ERRATUM FOR THE DISTRIBUTION OF CHANCE CONGRUENCE COEFFICIENTS FROM SIMULATED DATA

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In Korth and Tucker [1975], the matrices T_1 and T_2 are defined as the transformations for matching two factor patterns in a common space, i.e. for maximizing the similarity of $P_1 T_1$ and $P_2 T_2$. Contrary to the statement of this article, however, T_1 and T_2 are not the matrices of eigenvectors from the matrices in (1) and (2) of the article. Let V_1 be the matrix of eigenvectors from (2) and V_2 be the matrix of eigenvectors from (1). Then $T_1 = F_1' V_1$ and $T_2 = F_2' V_2$. No transformations were actually used in calculating the congruence coefficients for the article, since the squares of the congruence coefficients appear as the eigenvalues of the matrices from (1) and (2), but the transformations would be important in a practical situation.

REFERENCE

Korth, B. A. & Tucker, L. R. The distribution of chance congruence coefficients from simulated data. *Psychometrika*, 1975, *40*, 361–372.