

Errata: Replication and Evidence Factors in Observational Studies

Definition 4, page 150, of pick matrices is incorrect. The English description of pick matrices, the example in (8.2), and their uses later are correct. The particulars of the mistaken definition play no role later in the book. Here is a correct definition of an (N, m) -pick matrix. “Define an (N, m) -subidentity matrix as an $m \times N$ matrix, $m < N$, in which the m columns of an $m \times m$ identity matrix are kept in order interspersed with $N - m$ columns of zeros. An (N, m) -pick matrix \mathbf{P} is an $N \times N$ permutation formed as two blocks, an (N, m) -subidentity matrix on top of an $(N, N - m)$ -subidentity matrix.” The idea is that, in each block, successive 1’s are further down and to the right. Note that, because \mathbf{P} is a permutation matrix, zero columns in the upper block correspond with nonzero columns in the lower block, and conversely.