Correction to Chaganty and Shi (2004), Comm. in Stat., 33, pp. 1157-1170.

Equation (A6) on page 1169 should be

$$\operatorname{vec}(\overline{\mathbf{Z}}) \ is \ AMVN\left(\frac{\sigma^2}{(1-\rho^2)}\operatorname{vec}(\mathbf{R}(\alpha)), \quad \frac{\sigma^4}{(1-\rho^2)^2} \frac{(\mathbf{I}_{p^2} + \mathbf{I}_{(p,p)}) \mathbf{R}(\alpha) \otimes \mathbf{R}(\alpha)}{n}\right)$$
(A6)

where  $\mathbf{I}_{p^2}$  is the identity matrix of order  $p^2 \times p^2$ , and  $\mathbf{I}_{(p,p)}$  is the permuted identity matrix of order  $p^2 \times p^2$  given by

$$\mathbf{I}_{(p,p)} = \begin{pmatrix} E'_{11} & \cdots & E'_{1p} \\ \vdots & \cdots & \vdots \\ E'_{p1} & \cdots & E'_{pp} \end{pmatrix}$$

where  $E_{jk}$  is a  $p \times p$  matrix of zeros except for the (j, k)th element which equals one. See (1.5.24) of Vonesh and Chinchilli (1997, p. 22).