

Introduction to Geographic Information Science

Week 03 Stata Commands Quick Reference Sheet

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Arithmetic Operators

+ (addition)
- (subtraction)
* (multiplication)
/ (division)
^ (raise to a power)

Relational Operators

> (greater than)
>= (greater than or equal to)
< (less than)
<= (less than or equal to)
== (equal to)
!= (not equal to)

Logical Operators

& (and)
| (or)
! (not)

The following command was introduced in Week 01 and is elaborated upon further in this section:

`summarize` [varlist] [if] [in] [, options]

Listing Observations

`list` [varlist] [if] [in] [, options]

Creating Frequency Tables

`tabulate` varlist [if] [in] [, options]

Creating New Variables

```
generate [type] newvar =expression [if] [in]
```

Replacing Data in a Variable

```
replace oldvar =expression [if] [in]
```

Missing Data

```
. (period)
```