir**
 rnbinoimial() function, [D] **functions**
 rnormal() function, [D] **functions**
 Rogers, W. H., [D] **egen**
 Ronchetti, E. M., [D] **egen**
 Roodman, D., [D] **collapse**

round() rounding function, [D] **functions**
 Rousseeuw, P. J., [D] **egen**
 row operators for data, [D] **egen**
 rowfirst(), egen function, [D] **egen**
 rowlast(), egen function, [D] **egen**
 rowmax(), egen function, [D] **egen**
 rowmean(), egen function, [D] **egen**
 rowmedian(), egen function, [D] **egen**
 rowmin(), egen function, [D] **egen**
 rowmiss(), egen function, [D] **egen**
 rownonmiss(), egen function, [D] **egen**
 rownumb() matrix function, [D] **functions**
 rowpctile(), egen function, [D] **egen**
 rowsof() matrix function, [D] **functions**
 rowtotal(), egen function, [D] **egen**
 Royston, J. P., [D] **list**, [D] **sort**
 rpoisson() function, [D] **functions**
 rseed() function, [D] **functions**
 rt() function, [D] **functions**
 rtrim() string function, [D] **functions**
 runiform() function, [D] **functions**
 Rush, M., [D] **egen**
 Ryan, P., [D] **egen**, [D] **pctile**

S

s()
 function, [D] **functions**
 saved results, [D] **functions**
 sample command, [D] **sample**
 sample, random, *see* random sample
 sampling, [D] **sample**
 SAS XPORT, [D] **fdasave**
 Sasieni, P., [D] **list**, [D] **memory**
 save,
 label subcommand, [D] **label**
 snapshot subcommand, [D] **snapshot**
 save command, [D] **save**
 saveold command, [D] **save**
 saving data, [D] **outfile**, [D] **outsheet**, [D] **save**, [D] **snapshot**
 scalar() function, [D] **functions**
 Schmeiser, B. W., [D] **functions**
 Schmidt, T. J., [D] **egen**
 Schumm, L. P., [D] **sort**
 sd(), egen function, [D] **egen**
 search,
 icd9 subcommand, [D] **icd9**
 icd9p subcommand, [D] **icd9**
 search, notes subcommand, [D] **notes**
 seconds() function, [D] **dates and times**, [D] **functions**
 separate command, [D] **separate**
 separating string variables into parts, [D] **split**
 seq(), egen function, [D] **egen**

- set
 checksum command, [D] **checksum**
 dp command, [D] **format**
 maxvar command, [D] **memory**
 memory command, [D] **memory**
 obs command, [D] **obs**
 type command, [D] **generate**
 virtual command, [D] **memory**
- set,
 datasignature subcommand, [D] **datasignature**
 webuse subcommand, [D] **webuse**
- Shaposhnikova, T., [D] **functions**
- shell command, [D] **shell**
- sign() function, [D] **functions**
- signature of data, [D] **datasignature**
- signum function, [D] **functions**
- sin() function, [D] **functions**
- sine function, [D] **functions**
- sinh() function, [D] **functions**
- skew(), egen function, [D] **egen**
- smallestdouble() function, [D] **functions**
- snapshot, [D] **snapshot**
- snapshot command, [D] **snapshot**
- sort command, [D] **sort**
- sort order, [D] **describe**
- soundex() string function, [D] **functions**
- soundex_nara() string function, [D] **functions**
- Spanier, J., [D] **functions**
- split command, [D] **split**
- spreadsheets, transferring
 from Stata, [D] **outfile**, [D] **outsheet**, [D] **xmlsave**
 into Stata, [D] **infile**, [D] **infile (fixed format)**,
 [D] **infile (free format)**, [D] **insheet**, [D] **odbc**,
 [D] **xmlsave**
- SQL, [D] **odbc**
- sqlfile(), odbc subcommand, [D] **odbc**
- sqrt() function, [D] **functions**
- square root function, [D] **functions**
- ss() function, [D] **dates and times**, [D] **functions**
- ssC() function, [D] **dates and times**, [D] **functions**
- stack command, [D] **stack**
- stacking data, [D] **stack**
- Stahel, W. A., [D] **egen**
- standard deviations,
 creating
 dataset of, [D] **collapse**
 variable containing, [D] **egen**
- standardized, variables, [D] **egen**
- statsby prefix command, [D] **statsby**
- std(), egen function, [D] **egen**
- Stegun, I. A., [D] **functions**
- Steichen, T. J., [D] **duplicates**
- storage types, [D] **codebook**, [D] **compress**,
 [D] **describe**, [D] **encode**, [D] **format**,
 [D] **generate**, [D] **recast**
- str#, [D] **data types**
- string() string function, [D] **functions**
- string functions, [D] **functions**
- string variables, [D] **data types**, [D] **infile (free format)**
 converting to numbers, [D] **functions**
 encoding, [D] **encode**
 formatting, [D] **format**
 inputting, [D] **infile**
 making from value labels, [D] **encode**
 mapping to numbers, [D] **destring**, [D] **encode**,
 [D] **label**
 splitting into parts, [D] **split**
- strlen() string function, [D] **functions**
- strlower() string function, [D] **functions**
- strltrim() string function, [D] **functions**
- strmatch() string function, [D] **functions**
- stroofreal() string function, [D] **functions**
- strpos() string function, [D] **functions**
- strproper() string function, [D] **functions**
- strreverse() string function, [D] **functions**
- strrtrim() string function, [D] **functions**
- strtoname() string function, [D] **functions**
- strtrim() string function, [D] **functions**
- strupper() string function, [D] **functions**
- Student's *t* distribution, cdf, [D] **functions**
- subinstr() string function, [D] **functions**
- subinword() string function, [D] **functions**
- substr() string function, [D] **functions**
- substring function, [D] **functions**
- sum() function, [D] **functions**
- summarize command, [D] **format**
- summarizing data, [D] **codebook**, [D] **inspect**
- summary statistics, see descriptive statistics
- sums,
 creating dataset containing, [D] **collapse**
 over observations, [D] **egen**, [D] **functions**
 over variables, [D] **egen**
- sweep() matrix function, [D] **functions**
- sysmiss, see missing values
- sysuse command, [D] **sysuse**

