

## CORRECTION

### ADAPTIVE ESTIMATORS FOR SIMULTANEOUS ESTIMATION OF POISSON MEANS

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A number of errors occur in the derivation on page 251 of an approximation to the risk function. I am grateful to Ms. Diane Duffy and Professor Thomas Santner for drawing my attention to them.

The following changes are required to correct the derivation. Delete lines 2 and 3 and replace by: “Then, since  $S = H'(I - Q)H$ ,

$$\begin{aligned} S_i &= [H - (1/X_i)e_i]'(I - Q)[H - (1/X_i)e_i] \\ &= S - (2/X_i)(H_i - \hat{H}_i) + (1/X_i^2)(1 - q_{ii}) \\ &= S\{1 - (1/X_iS)[2(H_i - \hat{H}_i) - (1/X_i)(1 - q_{ii})]\}.” \end{aligned}$$

Consequential changes occur in the exponents of terms involving  $(1 - q_{ii})$  in lines 6 and 14. The expressions on lines 10 and 13 should be preceded by a negative sign, and the second term of the expression on line 11 should begin  $RX_i$ , not  $R/X_i$ . The argument from line 9 applies for  $X_i > 1$ . Thus the final sentence of the paragraph should read: “The last term is negligible, by assumption. A similar argument is required when  $X_i = 1$ , and this provides  $[1 - (1/2R)](1 - q_{ii}) - 2(H_i - \hat{H}_i)^2/S$  as the two nonnegligible terms in the inequality above. Summing nonnegligible terms, for  $i = 1, 2, \dots, p$ , we obtain  $(R^2 - N_1)/S$  as the estimated risk reduction. Here  $N_1$  is the number of cells containing the count 1.”

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