Mata Matters: Subscripting

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Abstract. Mata is Stata’s matrix language. In the Mata Matters column, we show how Mata can be used interactively to solve problems and as a programming language to add new features to Stata. Subscripting is the subject of this column. Stata has three subscripting modes, and two of them are about more than accessing an element of a vector or matrix. The advanced forms of subscripting can, by themselves, be the solution to some problems.

Keywords: pr0028, Mata, subscripts, list subscripts, range subscripts, sampling with replacement, permutation matrices and vectors