T

- t* distribution, cdf, [D] **functions**
- %t formats, [D] **format**
- %t values and formats, [D] **dates and times**
- tab characters, show, [D] **type**
- tables, formatting numbers in, [D] **format**
- tag, duplicates subcommand, [D] **duplicates**
- tag(), egen function, [D] **egen**
- tan() function, [D] **functions**
- tangent function, [D] **functions**
- tanh() function, [D] **functions**
- tC() pseudofunction, [D] **dates and times**,
 [D] **functions**
- tc() pseudofunction, [D] **dates and times**,
 [D] **functions**
- td() pseudofunction, [D] **dates and times**,
 [D] **functions**

tden() function, [D] **functions**
 Teukolsky, S. A., [D] **functions**
 th() pseudofunction, [D] **dates and times**,
 [D] **functions**
 time-series
 analysis, [D] **egen**
 formats, [D] **format**
 functions, [D] **functions**
 time stamp, [D] **describe**
 time variables and values, [D] **dates and times**
 tin() function, [D] **functions**
 tm() pseudofunction, [D] **dates and times**,
 [D] **functions**
 tostring command, [D] **destring**
 total(), *egen* function, [D] **egen**
 tq() pseudofunction, [D] **dates and times**,
 [D] **functions**
 trace() matrix function, [D] **functions**
 transferring data
 copying and pasting, [D] **edit**
 from Stata, [D] **outfile**, [D] **outsheet**
 into Stata, [D] **fdasave**, [D] **infile**, [D] **infile (fixed format)**, [D] **infile (free format)**, [D] **infix (fixed format)**, [D] **insheet**, [D] **odbc**, [D] **xmlsave**
 translation, file, [D] **filefilter**
 transposing data, [D] **xpose**
 trigamma() function, [D] **functions**
 trigonometric functions, [D] **functions**
 trim() string function, [D] **functions**
 trunc() function, [D] **functions**
 truncating
 real numbers, [D] **functions**
 strings, [D] **functions**
 ttail() function, [D] **functions**
 Tukey, J. W., [D] **egen**
 tw() pseudofunction, [D] **dates and times**,
 [D] **functions**
 twtwin() function, [D] **functions**
 type
 command, [D] **type**
 parameter, [D] **generate**
 type, set subcommand, [D] **generate**

U

uncompress files, [D] **zipfile**
 underscore c() function, [D] **functions**
 uniformly distributed random-number function,
 [D] **functions**
 unique value labels, [D] **labelbook**
 unique values,
 counting, [D] **codebook**
 determining, [D] **inspect**, [D] **labelbook**
 unzipfile command, [D] **zipfile**
 upper() string function, [D] **functions**
 uppercase-string function, [D] **functions**
 use command, [D] **use**

uselabel command, [D] **labelbook**
 using data, [D] **sysuse**, [D] **use**, [D] **webuse**

