

Known errors in Reich et al 2006 Biometrics

1/26/16, Jim Hodges

Throughout: $n = 192$. The data file has 194 apparent municipalities because each of two municipalities is split by a body of water and is thus represented as two separate entities in the file that draws the maps.

p. 1199, below equation (7), $\text{var}(b \mid \beta, \tau_e, \tau_s, y)$ should be $\tau_e^{-1} (I + rD)^{-1}$

p. 1199, left column, line -3, $X' \text{var}(b \mid [\text{stuff}]) X$ should be $X' \text{var}(Zb \mid [\text{stuff}]) X$

p. 1199, right column, 2nd paragraph (begins "The posterior mean of β "), 2nd line:
 $(X'X)^{-1} X' (y - X \hat{b})$ should be $(X'X)^{-1} X' (y - Z \hat{b})$

p. 1200, right column, 2nd paragraph (begins "Because the columns of Z "), 2nd line:
 $X = (n-1Z \rho)^{1/2}$ should be $X = (n-1)^{1/2} Z \rho$

p. 1202, right column, 2nd line under equation 21:
 $\text{var}(y_i \mid \beta, b, H)$ should be $\text{var}^{-1}(y_i \mid \beta, b, H)$