The MAXSLOPE taxometric procedure was first described in

Grove, W. M., & Meehl, P. E. (1993). Simple regression-based procedures for taxometric investigations. *Psychological Reports, 73*, 707-737.

A more extensive description and proofs are given in

Grove, W. M. (2004). The MAXSLOPE taxometric procedure: Mathematical derivation, parameter estimation, consistency tests. *Psychological Reports, 95*, 517-550.

MAXSLOPE-02032004.r is the latest program version. It has been run successfully on R v1.6 to 1.9.1. It may rely on various libraries being available and certain functions defined, from among the ones you'll find in the downloadable **.Rprofile** file; only download that file if you find you need it.

Grove (2004) mentions finding that the simple plug-in estimators of the taxon and complement class means on X and Y are biased. This "**Addendum**: Explanation of How Bias in Estimators of Latent Group Means is Removed" derives a set of asymptotically unbiased estimators.