V

value labels, [D] **codebook**, [D] **describe**, [D] **encode**,
 [D] **inspect**, [D] **label language**, [D] **label**,
 [D] **labelbook**
 potential problems in, [D] **labelbook**
 values, *label* subcommand, [D] **label**
 variable, *label* subcommand, [D] **label**
 variable
 description, [D] **describe**
 labels, [D] **codebook**, [D] **describe**, [D] **label**,
 [D] **label language**, [D] **notes**
 types, [D] **codebook**, [D] **data types**, [D] **describe**
 variables,
 alphabetizing, [D] **order**
 categorical, *see* categorical data
 changing storage types of, [D] **recast**
 comparing, [D] **compare**
 copying, [D] **clonevar**
 creating, [D] **varmanage**
 creating new, [D] **separate**
 describing, [D] **codebook**, [D] **notes**
 determining storage types of, [D] **describe**
 displaying contents of, [D] **edit**, [D] **list**
 documenting, [D] **codebook**, [D] **labelbook**,
 [D] **notes**
 dropping, [D] **drop**
 filtering, [D] **varmanage**
 finding, [D] **lookfor**
 in dataset, maximum number of, [D] **describe**,
 [D] **memory**
 listing, [D] **edit**, [D] **list**; [D] **codebook**,
 [D] **describe**, [D] **labelbook**
 mapping numeric to string, [D] **destring**
 naming, [D] **rename**
 ordering, [D] **sort**
 reordering, [D] **order**
 setting properties of, [D] **varmanage**
 sorting, [D] **varmanage**
 sorting and alphabetizing, [D] **sort**; [D] **gsort**
 standardizing, [D] **egen**
 storage types, *see* storage types
 string, *see* string variables
 transposing with observations, [D] **xpose**
 unique values, [D] **codebook**
 unique values, determining, [D] **inspect**
 Variables Manager, [D] **varmanage**
 variance,
 creating dataset of, [D] **collapse**
 creating variable containing, [D] **egen**
 varmanage command, [D] **varmanage**
 vec() matrix function, [D] **functions**
 vecdiag() matrix function, [D] **functions**
 verifying data, [D] **assert**, [D] **count**, [D] **inspect**, *also*
 see certifying data

Vetterling, W. T., [D] **functions**
 virtual memory, [D] **memory**
 virtual, set subcommand, [D] **memory**

W

Walker, A. J., [D] **functions**
 Wang, D., [D] **duplicates**
 webuse
 query command, [D] **webuse**
 set command, [D] **webuse**
 command, [D] **webuse**
 week() function, [D] **dates and times**, [D] **functions**
 weekly() function, [D] **dates and times**, [D] **functions**
 Weesie, J., [D] **generate**, [D] **joinby**, [D] **label**
 language, [D] **label**, [D] **labelbook**, [D] **list**,
 [D] **merge**, [D] **mvencode**, [D] **order**,
 [D] **recode**, [D] **rename**, [D] **reshape**,
 [D] **sample**
 Wernow, J. B., [D] **destring**
 Whittaker, J., [D] **functions**
 Wichura, M. J., [D] **functions**
 Wilcox, R. R., [D] **egen**
 wildcard, see **strmatch()** string function, **regexm()**
 string function, **regexr()** string function, and
 regxs() string function
 winexec command, [D] **shell**
 wofd() function, [D] **dates and times**, [D] **functions**
 word() string function, [D] **functions**
 wordcount() string function, [D] **functions**
 writing data, [D] **outfile**, [D] **outsheet**, [D] **save**

X

XML, [D] **xmlsave**
 xmlsave command, [D] **xmlsave**
 xmluse command, [D] **infile**, [D] **xmlsave**
 xpose command, [D] **xpose**
 xshell command, [D] **shell**
 xtile command, [D] **pctile**

Y

year() function, [D] **dates and times**, [D] **functions**
 yearly() function, [D] **dates and times**, [D] **functions**
 yh() function, [D] **dates and times**, [D] **functions**
 ym() function, [D] **dates and times**, [D] **functions**
 yofd() function, [D] **dates and times**, [D] **functions**
 yq() function, [D] **dates and times**, [D] **functions**
 yw() function, [D] **dates and times**, [D] **functions**

Z

zipfile command, [D] **zipfile**